

show active-charging

This chapter includes the **show active-charging** command output tables.

- show activechargingnalyzer statistics name, on page 3
- show active-charging analyzer statistics name cdp, on page 4
- show active-charging analyzer statistics name dns, on page 5
- show active-charging analyzer statistics name h323, on page 6
- show active-charging analyzer statistics name h323 verbose, on page 6
- show active-charging analyzer statistics name http, on page 9
- show active-charging analyzer statistics name icmpv6, on page 11
- show active-charging analyzer statistics name ip verbose, on page 12
- show active-charging analyzer statistics name ipv6, on page 14
- show active-charging analyzer statistics name ipv6 verbose, on page 14
- show active-charging analyzer statistics name mipv6, on page 16
- show active-charging analyzer statistics name p2p protocol-group, on page 16
- show active-charging analyzer statistics name p2p protocol-group verbose, on page 20
- show active-charging analyzer statistics name p2p, on page 71
- show active-charging analyzer statistics name p2p verbose, on page 123
- show active-charging analyzer statistics name pptp, on page 189
- show active-charging analyzer statistics name rtp, on page 189
- show active-charging analyzer statistics name sip, on page 190
- show active-charging analyzer statistics name sip verbose, on page 192
- show active-charging analyzer statistics name tcp, on page 195
- show active-charging analyzer statistics name tcp verbose, on page 196
- show active-charging analyzer statistics name tftp, on page 198
- show active-charging bandwidth-policy name, on page 199
- show active-charging charging-action all, on page 200
- show active-charging charging-action name, on page 203
- show active-charging charging-action statistics name, on page 204
- show active-charging content-filtering category policy-id all, on page 208
- show active-charging content-filtering category statistics rulebase name, on page 208
- show active-charging content-filtering category statistics, on page 210
- show active-charging content-filtering server-group name, on page 213
- show active-charging content-filtering server-group statistics verbose, on page 214
- show active-charging credit-control misc-info max-backpressure, on page 217

- show active-charging credit-control session-states, on page 218
- show active-charging credit-control statistics, on page 219
- show active-charging database uidh, on page 227
- show active-charging dns-learnt-ip-addresses statistics sessmgr instance <instance> verbose, on page 228
- show active-charging edr-format all, on page 229
- show active-charging edr-format statistics, on page 230
- show active-charging edr-udr-file flow-control-counters, on page 230
- show active-charging edr-udr-file statistics, on page 230
- show active-charging firewall statistics, on page 232
- show active-charging firewall statistics nat-realm, on page 234
- show active-charging firewall statistics verbose, on page 234
- show active-charging firewall statistics protocol icmp verbose, on page 241
- show active-charging firewall statistics protocol icmpv6 verbose, on page 242
- show active-charging firewall statistics protocol ip verbose, on page 244
- show active-charging firewall statistics protocol ipv6 verbose, on page 245
- show active-charging firewall statistics protocol udp verbose, on page 247
- show active-charging firewall statistics callid <call_id> verbose, on page 248
- show active-charging firewall statistics domainname <domain_name> verbose, on page 252
- show active-charging firewall statistics username <user_name> verbose, on page 257
- show active-charging firewall track-list attacking-servers, on page 262
- show active-charging fw-and-nat policy name, on page 262
- show active-charging flow-kpi all, on page 267
- show active-charging flows full, on page 268
- show active-charging flows full, on page 271
- show active-charging flows summary, on page 275
- show active-charging flows full debug-info all, on page 276
- show active-charging flows full type p2p, on page 276
- show active-charging flows type cdp, on page 277
- show active-charging flows type p2p, on page 279
- show active-charging flow-mappings all, on page 281
- show active-charging group-of-ruledefs name, on page 282
- show active-charging nat statistics, on page 282
- show active-charging nat statistics unsolicited-pkts-server-list instance <instance_num>, on page 285
- show active-charging p2p-dynamic-rules verbose, on page 285
- show active-charging pcp-service all, on page 285
- show active-charging pcp-service name, on page 286
- show active-charging pcp-service statistics, on page 287
- show active-charging radio-congestion policy all, on page 289
- show active-charging radio-congestion policy statistics, on page 290
- show active-charging readdress-server-list statistics all, on page 291
- show active-charging rulebase name, on page 291
- show active-charging rulebase statistics, on page 298
- show active-charging rulebase statistics name, on page 304
- show active-charging ruledef firewall, on page 314
- show active-charging ruledef statistics, on page 315

- show active-charging ruledef statistics all firewall wide, on page 317
- show active-charging ruledef statistics all charging, on page 318
- show active-charging ruledef statistics all tpo, on page 318
- show active-charging ruledef tpo, on page 318
- show active-charging service all, on page 318
- show active-charging service-scheme statistics, on page 321
- show active-charging sessions all, on page 322
- show active-charging sessions credit-control server-unreachable, on page 322
- show active-charging sessions firewall required, on page 322
- show active-charging sessions full, on page 323
- show active-charging sessions full all, on page 334
- show active-charging sessions summary, on page 347
- show active-charging sessions summary type p2p, on page 363
- show active-charging subscribers full all, on page 377
- show active-charging subsystem all, on page 382
- show active-charging subscribers callid override-control, on page 392
- show active-charging subsystem facility acsmgr instance, on page 392
- show tcp-acceleration statistics sessmgr all, on page 397
- show active-charging tcp-proxy statistics all verbose, on page 401
- show active-charging tcp-proxy statistics socket-migration, on page 406
- show active-charging tethering-detection database sessmgr all, on page 407
- show active-charging tethering-detection statistics, on page 408
- show active-charging timedef all, on page 409
- show active-charging tpo profile statistics name, on page 410
- show active-charging traffic-optimization policy, on page 410
- show active-charging trigger-action all, on page 411
- show active-charging trigger-condition all, on page 412
- show active-charging udr-format all, on page 412
- show active-charging url-blockedlisting statistics, on page 413
- show active-charging url-blockedlisting statistics rulebase name, on page 413
- show active-charging video detailed-statistics, on page 414
- show active-charging video detailed-statistics container mp4, on page 417
- show active-charging video detailed-statistics rat cdma, on page 418
- show active-charging video detailed-statistics ue laptop, on page 421
- show active-charging xheader-format name, on page 425

show activechargingnalyzer statistics name

The output of this command displays the following fields. The fields are common for http, secure-http, p2p, tcp, udp.

Table 1: show active-charging analyzer statistics name Command Output Descriptions

Field	Description
Total VPP FP Packets	Total number of Fast Path packets through VPP.

Field	Description
VPP Fastpath Statistics:	
Total Flows	Total number of flows.
Current Active Flows	Total number of active current flows.
IPv4:	
Uplink Pkts	Total number of IPv4 packets uplinked.
Uplink Bytes	Total number of IPv4 bytes uplinked.
Downlink Pkts	Total number of IPv4 packets downlinked.
Downlink Bytes	Total number of IPv4 bytes downlinked.
IPv6:	
Uplink Pkts	Total number of IPv6 packets uplinked.
Uplink Bytes	Total number of IPv6 bytes uplinked.
Downlink Pkts	Total number of IPv6 packets downlinked.
Downlink Bytes	Total number of IPv6 bytes downlinked.

show active-charging analyzer statistics name cdp

Table 2: show active-charging analyzer statistics name cdp Command Output Descriptions

Field	Description
CDP Summary:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Pkts	Total number of packets uplinked.
Total Downlink Pkts	Total number of packets downlinked.

show active-charging analyzer statistics name dns

Table 3: show active-charging analyzer statistics name dns Command Output Descriptions

Field	Description
ACS DNS Session Stats:	
Total Uplink Bytes	The total number of DNS bytes detected in uplink direction.
Total Downlink Bytes	The total number of DNS bytes detected in downlink direction.
Total Uplink Pkts	The total number of DNS packets detected in uplink direction.
Total Downlink Pkts	The total number of DNS packets detected in downlink direction.
Unknown OPCODE	The total number of DNS packets with an unknown operational code.
Invalid Pkts	The total number of invalid DNS packets detected.
DNS Over TCP:	
Uplink Bytes	The total number of DNS uplink bytes that were detected over TCP.
Downlink Bytes	The total number of DNS downlink bytes that were detected over TCP.
Uplink Pkts	The total number of DNS uplink packets that were detected over TCP.
Downlink Pkts	The total number of DNS downlink packets that were detected over TCP.
Request:	
A Query Type	The total number of DNS requests received for A query types.
CNAME Query Type	The total number of DNS requests received for CNAME query types.
NS Query Type	The total number of DNS requests received for NS query types.
PTR Query Type	The total number of DNS requests received for PTR query types.
SRV Query Type	The total number of DNS requests received for SRV query types.
Unknown Query Type	The total number of DNS requests received for unknown query types.
AAAA Query Type	The total number of DNS requests received for AAAA query types.
NULL Query Type	The total number of DNS requests received for NULL query types.
TXT Query Type	The total number of DNS requests received for TXT query types.
Response:	
A Query Type	The total number of DNS responses received for A query types.
CNAME Query Type	The total number of DNS responses received for CNAME query types.

Field	Description
NS Query Type	The total number of DNS responses received for NS query types.
PTR Query Type	The total number of DNS responses received for PTR query types.
SRV Query Type	The total number of DNS responses received for SRV query types.
Unknown Query Type	The total number of DNS responses received for unknown query types.
AAAA Query Type	The total number of DNS responses received for AAAA query types.
NULL Query Type	The total number of DNS requests received for NULL query types.
TXT Query Type	The total number of DNS requests received for TXT query types.

show active-charging analyzer statistics name h323

Table 4: show active-charging analyzer statistics name h323 Command Output Descriptions

Field	Description
H323 Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Packets	Total number of packets uplinked.
Total Downlink Packets	Total number of packets downlinked.
Total H323 calls	Total number of H323 calls.
Total RAS messages	Total number of RAS messages.
Total Q931 messages	Total number of Q931 messages.
Total H245 messages	Total number of H245 messages.

show active-charging analyzer statistics name h323 verbose

Table 5: show active-charging analyzer statistics name h323 verbose Command Output Descriptions

Field	Description
H323 Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.

Field	Description
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Packets	Total number of packets uplinked.
Total Downlink Packets	Total number of packets downlinked.
Total H323 calls	Total number of H323 calls.
Total RAS messages	Total number of RAS messages.
Total Q931 messages	Total number of Q931 messages.
Total H245 messages	Total number of H245 messages.
RAS messages	
Uplink	Total number of uplink packets sent from the subscriber for RAS messages.
Downlink	Total number of downlink packets sent from the subscriber for RAS messages.
GatekeeperRequest	The message sent from the H323 endpoint to find a Gatekeeper.
GatekeeperConfirm	The message sent from the Gatekeeper to H323 endpoint which requested for service.
GatekeeperReject	The message sent from the Gatekeeper to H323 endpoint indicating that it must try a different Gatekeeper.
RegistrationRequest	The message sent from the H323 endpoint to register to a particular Gatekeeper.
RegistrationConfirm	The message sent from the Gatekeeper to H323 endpoint indicating that it has been registered.
RegistrationReject	The message sent from the Gatekeeper to H323 endpoint indicating that the registration failed.
UnregistrationRequest	The message sent from the H323 endpoint to unregister from a particular Gatekeeper.
UnregistrationConfirm	The message sent from the Gatekeeper to H323 endpoint indicating that it has been unregistered.
UnregistrationReject	The message sent from the Gatekeeper to H323 endpoint indicating that unregistration failed.
AdmissionRequest	The message sent from the H323 endpoint to a Gatekeeper before accepting or initiating a call.
AdmissionConfirm	The message sent from the Gatekeeper to H323 endpoint indicating that the call is allowed.
AdmissionReject	The message sent from the Gatekeeper to H323 endpoint indicating that the call is not allowed.
LocationRequest	The message sent to the Gatekeeper requesting the transport address of an endpoint.

Field	Description
LocationConfirm	The message sent from the Gatekeeper containing the transport address of an endpoint.
LocationReject	The message sent from the Gatekeeper indicating that the location request is rejected.
DisengageRequest	The message sent from an H323 endpoint to Gatekeeper indicating that the call is getting dropped.
DisengageConfirm	The message confirming the DisengageRequest message from the Gatekeeper.
DisengageReject	The message sent from the Gatekeeper if an endpoint is not registered.
InfoRequest	The message sent from the Gatekeeper to endpoint requesting the status information.
InfoRequestResponse	The message sent from the H323 endpoint to Gatekeeper containing the status information.
RequestInProgress	The message sent by the Gatekeeper or endpoint to indicate to RAS that it cannot respond in normal processing time.
Unclassified	The RAS message that is not classified by the H323 ALG.
Q931 messages	
Uplink	Total number of uplink packets sent from the subscriber for Q931 messages.
Downlink	Total number of downlink packets sent from the subscriber for Q931 messages.
Alerting	The message sent by the called user to indicate that alerting has been initiated.
CallProceeding	The message sent by an H323 endpoint indicating that it has initiated to set up the call.
Setup	The message sent by the calling H323 endpoint to the called H323 endpoint.
Connect	The message sent by the called H323 endpoint to the calling H323 endpoint indicating the acceptance of call.
ReleaseComplete	The message sent by the called H323 endpoint indicating the release of the call.
Facility	The message used to redirect a call or start a new H245 channel.
Progress	The message used to indicate the progress of a call.
Information	The message sent by the called H323 endpoint to provide additional information for a call.
Unclassified	The Q931 message that is not classified by the H323 ALG.
H245 messages	
Uplink	Total number of uplink packets sent from the subscriber for H245 messages.
Downlink	Total number of downlink packets sent from the subscriber for H245 messages.

Field	Description
OpenLogicalChannel	The message sent by an H323 endpoint to open a logical connection between two endpoints.
OpenLogicalChannelAck	The message sent by an H323 endpoint to accept the connection request in an open logical channel.
OpenLogicalChannelReject	The message sent by an H323 endpoint to reject the connection request in an open logical channel.
OpenLogicalChannelConfirm	The message sent by an H323 endpoint indicating that the reverse channel is open.
RequestChannelClose	The message sent by an H323 endpoint to close an existing logical channel between two endpoints.
CloseLogicalChannel	The message sent by an H323 endpoint to close an existing logical channel between two endpoints.
CloseLogicalChannelAck	The message sent by an H323 endpoint to confirm the close of a logical channel.
EndSessionCommand	The message sent by an H323 endpoint to indicate end of H245 session.
Unclassified	The H245 message that is not classified by the H323 ALG.

show active-charging analyzer statistics name http

Table 6: show active-charging analyzer statistics name http Command Output Descriptions

Field	Description
ACS HTTP Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Pkts	Total number of packets uplinked.
Total Downlink Pkts	Total number of packets downlinked.
Total Accel Pkts	Total number of accelerated HTTP packets.
Uplink Bytes Retrans	The number of uplink bytes that were retransmitted.
Downlink Bytes Retrans	Total number of downlink bytes that were retransmitted.
Uplink Pkts Retrans	Total number of uplink packets that were retransmitted.
Downlink Pkts Retrans	Total number of downlink packets that were retransmitted.
Total Request Succeed	Total number of HTTP requests succeeded.

Field	Description
Total Request Failed	Total number of HTTP requests failed.
GET Requests	Total number of HTTP GET requests.
POST Requests	Total number of HTTP POST requests.
CONNECT Requests	Total number of HTTP CONNECT requests.
PUT requests	Total number of HTTP PUT requests.
HEAD requests	Total number of HTTP HEAD requests.
Websocket Flows	Total number of websocket flows.
Invalid packets	Total number of invalid packets.
Wrong FSM packets	Total number of incorrect FSM packets.
Unknown request method	Total number of unknown HTTP request methods.
Corrupt request packets	Total number of corrupt HTTP request packets.
Corrupt response packets	Total number of corrupt HTTP response packets.
Pipeline overflow requests	Total number of pipeline overflow requests.
Unhandled request packets	Total number of unhandled request packets.
Unhandled response packets	Total number of unhandled response packets.
New requests on closed connection	Total number of new requests on closed connections.
Memory allocation failures	Total number of memory allocation failures.
Accel Errors	Total number of accelerated errors.
Packets after permanent failure	Total number of packets after permanent failure.
Total Number of http Video Identified	Total number of HTTP videos identified.
Number of Flash Video Identified	Total number of Flash videos identified.
Number of Isom (MP4) Video Identified	Total number of Isom (MP4) videos identified.
Number of WMV Video Identified	Total number of WMV videos identified.
Number of MOOV Video Identified	Total number of MOOV videos identified.
Number of AVI Video Identified	Total number of AVI videos identified.
Number of HLS Video Identified	Total number of HLS videos identified.
Number of MSS Video Identified	Total number of MSS videos identified.
Number of MPEG TS Video Identified	Total number of MPEG TS videos identified.

Field	Description
Response Based TRM	
GET	Total number of HTTP GET methods that had response-based TRM applied.
POST	Total number of HTTP POST methods that had response-based TRM applied.
CONNECT	Total number of HTTP CONNECT methods that had response-based TRM applied.
PUT	Total number of HTTP PUT methods that had response-based TRM applied.
HEAD	Total number of HTTP HEAD methods that had response-based TRM applied.
OPTION	Total number of HTTP OPTION methods that had response-based TRM applied.
DELETE	Total number of HTTP DELETE methods that had response-based TRM applied.
TRACE	Total number of HTTP TRACE methods that had response-based TRM applied.
Websocket	Total number of HTTP Websocket methods that had response-based TRM applied.
Response Based Charging	
GET	Total number of HTTP GET methods that had response-based charging applied.
POST	Total number of HTTP POST methods that had response-based charging applied.
CONNECT	Total number of HTTP CONNECT methods that had response-based charging applied.
PUT	Total number of HTTP PUT methods that had response-based charging applied.
HEAD	Total number of HTTP HEAD methods that had response-based charging applied.
OPTION	Total number of HTTP OPTION methods that had response-based charging applied.
DELETE	Total number of HTTP DELETE methods that had response-based charging applied.
TRACE	Total number of HTTP TRACE methods that had response-based charging applied.
Websocket	Total number of HTTP Websocket methods that had response-based charging applied.

show active-charging analyzer statistics name icmpv6

Table 7: show active-charging analyzer statistics name icmpv6 Command Output Descriptions

Field	Description
ACS ICMPv6 Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.

Field	Description
Total Uplink Pkts	Total number of packets uplinked.
Total Downlink Pkts	Total number of packets downlinked.
Uplink Bytes Fragmented	Total number of uplink bytes that were fragmented.
Downlink Bytes Fragmented	Total number of downlink bytes that were fragmented.
Uplink Pkts Fragmented	Total number of uplink packets that were fragmented.
Downlink Pkts Fragmented	Total number of downlink packets that were fragmented.
Uplink Bytes Invalid	Total number of invalid uplink bytes.
Downlink Bytes Invalid	Total number of invalid downlink bytes.
Uplink Pkts Invalid	Total number of invalid uplink packets.
Downlink Pkts Invalid	Total number of invalid downlink packets.

show active-charging analyzer statistics name ip verbose

Table 8: show active-charging analyzer statistics name ip verbose Command Output Descriptions

Field	Description
ACS IP Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Pkts	Total number of packets uplinked.
Total Downlink Pkts	Total number of packets downlinked.
Uplink Bytes Fragmented	Total number of uplink bytes that were fragmented.
Downlink Bytes Fragmented	Total number of downlink bytes that were fragmented.
Uplink Pkts Fragmented	Total number of uplink packets that were fragmented.
Downlink Pkts Fragmented	Total number of downlink packets that were fragmented.
Uplink Bytes Invalid Length	Total number of uplink bytes of invalid length.
Downlink Bytes Invalid Length	Total number of downlink bytes of invalid length.
Uplink Pkts Invalid Length	Total number of uplink packets of invalid length.
Downlink Pkts Invalid Length	Total number of downlink packets of invalid length.

Field	Description
Uplink Bytes Invalid Length (After Reassembly)	Total number of uplink bytes of invalid length after reassembly.
Downlink Bytes Invalid Length (After Reassembly)	Total number of downlink bytes of invalid length after reassembly.
Uplink Pkts Invalid Length (After Reassembly)	Total number of uplink packets of invalid length after reassembly.
Downlink Pkts Invalid Length (After Reassembly)	Total number of downlink packets of invalid length after reassembly.
Uplink Bytes Invalid Version	Total number of uplink bytes of invalid version.
Downlink Bytes Invalid Version	Total number of downlink bytes of invalid version.
Uplink Pkts Invalid Version	Total number of uplink packets of invalid version.
Downlink Pkts Invalid Version	Total number of downlink packets of invalid version.
Uplink Bytes Invalid Checksum	Total number of bytes received in uplink direction with invalid checksum errors.
Downlink Bytes Invalid Checksum	Total number of bytes received in downlink direction with invalid checksum errors.
Uplink Pkts Invalid Checksum	Total number of packets received in uplink direction with invalid checksum errors.
Downlink Pkts Invalid Checksum	Total number of packets received in downlink direction with invalid checksum errors.
Uplink Bytes IP reassembly Timeout	Total number of bytes in uplink traffic dropped due to IP reassembly timeout.
Uplink Pkts IP reassembly Timeout	Total number of packets in uplink traffic dropped due to IP reassembly timeout.
Downlink Bytes IP reassembly Timeout	Total number of bytes in downlink traffic dropped due to IP reassembly timeout.
Downlink Pkts IP reassembly Timeout	Total number of packets in downlink traffic dropped due to IP reassembly timeout.
Uplink Bytes IP reassembly Max. Fragments reached	Total number of times Max fragments was reached in uplinked bytes reassembly.
Uplink Pkts IP reassembly Max. Fragments reached	Total number of times Max fragments was reached in uplinked packets reassembly.
Downlink Bytes IP reassembly Max. Fragments reached	Total number of times Max fragments was reached in downlinked bytes reassembly.
Downlink Pkts IP reassembly Max. Fragments reached	Total number of times Max fragments was reached in downlinked packets reassembly.
Uplink Bytes received after reassembly	Total number of uplink bytes received after reassembly.
Uplink Pkts received after reassembly	Total number of uplink packets received after reassembly.
Downlink Bytes received after reassembly	Total number of downlink bytes received after reassembly.

Field	Description
Downlink Pkts received after reassembly	Total number of downlink packets received after reassembly.

show active-charging analyzer statistics name ipv6

Table 9: show active-charging analyzer statistics name ipv6 Command Output Descriptions

Field	Description
ACS IPv6 Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Pkts	Total number of packets uplinked.
Total Downlink Pkts	Total number of packets downlinked.
Uplink Bytes Fragmented	Total number of uplink bytes that were fragmented.
Downlink Bytes Fragmented	Total number of downlink bytes that were fragmented.
Uplink Pkts Fragmented	Total number of uplink packets that were fragmented.
Downlink Pkts Fragmented	Total number of downlink packets that were fragmented.
Uplink Bytes Invalid	Total number of invalid uplink bytes.
Downlink Bytes Invalid	Total number of invalid downlink bytes.
Uplink Pkts Invalid	Total number of invalid uplink packets.
Downlink Pkts Invalid	Total number of invalid downlink packets.

show active-charging analyzer statistics name ipv6 verbose

Table 10: show active-charging analyzer statistics name ipv6 verbose Command Output Descriptions

Field	Description
ACS IPv6 Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Pkts	Total number of packets uplinked.

Field	Description
Total Downlink Pkts	Total number of packets downlinked.
Uplink Bytes Fragmented	Total number of uplink bytes that were fragmented.
Downlink Bytes Fragmented	Total number of downlink bytes that were fragmented.
Uplink Pkts Fragmented	Total number of uplink packets that were fragmented.
Downlink Pkts Fragmented	Total number of downlink packets that were fragmented.
Uplink Bytes Invalid Length	Total number of uplink bytes of invalid length.
Downlink Bytes Invalid Length	Total number of downlink bytes of invalid length.
Uplink Pkts Invalid Length	Total number of uplink packets of invalid length.
Downlink Pkts Invalid Length	Total number of downlink packets of invalid length.
Uplink Bytes Invalid Length (After Reassembly)	Total number of uplink bytes of invalid length after reassembly.
Downlink Bytes Invalid Length (After Reassembly)	Total number of downlink bytes of invalid length after reassembly.
Uplink Pkts Invalid Length (After Reassembly)	Total number of uplink packets of invalid length after reassembly.
Downlink Pkts Invalid Length (After Reassembly)	Total number of downlink packets of invalid length after reassembly.
Uplink Bytes IP reassembly Timeout	Total number of bytes in uplink traffic dropped due to IP reassembly timeout.
Uplink Pkts IP reassembly Timeout	Total number of packets in uplink traffic dropped due to IP reassembly timeout.
Downlink Bytes IP reassembly Timeout	Total number of bytes in downlink traffic dropped due to IP reassembly timeout.
Downlink Pkts IP reassembly Timeout	Total number of packets in downlink traffic dropped due to IP reassembly timeout.
Uplink Bytes IP reassembly Max. Fragments reached	Total number of times Max fragments was reached in uplinked bytes reassembly.
Uplink Pkts IP reassembly Max. Fragments reached	Total number of times Max fragments was reached in uplinked packets reassembly.
Downlink Bytes IP reassembly Max. Fragments reached	Total number of times Max fragments was reached in downlinked bytes reassembly.
Downlink Pkts IP reassembly Max. Fragments reached	Total number of times Max fragments was reached in downlinked packets reassembly.

show active-charging analyzer statistics name mipv6

Table 11: show active-charging analyzer statistics name mipv6 Command Output Descriptions

Field	Description
ACS MIPv6 Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Uplink Pkts	Total number of packets uplinked.
Total PBU Intercepted	Total number of Proxy Binding Update (PBU) messages intercepted.
Total PBU Modified	Total number of modified Proxy Binding Update (PBU) messages.
Total PBU Discarded	Total number of discarded Proxy Binding Update (PBU) messages.

show active-charging analyzer statistics name p2p protocol-group

Table 12: show active-charging analyzer statistics name p2p protocol-group Command Output Descriptions

Field	Description
ACS P2P Stats:	
Generic	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Anonymous - access	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Business	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-mail	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-news	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Internet-privacy	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Filesharing	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-anon-filesharing	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Remote-control	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-gaming	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-videoconf	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Untagged	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

show active-charging analyzer statistics name p2p protocol-group verbose

Table 13: show active-charging analyzer statistics name p2p protocol-group verbose Command Output Descriptions

Field	Description
ACS P2P Stats:	
Generic-non-p2p	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Generic	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Anonymous-access-tor	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Anonymous-access-yourfreetunnel	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Anonymous-access-jap	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Anonymous-access-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Business-openft	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Business-actsync	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Business-kontiki	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Business-blackberry	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Business-citrix	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Business-webex	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Business-gotomeeting	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Business-adobeconnect	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Business-Cisco-jabber	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Business-total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-skype	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-msn	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-yahoo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-jabber	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-qq	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-gadugadu	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-oscar	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-popo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-irc	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-iskoot	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Communicator-fring	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-gtalk	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-nimbuzz	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-paltalk	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-meebo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-truphone	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-teamspeak	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-facetime	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-viber	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-imo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-tango	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Communicator-scydo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-whatsapp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-mypeople	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-implus	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-ebuddy	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-ficall	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-mig33	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-goober	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-kakaotalk	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-nateontalk	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-naverline	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-wechat	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-voipdiscount	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-vopium	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-plingm	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-magicjack	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-smartvoip	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Communicator-rynga	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-icall	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-actionvoip	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-jumblo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-talkatone	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-behavioral-voip	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-imessage	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-sudaphone	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-blackdialer	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-vtok **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-heytell **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-voxer **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-Lync	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-behavioral-video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-didi	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-hike-messenger	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-kik-messenger	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-upc-phone	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Communicator-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud-wuala	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud-icloud	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud-amazoncloud	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud-skydrive **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud-dropbox **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud-bitcasa **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud-clubbox **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud-Bittorent-sync	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud-mozy	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud-opendrive	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud-windows-azure	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cloud-idrive	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Cloud-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-mail-gmail	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-mail-mapi	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-mail-yahoomail	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-mail-outlook	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-mail-telegram	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-mail-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-news-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-store-apple-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-store-blackberry-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-store-itunes	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-store-googleplay	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-store-nokia-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-store-samsung-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-store-windows-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
E-store-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-hamachivpn	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-vpnx	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-vtun	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-isakmp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-netmotion	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-openvpn	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-tunnelvoice	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-comodounite	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-ultrasurf	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-cyberghost	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-siri	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-softether	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Internet-privacy-hotspotvpn **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Internet-privacy-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Filesharing-ddlink	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Filesharing-aimini	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Filesharing-ultrabac	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Filesharing-upload	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Filesharing-download	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Filesharing-flickr **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Filesharing-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-steam	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-halflife2	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-wofwarcraft	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-xbox	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-battlefld	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-qqgame	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-quake	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Gaming-warcft3	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-armagettron	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-clubpenguin	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-crossfire	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-dofus	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-fiesta	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-florensia	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-guildwars	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-maplestory	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-ps3	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-rfacto	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-splashfighter	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-wii	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-wofkungfu	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-callofduty	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-twitch	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gaming-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Maps-igo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Maps-mapfactor	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Maps-navigon	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Maps-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-anon-filesharing-winny	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-anon-filesharing-mute	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-anon-filesharing-freenet	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-anon-filesharing-stealthnet	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-anon-filesharing-antsp2p	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-anon-filesharing-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-bittorrent	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
P2P-filesharing-edonkey	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-gnutella	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-fasttrack	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-manolito	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-pando	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-filetopia	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-soulseek	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-applejuice	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-ares	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-directconnect	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-imesh	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-winmx	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-thunder	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-off	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-xdcc	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-mojo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-thunderhs	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-behavioral-p2p	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-rodi **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
P2P-filesharing-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Remote-control-skinny	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Remote-control-rdp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Remote-control-teamviewer	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Remote-control-pcanywhere	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Remote-control-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-gaming-secondlife	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-gaming-gamekit	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-gaming-friendster	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-gaming-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-facebook	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-myspace	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-twitter	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-instagram	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-pinterest	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-linkedin	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-poco	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-snapchat	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-googleplus	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-hyves	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-tumblr **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-badoo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-vine	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-foursquare	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-path	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Social-nw-generic-weibo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-tagged	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-xing	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-generic-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-videoconf-oovoo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Social-nw-videoconf-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard-iax	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard-mgcp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard-ssdp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard-stun	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard-usenet	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard-flash	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard-msrp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard-rdt	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard-spdy	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard-google	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard-silverlight	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Standard-ssl	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Standard-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-orb	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-slingbox	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-ppstream	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-qqlive	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-feidian	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-zattoo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-sopcast	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-pplive	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-tvants	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Streaming-tvuplayer	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-uusee	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-iptv	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-pandora	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-icecast	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-shoutcast	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-funshion	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-octoshape	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-rmstream	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-veohtv	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-wmstream	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-ogg	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-quicktime	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-spotify	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-netflix	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-iplayer	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-avi	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Streaming-soribada	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-kugou	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-ustream	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-svtplay	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-kuro **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Streaming-youtube **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-baidumovie **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-monkey3	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-Hls	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-Youku	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Streaming-hulu	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-google-music	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-rhapsody	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-hbogo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-iheartradio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-radio-paradise	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-beatport	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-soundcloud	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-amazonmusic	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-slingtv	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-vessel	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-vudu	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-go90	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-Espn	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-Crackle	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-Hbonow	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Streaming-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Untagged-operamini	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Untagged-truecaller	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Untagged-applemaps	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Untagged-waze	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Untagged-apple-push	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Untagged-google-push	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Untagged-speedtest	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Untagged-slacker-radio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Untagged-Total	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

show active-charging analyzer statistics name p2p

Table 14: show active-charging analyzer statistics name p2p Command Output Descriptions

Field	Description
ACS P2P Stats:	
Skype	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Bittorrent	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Edonkey	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Msn	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Yahoo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Orb	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gnutella	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Jabber	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Slingbox	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Winny	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Fasttrack	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Manolito	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Pando	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Filetopia	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Soulseek	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ppstream	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Qq	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Qqlive	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mute	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gadugadu	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Feidian	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Applejuice	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Zattoo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Skinny	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Sopcast	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ares	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Directconnect	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Imesh	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Pplive	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Oscar	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Popo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Irc	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Steam	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ddlink	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Halflife2	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hamachivpn	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tvants	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tvuplayer	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Uusee	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vpnx	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Vtun	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Winmx	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Wofwarcraft	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Xbox	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Iskoot	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Fring	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Oovoo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gtalk	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Freenet	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Aimini	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Battlefld	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Openft	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Qqgame	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Quake	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Secondlife	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Actsync	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Nimbuzz	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Iax	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Paltalk	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Warcft3	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rdp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Iptv	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Pandora	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Icecast	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Kontiki	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Meebo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Shoutcast	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Truphone	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Thunder	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Armagettron	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Blackberry	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Citrix	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Clubpenguin	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Crossfire	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Dofus	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Fiesta	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Florensia	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Funshion	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Guildwars	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Isakmp	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Maplestory	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mgcp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Octoshape	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Off	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ps3	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Rmstream	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rfactor	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Splashfighter	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ssdp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Stealthnet	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Stun	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Teamspeak	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tor	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Veohtv	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Wii	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Wmstream	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Wofkungfu	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Xdcc	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Yourfreetunnel	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Facebook	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gamekit	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Facetime	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gmail	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Itunes	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Myspace	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Teamviewer	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Twitter	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Viber	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Antsp2p	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Imo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Netmotion	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ogg	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Openvpn	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Quicktime	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Spotify	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tango	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ultrabac	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Usenet	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tunnelvoice	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Scydo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Whatsapp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Flash	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mojo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Pcanywhere	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Mypeople	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Webex	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Netflix	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Implus	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ebuddy	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Msrp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ficall	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gotomeeting	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mig33	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Comodounite	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Goober	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Iplayer	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Operamini	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rdt	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Kakaotalk	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Nateontalk	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Naverline	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Callofduty	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Thunderhs	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Avi	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Wuala	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Wechat	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Soribada	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Icloud	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Googleplay	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Kugou	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Instagram	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Voipdiscount	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Vopium	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Plingm	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Pinterest	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Magicjack	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Spdy	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Amazoncloud	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Smartvoip	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rynga	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Icall	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Actionvoip	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Jumblo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Talkatone	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mapi	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Behavioral-p2p	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Behavioral-voip	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Behavioral-upload	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Behavioral-download	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Imessage	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Linkedin	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Google	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Poco	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ultrasurf	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Snapchat	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Truecaller	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cyberghost	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Googleplus	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Adobeconnect	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ustream	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Siri	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Softether	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Sudaphone	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Svtplay	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hyves	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Silverlight	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Blackdialer	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rodi **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Skydrive **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vtok **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Flickr **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Kuro **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Dropbox **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Heytell **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Bitcasa **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Clubbox **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tumblr **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Youtube **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Voxer **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hotspotvpn **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Applemaps	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Badoo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Facebook audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Facebook unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Facebook streaming-video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Foursquare	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Jap	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Monkey3	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Outlook	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vine	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Yahoomail	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Bbm	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Bbm unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Bbm audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Box	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Chikka	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Imgur	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Oist	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Oist unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Regram	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Regram unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vchat	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Bittorrent-sync	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cisco-jabber unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cisco-jabber audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cisco-jabber video	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cisco-jabber	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hls	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Lync unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Lync audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Lync video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Lync file-transfer	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Path	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Waze	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Youku	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Behavioral-video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Apple-store	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Blackberry-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hulu	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Igo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mapfactor	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mozy	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Navigon	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Nokia-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Opendrive	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Samsung-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Weibo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Windows-azure	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Windows-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Apple-push	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Didi	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Friendster	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Google-music	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Google-push	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hike-messenger	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Idrive	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Kik-messenger	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tagged	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Telegram	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Xing	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rhapsody	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Speedtest	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Twitch	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hbogo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Iheartradio	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Slacker-radio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Upc-phone-unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Upc-phone-audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Upc-phone	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Radio-Paradise	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Amazonmusic	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ssl	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Slingtv	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vessel	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vudu	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Go90	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Espn	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Crackle	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hbonow	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Beatport / Soundcloud / 8tracks/ Quic / Tunein-radio / Periscope / Amazonvideo / Showtime / Vevo / Mlb / Starz / Tmo-tv / Hgtv / Nbc-sports / Univision / Dish-anywhere / Fox-sports / Newsy / Fandor	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

show active-charging analyzer statistics name p2p verbose

Table 15: show active-charging analyzer statistics name p2p verbose Command Output Descriptions

Field	Description
Non-P2P	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Skype-non-voice **Important** The following counters are available only for 10.0 and earlier releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Skype-voice **Important** The following counters are available only for 10.0 and earlier releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Skype-non-voice **Important** The following counters are available only for release 11.0.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.

Field	Description
Skype-others **Important** The following counters are available only for 12.0 and later releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Skype-audio **Important** The following counters are available only for 11.0 and later releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Bittorrent	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Edonkey	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Msn-non-voice **Important** These counters are available only for 10.0 and earlier releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.

Field	Description
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Msn-voice **Important** These counters are available only for 10.0 and earlier releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Msn-video **Important** These counters are available only for 11.0 and later releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Msn-non-a/v **Important** These counters are available only for release 11.0.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Msn-others **Important** These counters are available only for release 12.0 and later releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.

Field	Description
Downlink Pkts:	The total number of packets downlinked.
Msn-audio **Important** These counters are available only for 11.0 and later releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Yahoo-non-voice **Important** These counters are available only for 10.0 and earlier releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Yahoo-voice **Important** These counters are available only for 10.0 and earlier releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Yahoo-non-audio **Important** The following counters are available only for release 11.0.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.

Field	Description
Yahoo-video **Important** These counters are available only for 12.0 and earlier releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Yahoo-others **Important** These counters are available only for 12.0 and earlier releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Yahoo-audio **Important** The following counters are available only for 11.0 and later releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Orb	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Gnutella	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.

Field	Description
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Jabber	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Slingbox	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Winny	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Fasttrack	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Manolito	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Pando	

Field	Description
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Filetopia	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Soulseek	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Ppstream	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Qq	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Qq unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Qq audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Qq video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Qqlive	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Mute	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Gadugadu	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Feidian	
Uplink Bytes:	The total number of bytes uplinked.

Field	Description
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Applejuice	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Zattoo	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Skinny	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Sopcast	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Ares	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.

Field	Description
Directconnect	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Imesh	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Pplive	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Oscar **Important** These counters are available only for 10.0 and earlier releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Oscar-non-voice **Important** These counters are available only for 10.0 and earlier releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Oscar-voice **Important** These counters are available only for 10.0 and earlier releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Oscar-non-audio **Important** The following counters are available only for 11.0 and later releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Oscar-video **Important** These counters are available only for 12.0 and earlier releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Oscar-others **Important** These counters are available only for 12.0 and earlier releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.

Field	Description
Oscar-audio **Important** The following counters are available only for 11.0 and later releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Popo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Irc	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Steam	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ddlink	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Halflife2	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hamachivpn	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tvants	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tvuplayer	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Uusee	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vpnx	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Vtun	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Winmx	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Wofwarcraft	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Xbox	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Iskoot	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Fring	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Oovoo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gtalk-non-voice **Important** The following counters are available only for 10.0 and earlier releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gtalk-voice **Important** The following counters are available only for 10.0 and earlier releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gtalk-non-audio **Important** The following counters are available only for 11.0 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Gtalk-video **Important** These counters are available only for 12.0 and earlier releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Gtalk-others **Important** These counters are available only for 12.0 and earlier releases.	
Uplink Bytes:	The total number of bytes uplinked.
Downlink Bytes:	The total number of bytes downlinked.
Uplink Pkts:	The total number of packets uplinked.
Downlink Pkts:	The total number of packets downlinked.
Gtalk-audio **Important** The following counters are available only for 11.0 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Freenet	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Aimini	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Battlefld	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Openft	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Qqgame	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Quake	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Secondlife	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Actsync	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Nimbuzz	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Iax	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Paltalk	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Warcft3	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rdp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Iptv	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Uplink Bytes	The total number of bytes uplinked.
Pandora unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Pandora ads	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Pandora	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Icecast	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Kontiki	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Meebo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Shoutcast	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Truphone	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Thunder	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Armagettron	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Blackberry	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Citrix	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Clubpenguin	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Crossfire	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Dofus	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Fiesta	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Florensia	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Funshion	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Guildwars	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Isakmp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Maplestory	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mgcp	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Octoshape	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Off	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ps3	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rmstream	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rfactor	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Splashfighter	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ssdp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Stealthnet	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Stun	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Teamspeak	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tor	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Veohtv	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Wii	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Wmstream	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Wofkungfu	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Xdcc	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Yourfreetunnel	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Facebook	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gamekit	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Facetime	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Facetime unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Facetime audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Facetime video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gmail	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Itunes	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Myspace	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Teamviewer	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Twitter	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Twitter streaming-video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Viber	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Viber unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Viber audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Antsp2p	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Imo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Netmotion	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ogg	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Openvpn	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Quicktime	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Spotify	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tango	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ultrabac	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Usenet	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tunnelvoice	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Scydo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Whatsapp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
MyPeople	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
RDT	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Flash	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mojo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Pcanywhere	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Webex	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Netflix	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Implus	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ebuddy	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Msrp	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ficall	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Gotomeeting	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mig33	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Comodounite	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Goober	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Iplayer	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Operamini	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Kakaotalk	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Kakaotalk Audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Kakaotalk Unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Nateontalk	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Naverline	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Callofduty	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Thunderhs	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Avi	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Wuala	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Wechat	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Soribada	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Icloud	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Googleplay	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Kugoo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Instagram	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Voipdiscount	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Voipdiscount unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Voipdiscount audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vopium	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vopium unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vopium audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Plingm	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Plingm unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Plingm audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Pinterest	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Magicjack	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Magicjack unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Magicjack audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Spdy	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Amazoncloud	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Smartvoip	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Smartvoip unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Smartvoip audio	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rynga	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rynga unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rynga audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Icall	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Icall unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Icall audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Icall video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Actionvoip	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Actionvoip unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Actionvoip audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Jumblo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Jumblo unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Jumblo audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Talkatone	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Talkatone unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Talkatone audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mapi	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Behavioral-p2p	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Behavioral-voip	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Behavioral-upload	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Behavioral-download	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Imessage	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Linkedin	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Google	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Poco	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ultrasurf	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Snapchat	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Truecaller	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cyberghost	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Googleplus	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Adobeconnect	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Ustream	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Siri	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Softether	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Sudaphone	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Svtplay	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hyves	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Silverlight	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Blackdialer-unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Blackdialer-audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rodi **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Skydrive **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vtok-unclassified **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Vtok-audio **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vtok-video **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Flickr **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Kuro **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Dropbox **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Heytell **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Bitcasa **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Clubbox **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Tumblr **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Youtube **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Voxer **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hotspotvpn **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Baidumovie **Important** The statistics for this protocol is supported from ADC plugin 1.5 and later releases.	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Applemaps	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Badoo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Facebook audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Facebook unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Foursquare	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Jap	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Monkey3	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Outlook	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vine	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Yahoomail	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Bbm	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Bbm unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Bbm audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Box	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Chikka	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Imgur	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Oist	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Oist unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Regram	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Regram unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vchat	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Bittorrent-sync	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cisco-jabber unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cisco-jabber audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cisco-jabber video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Cisco-jabber	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hls	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Lync unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Lync audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Lync video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Lync file-transfer	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Path	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Waze	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Youku	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Behavioral-video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Apple-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Blackberry-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hulu	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Igo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mapfactor	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Mozy	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Navigon	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Nokia-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Opendrive	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Samsung-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Weibo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Windows-azure	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Windows-store	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Apple-push	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Didi	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Friendster	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Google-music	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Google-push	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hike-messenger	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Idrive	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Kik-messenger	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Tagged	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Telegram	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Xing	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Rhapsody	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Speedtest	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Twitch	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hbogo	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Iheartradio unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Iheartradio ads	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Iheartradio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.

Field	Description
Downlink Pkts	The total number of packets downlinked.
Slacker-radio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Upc-phone-unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Upc-phone-audio	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Upc-phone	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Radio-Paradise	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Amazonmusic	
Uplink Bytes	The total number of bytes uplinked.

Field	Description
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Slingtv	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vessel	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vudu unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vudu streaming-video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Vudu	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

Field	Description
Go90 unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Go90 streaming-video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Go90	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Espn unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Espn streaming-video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Espn	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.

Field	Description
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Crackle unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Crackle streaming-video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Crackle	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hbonow unclassified	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hbonow streaming-video	
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.
Hbonow	

Field	Description
Uplink Bytes	The total number of bytes uplinked.
Downlink Bytes	The total number of bytes downlinked.
Uplink Pkts	The total number of packets uplinked.
Downlink Pkts	The total number of packets downlinked.

show active-charging analyzer statistics name pptp

Table 16: show active-charging analyzer statistics name pptp Command Output Descriptions

Field	Description
ACS PPTP Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Pkts	Total number of packets uplinked.
Total Downlink Pkts	Total number of packets downlinked.
Total GRE Sessions	Total number of GRE sessions.
Invalid PPTP Pkts	Total number of invalid PPTP packets.
Unknown PPTP Pkts	Total number of unknown PPTP packets.
ACS PPTP-GRE Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Pkts	Total number of packets uplinked.
Total Downlink Pkts	Total number of packets downlinked.

show active-charging analyzer statistics name rtp

Table 17: show active-charging analyzer statistics name rtp Command Output Descriptions

Field	Description
ACS RTP Session Stats:	

Field	Description
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Pkts	Total number of packets uplinked.
Total Downlink Pkts	Total number of packets downlinked.
Total Accel Pkts	Total number of accelerated RTP packets.

show active-charging analyzer statistics name sip

Table 18: show active-charging analyzer statistics name sip Command Output Descriptions

Field	Description
SIP Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Pkts	Total number of packets uplinked.
Total Downlink Pkts	Total number of packets downlinked.
Uplink Valid Bytes	Total number of valid bytes uplinked.
Downlink Valid Bytes	Total number of valid bytes downlinked.
Uplink Valid Pkts	Total number of valid packets uplinked.
Downlink Valid Pkts	Total number of valid packets downlinked.
Uplink Retry Bytes	Total number of retry bytes uplinked.
Downlink Retry Bytes	Total number of retry bytes downlinked.
Uplink Retry Pkts	Total number of retry packets uplinked.
Downlink Retry Pkts	Total number of retry packets downlinked.
Uplink Error Bytes	Total number of error bytes uplinked.
Downlink Error Bytes	Total number of error bytes downlinked.
Uplink Error Pkts	Total number of error packets uplinked.
Downlink Error Pkts	Total number of error packets downlinked.
SIP Calls	Total number of SIP calls.

Field	Description
SIP Advanced Session Stats	
Total Uplink Bytes	Total uplink bytes processed by SIP ALG.
Total Downlink Bytes	Total downlink bytes processed by SIP ALG.
Total Uplink Packets	Total uplink packets processed by SIP ALG.
Total Downlink Packets	Total downlink packets processed by SIP ALG.
Total SIP Calls	Total number of active SIP calls processed by SIP ALG.
Current SIP Calls	Current number of active SIP calls processed by SIP ALG.
Total SIP UDP Calls	Total number of SIP UDP calls processed by SIP ALG.
Current SIP UDP Calls	Current number of SIP UDP calls processed by SIP ALG.
Total SIP TCP Calls	Total number of SIP TCP calls processed by SIP ALG.
Current SIP TCP Calls	Current number of SIP TCP calls processed by SIP ALG.
SIP Request	Displays the following SIP Requests. • Register: Total REGISTER requests. • Invite: Total INVITE requests. • Ack: Total ACK requests. • Bye: Total BYE requests. • Info: Total INFO requests. • Prack: Total PRACK requests. • Refer: Total REFER requests. • Cancel: Total CANCEL requests. • Update: Total UPDATE requests. • Message: Total MESSAGE requests. • Options: Total OPTIONS requests. • Publish: Total PUBLISH requests. • Subscribe: Total SUBSCRIBE requests. • Notify: Total NOTIFY requests.
Total Received	Total number of SIP requests received by SIP ALG.
Total Transmitted	Total number of SIP requests transmitted by SIP ALG.
Retransmitted	Total number of SIP requests retransmitted by SIP ALG.

Field	Description
SIP Response	Displays the following SIP Responses. • 1XX: Total 1xx responses. • 2XX: Total 2xx responses. • 3XX: Total 3xx responses. • 4XX: Total 4xx responses. • 5XX: Total 5xx responses. • 6XX: Total 6xx responses.
Total Received	Total number of SIP responses received by SIP ALG.
Total Transmitted	Total number of SIP responses transmitted by SIP ALG.
Retransmitted	Total number of SIP responses retransmitted by SIP ALG.

show active-charging analyzer statistics name sip verbose

Table 19: show active-charging analyzer statistics name sip verbose Command Output Descriptions

Field	Description
ACS SIP Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Pkts	Total number of packets uplinked.
Total Downlink Pkts	Total number of packets downlinked.
Uplink Valid Pkts	Total number of valid packets uplinked.
Downlink Valid Pkts	Total number of valid packets downlinked.
Uplink Retry Pkts	Total number of retry packets uplinked.
Downlink Retry Pkts	Total number of retry packets downlinked.
Uplink Error Pkts	Total number of error packets uplinked.
Downlink Error Pkts	Total number of error packets downlinked.
Total SIP Calls	Total number of SIP calls.
Total SIP TCP Flows	Total number of SIP TCP flows.

Field	Description
Current SIP TCP Flows	Current number of SIP TCP flows.
Total SIP UDP Flows	Total number of SIP UDP flows.
Current SIP UDP Flows	Current number of SIP UDP flows.
SIP Request	Displays the following SIP Requests. • INVITE Requests • ACK Requests • REGISTER Requests • BYE Requests • CANCEL Requests • PRACK Requests • MESSAGE Requests • OPTIONS Requests • SUBSCRIBE Requests • REFER Requests • UPDATE Requests • INFO Requests • PUBLISH Requests • NOTIFY Requests
Total	Total number of SIP requests received by ECS SIP analyzer.
Retransmitted	Total number of SIP requests retransmitted by ECS SIP analyzer.
SIP Response	Displays the following SIP Responses. • 1xx • 2xx • 3xx • 4xx • 5xx • 6xx
Total	Total number of SIP responses received by ECS SIP analyzer.
Retransmitted	Total number of SIP responses retransmitted by ECS SIP analyzer.

Field	Description
SIP Advanced Session Stats	
Total Uplink Bytes	Total uplink bytes processed by SIP ALG.
Total Downlink Bytes	Total downlink bytes processed by SIP ALG.
Total Uplink Packets	Total uplink packets processed by SIP ALG.
Total Downlink Packets	Total downlink packets processed by SIP ALG.
Total SIP Calls	Total number of active SIP calls processed by SIP ALG.
Current SIP Calls	Current number of active SIP calls processed by SIP ALG.
Total SIP UDP Calls	Total number of SIP UDP calls processed by SIP ALG.
Current SIP UDP Calls	Current number of SIP UDP calls processed by SIP ALG.
Total SIP TCP Calls	Total number of SIP TCP calls processed by SIP ALG.
Current SIP TCP Calls	Current number of SIP TCP calls processed by SIP ALG.
SIP Request	Displays the following SIP Requests. • Register: Total REGISTER requests. • Invite: Total INVITE requests. • Ack: Total ACK requests. • Bye: Total BYE requests. • Info: Total INFO requests. • Prack: Total PRACK requests. • Refer: Total REFER requests. • Cancel: Total CANCEL requests. • Update: Total UPDATE requests. • Message: Total MESSAGE requests. • Options: Total OPTIONS requests. • Publish: Total PUBLISH requests. • Subscribe: Total SUBSCRIBE requests. • Notify: Total NOTIFY requests.
Total Received	Total number of SIP requests received by SIP ALG.
Total Transmitted	Total number of SIP requests transmitted by SIP ALG.
Retransmitted	Total number of SIP requests retransmitted by SIP ALG.

Field	Description
SIP Response	Displays the following SIP Responses. • 1XX: Total 1xx responses. • 2XX: Total 2xx responses. • 3XX: Total 3xx responses. • 4XX: Total 4xx responses. • 5XX: Total 5xx responses. • 6XX: Total 6xx responses.
Total Received	Total number of SIP responses received by SIP ALG.
Total Transmitted	Total number of SIP responses transmitted by SIP ALG.
Retransmitted	Total number of SIP responses retransmitted by SIP ALG.

show active-charging analyzer statistics name tcp

Table 20: show active-charging analyzer statistics name tcp Command Output Descriptions

Field	Description
Uplink In Sequence RST Pkts	The total number of uplink in-sequence RST packets received.
Downlink In Sequence RST Pkts	The total number of downlink in-sequence RST packets received.
Uplink Out of Order RST Pkts	The total number of uplink OOS RST packets received.
Downlink Out of Order RST Pkts	The total number of downlink OOS RST packets received.
Uplink Out of Window RST Pkts	The total number of uplinks Out of Window (OOW) RST packets received.
Downlink Out of Window RST Pkts	The total number of downlink OOW RST packets received.
Uplink Challenge-Ack RST Pkts	The total number of uplink challenge-ack packets received
Downlink challenge-ack RST Pkts	The total number of downlink challenge-ack packets received.
Uplink challenge-ack RST Pkts Timeout	The total number of uplink challenge-ack packets not received within 2msl time.
Downlink challenge-ack RST Pkts Timeout	The total number of downlink challenge-ack packets not received within 2msl time.

show active-charging analyzer statistics name tcp verbose

Table 21: show active-charging analyzer statistics name tcp verbose Command Output Descriptions

Field	Description
ACS TCP Session Stats:	
Total Uplink Bytes	The total number of bytes uplinked.
Total Downlink Bytes	The total number of bytes downlinked.
Total Uplink Pkts	The total number of packets uplinked.
Total Downlink Pkts	The total number of packets downlinked.
Uplink Bytes Retrans	The number of uplink bytes that were retransmitted.
Downlink Bytes Retrans	The number of downlink bytes that were retransmitted.
Uplink Pkts Retrans	The number of uplink packets that were retransmitted.
Downlink Pkts Retrans	The number of downlink packets that were retransmitted.
Uplink Zero len ACKs	The number of TCP zero length ACK packets uplinked.
Downlink Zero len ACKs	The number of TCP zero length ACK packets downlinked.
Total Non-Syn Flows	The number of total TCP flows without SYN.
Current Non-Syn Flows	The number of current TCP flows without SYN.
Uplink Out of Order Pkts Successfully Analyzed	The number of uplink out of order packets that were successfully analyzed.
Downlink Out of Order Pkts Successfully Analyzed	The number of downlink out of order packets that were successfully analyzed.
Uplink Out of Order Pkts Failure	The number of uplink out of order packets that failed.
Downlink Out of Order Pkts Failure	The number of downlink out of order packets that failed.
Uplink Out of Order Pkts Retransmitted	The number of uplink out of order packets that retransmitted.
Downlink Out of Order Pkts Retransmitted	The number of downlink out of order packets that retransmitted.
Downlink Window Size updated Pkts	The number of downlink packets whose packet window size was updated.
Uplink Out of Order Pkts Buffered	The number of uplink out of order packets buffered to validate the override of transmit-immediately configuration until x-header insertion is performed.
Downlink Out of Order Pkts Buffered	The number of downlink out of order packets buffered to validate the override of transmit-immediately configuration until x-header insertion is performed.

Field	Description
Uplink Bytes Invalid Length	The number of uplink bytes of invalid length.
Downlink Bytes Invalid Length	The number of downlink bytes of invalid length.
Uplink Pkts Invalid Length	The number of uplink packets of invalid length.
Downlink Pkts Invalid Length	The number of downlink packets of invalid length.
Uplink Bytes Out of Sequence	The number of uplink bytes out of sequence.
Downlink Bytes Out of Sequence	The number of downlink bytes out of sequence.
Uplink Pkts Out of Sequence	The number of uplink packets that were out of sequence.
Downlink Pkts Out of Sequence	The number of downlink packets that were out of sequence.
Uplink Bytes Invalid Close Wait	The total number of bytes received in uplink direction while system is in invalid wait state to close connection.
Downlink Bytes Invalid Close Wait	The total number of bytes received in downlink direction while system is in invalid wait state to close connection.
Uplink Pkts Invalid Close Wait	The total number of packets received in uplink direction while system is in invalid wait state to close connection.
Downlink Pkts Invalid Close Wait	The total number of bytes received in downlink direction while system is in invalid wait state to close connection.
Uplink Bytes Invalid Close State	The total number of bytes received in uplink direction while connection is in invalid closed state.
Downlink Bytes Invalid Close State	The total number of bytes received in downlink direction while connection is in invalid closed state.
Uplink Pkts Invalid Close State	The total number of packets received in uplink direction while connection is in invalid closed state.
Downlink Pkts Invalid Close State	Total number of packets received in downlink direction while connection is in invalid closed state.
Uplink Bytes Out of Order Timeout Failure	The total number of bytes received in uplink direction while timeout duration to wait for out of order packets is exhausted.
Downlink Bytes Out of Order Timeout Failure	The total number of bytes received in downlink direction while timeout duration to wait for out of order packets is exhausted.
Uplink Pkts Out of Order Timeout Failure	The total number of packets received in uplink direction while timeout duration to wait for out of order packets is exhausted.
Downlink Pkts Out of Order Timeout Failure	The total number of bytes received in downlink direction while timeout duration to wait for out of order packets is exhausted.
Uplink Bytes Out of Order Failure in Allocation	The total number of bytes received in uplink direction while allocation of out of order packet is failed.

Field	Description
Downlink Bytes Out of Order Failure in Allocation	The total number of bytes received in downlink direction while allocation of out of order packet is failed.
Uplink Pkts Out of Order Failure in Allocation	The total number of packets received in uplink direction while allocation of out of order packet is failed.
Downlink Pkts Out of Order Failure in Allocation	The total number of packets received in downlink direction while allocation of out of order packet is failed.
Uplink Pkts Invalid Window Size	The total number of packets received in uplink direction with invalid window size for buffer.
Uplink Bytes Invalid Window Size	The total number of bytes received in uplink direction with invalid window size for buffer.
Downlink Pkts Invalid Window Size	The total number of packets received in downlink direction with invalid window size for buffer.
Downlink Bytes Invalid Window Size	Total number of bytes received in downlink direction with invalid window size for buffer.
Uplink Pkts Invalid Checksum	The total number of packets received in uplink direction with invalid checksum errors.
Uplink Bytes Invalid Checksum	The total number of bytes received in uplink direction with invalid checksum errors.
Downlink Pkts Invalid Checksum	The total number of packets received in downlink direction with invalid checksum errors.
Downlink Bytes Invalid Checksum	The total number of bytes received in downlink direction with invalid checksum errors.

show active-charging analyzer statistics name tftp

Table 22: show active-charging analyzer statistics name tftp Command Output Descriptions

Field	Description
ACS TFTP Session Stats:	
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total Uplink Packets	Total number of packets uplinked.
Total Downlink Packets	Total number of packets downlinked.
Total Read Sessions	Total number of read sessions.

Field	Description
Total Write Sessions	Total number of write sessions.
Total Invalid Control Packets	Total number of invalid control packets.
Total Invalid Data Packets	Total number of invalid data packets.
Total Packets with Unknown Request Type	Total number of packets with unknown request type.

show active-charging bandwidth-policy name

Table 23: show active-charging bandwidth-policy name Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
Bandwidth Policy Name	Name of the bandwidth policy.
Flow Limit-for-Bandwidth ID and Group-ID Associations:	
Flow Limit-for-Bandwidth ID	The ACS flow limit-for-bandwidth ID.
Group-ID	The ACS Bandwidth Policy Group ID.
Total number of bw-ids configured in Bandwidth-Policy <policy>	The total number of bandwidth IDs configured in the specified bandwidth policy.
Group-Limits for Group-ID	The group limits set for the group ID.
Rates & Actions	Lists the following rates and actions: • Peak Data Rate • Peak Burst Size • Violate Action • Committed Data Rate • Committed Burst Size • Exceed Action

Field	Description
Uplink	For bandwidth control in uplink direction indicates: • Peak data rate in bits per second • Peak burst size in bytes • Violate action configured: discard/lower-ip-precedence • Committed data rate in bits per second • Committed burst size in bytes • Exceed action configured: discard/lower-ip-precedence
Downlink	For bandwidth control in downlink direction indicates: • Peak data rate in bits per second • Peak burst size in bytes • Violate action configured: discard/lower-ip-precedence • Committed data rate in bits per second • Committed burst size in bytes • Exceed action configured: discard/lower-ip-precedence
Total number of group-limits configured in Bandwidth-Policy <policy>	The total number of group limits configured in the specified bandwidth policy.
Total bandwidth-policies found	The total number of bandwidth policies matching the specified criteria.

show active-charging charging-action all

Table 24: show active-charging charging-action all Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
Charging Action Name	Name of the charging action. There may be several charging actions configured per charging service.
Content ID	The content ID to use in the generated billing records as the Rating-Group Attribute Value Pair (AVP) for this charging action.
Service ID	Service identifier value configured in the Charging Action mode.
PCO	Specifies the PCO value.

Field	Description
EDRs	Indicates whether Event Detail Record (EDR) billing action for packets matching this charging action is enabled, and the EDR format. **Important** This field is available only in 12.1 and earlier releases.
Charging EDRs	Indicates whether EDR billing action for packets matching this charging action is enabled, and the charging EDR format name. **Important** This field is available only in 12.2 and later releases.
Reporting EDRs	Indicates whether EDR billing action for packets matching this charging action is enabled, and the reporting EDR format name. **Important** This field is available only in 12.2 and later releases.
EGCDRs	Indicates whether eG-CDRs for billing of the packets matching with this charging action is enabled.
UDRs	Indicates whether UDR generation is enabled.
Flow Idle Timeout	Displays the idle-timeout for flows inspected by ECS.
Limit For Flow Type	Indicates whether Limit For Flow Type is enabled/disabled.
Limit For Uplink Bandwidth	Indicates whether Limit For Uplink Bandwidth is enabled/disabled.
Limit For Downlink Bandwidth	Indicates whether Limit For Downlink Bandwidth is enabled/disabled.
Throttle-Suppress Timeout	Displays the configured timeout value in seconds or displays "n/a" if not configured.
QoS Renegotiate Traffic-Class	Indicates whether QoS Renegotiate Traffic-Class is enabled/disabled.
QoS Class Identifier	Indicates whether QoS Class Identifier is configured.
IP Type of Service	Indicates whether IP Type of Service is configured.
Flow-Mapping Idle Timeout	Indicates the flow-mapping timeout value, in seconds.
DNS Proxy Bypass	Indicates whether DNS Proxy Bypass is enabled/disabled. If enabled, the DNS packets bypass interception at the session manager when readdressing for flow occurs, and go through ECS-based DNS redirection.
Count Retransmissions	Indicates whether Count Retransmissions is enabled.
Content Filtering	Indicates whether Content Filtering is enabled.
Type of Service	Displays the service type (PDSN, GGSN, etc.)
Count Retries	Indicates if the ECS service is counting retransmitted packets per subscriber.

Field	Description
GCDRs	Indicates if G-CDRs are enabled or disabled.
Discard	Specifies if the packets that match the flow should be discarded.
Credit Control	Specifies if credit control is being used in this charging action
Xheader-Insert	Indicates the x-header format name.
Message Type	Indicates the message type - Request or Response.
DNS Tethering Hostnames Cache	Indicates whether caching from DNS flows for DNS-based tethering detection is enabled or disabled.
Flow Action	
Redirect URL	Indicates whether the redirection of URL for packets that matches a ruledef is enabled/disabled. If enabled, redirects the HTTP packets matched to this Ruledef to the specified URL.
Clear Quota Retry Timer	Indicates whether Clear Quota Retry Timer is enabled/disabled. If enabled, resets the Credit Control Application quota retry timer for specific subscriber upon redirection.
Conditional Redirect	Indicates whether Conditional Redirect end token action is enabled/disabled. If enabled, conditionally redirects the HTTP packets matched to a configured user-agent to a specified URL.
Discard	Indicates whether discard action is enabled/disabled. If enabled, discards the packet associated with the charging action.
Terminate-Flow	Indicates whether terminate flow action is enabled/disabled. If enabled, terminates the TCP connection gracefully between the subscriber and external server and sends a TCP FIN to the subscriber and a TCP RST to the server. If the flow does not use TCP, this option simply discard the packets. This option is used for flows that use TCP only.
PCO-Custom1 Value	Indicates the configured PCO value. Displays n/a if this value is not configured.
PCO-Custom1-10 value	Indicates the action value for multiple operator-specific PCOs.The value can range from 1 to 10.
Rulebase Change	Indicates whether the rulebase change action is enabled/disabled. If enabled, displays the name of the rulebase the call should be changed to when the charging action is applied.
Billing Action	
Event Data Record	Indicates whether EDRs are enabled/disabled.
GGSN charging Data Record	Indicates whether GGSN CDRs are enabled/disabled.

Field	Description
User Data Record	Indicates whether UDRs are enabled/disabled.
Radius Accounting Record	Indicates whether RADIUS accounting records is enabled/disabled.
Charge Volume	Indicates the charge volume for packet-length (payload).
Predefined Rule Deactivation	Indicates whether the predefined rule/Group of ruledefs deactivation is enabled/disabled.
Total charging action(s) found	The number of charging actions that matched the criteria.
Readdressing	Indicates whether CAE re-addressing on the Mobile Video Gateway is enabled or disabled. **Important** In release 20.0, MVG is not supported. For more information, contact your Cisco account representative.
Percentage Rate Reduction	If enabled, indicates the configured bit rate reduction for mobile video as a percentage of the input bit rate. **Important** In release 20.0, MVG is not supported. For more information, contact your Cisco account representative.
TFT updates to UE	Indicates if the selective TFT suppression feature is enabled or disabled for all bearers including default and dedicated bearers.

show active-charging charging-action name

Table 25: show active-charging charging-action name Command Output Description

Field	Description
Encryption Type	Indicates the encryption algorithm used, which is either rc4md5 or aes-256-gcm
Salt	Indicates if the salt flag is turned on or off.
Key	Indicates the key that is used for encryption of xheader fields. **Note** The supported length for rc4md5 is 8 to 15 string size and for aes256gcm, the su length is 32 string size, which is equal to 256 bits.

show active-charging charging-action statistics name

Table 26: show active-charging charging-action statistics name Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
Charging Action Name	Name of the charging action. There are be several charging actions per charging service.
Uplink Pkts Retrans	Total number of uplink packets that were retransmitted.
Downlink Pkts Retrans	Total number of downlink packets that were retransmitted.
Uplink Bytes Retrans	Total number of uplink bytes that were retransmitted.
Downlink Bytes Retrans	Total number of downlink bytes that were retransmitted.
Upl Pkts Readdressed	Total number of readdressed uplink packets.
Dnl Pkts Readdressed	Total number of readdressed downlink packets.
Upl Bytes Readdressed	Total number of readdressed uplink bytes.
Dnl Bytes Readdressed	Total number of readdressed downlink bytes.
PP Upl Pkts Readdressed	Total number of post-processed uplink packets readdressed.
PP Dnl Pkts Readdressed	Total number of post-processed downlink packets readdressed.
PP Upl Bytes Readdressed	Total number of post-processed uplink bytes readdressed.
PP Dnl Bytes Readdressed	Total number of post-processed downlink bytes readdressed.
Bytes Charged Yet Packet Dropped	Total number of bytes charged although packet is dropped. For example, a concatenated HTTP GET packet contains one complete GET request and part of another GET request (partial). The partial packet gets completed in the next HTTP packet but is eventually dropped for some reason. In this case, the partial bytes of the GET request are charged in the earlier packet, however, the packet as a whole is dropped.
Predef-Rules Deactivated	Total number of times predefined rules/Group of ruledefs is deactivated via charging action.
Throttle-Suppress Stats:	
Uplink Bytes	Total number of uplink bytes for which bandwidth limiting is suppressed.
Downlink Bytes	Total number of downlink bytes for which bandwidth limiting is suppressed.
Readdressing Failures Statistics (Packets):	
Non SYN Flow	Total number of readdressing packets with a non SYN flow failure.

Field	Description
Duplicate Key	Total number of readdressing packets with a duplicate key failure.
Dropped Pkts	Total number of packets discarded on readdressing failure. If the **discard-on-failure** option is not enabled using the **flow action readdress** command, this value will be zero.
XHeader Information:	
For Request	
XHeader Bytes Injected	Total number of x-header bytes injected for Request messages.
XHeader Pkts Injected	Total number of x-header packets injected for Request messages.
XHeader Bytes Removed	Total number of x-header bytes removed for Request messages as a result of the anti-spoofing feature configuration.
XHeader Pkts Removed	Total number of x-header packets removed for Request messages as a result of the anti spoofing feature configuration.
IP Frags consumed by XHeader	Total number of IP fragments consumed by x-header enrichment for Request messages.
For Response	
XHeader Bytes Injected	Total number of x-header bytes injected for Response messages.
XHeader Pkts Injected	Total number of x-header packets injected for Response messages.
XHeader Bytes Removed	Total number of x-header bytes removed for Response messages as a result of the anti-spoofing feature configuration.
XHeader Pkts Removed	Total number of x-header packets removed for Response messages as a result of the anti-spoofing feature configuration.
IP Frags consumed by XHeader	Total number of IP fragments consumed by x-header enrichment for Response messages.
For Local Response	
XHeader Bytes Injected	Total number of x-header bytes injected for local Response messages.
XHeader Pkts Injected	Total number of x-header packets injected for local Response messages.
NCQoS Discarded Packets:	
Rule Bound elsewhere	Total number of rules bound elsewhere.
Rule Binding pending	Total number of rule binding pending.
Unbound Rule hit	Total number of unbound rule hits.
Statistic	Statistic type.
flow-action	Total number of matching flows/sessions/packets for the statistic.

Field	Description
pp-flow-action	Total number of matching flows/sessions/packets for the statistic.
flow-limit	Total number of matching flows/sessions/packets for the statistic.
bandwidth-limit	Total number of matching flows/sessions/packets for the statistic.
Total Charging Action(s) matched	Total number of charging actions matching the criteria.
CAE-Readdressing:	
Requests CAE-Readdressed	Total number of request readdressing done.
Responses CAE-Readdressed	Total number of response readdressing done.
Requests having xheader inserted	Total number of HTTP requests with x-headers inserted.
Total CAE-Readdressed Uplink Bytes	Total number of uplink bytes readdressed.
Total CAE-Readdressed Uplink Packets	Total number of uplink packets readdressed.
Total CAE-Readdressed Downlink Bytes	Total number of downlink bytes readdressed.
Total CAE-Readdressed Downlink Packets	Total number of downlink packets readdressed.
Total Charging action hit - Req. Readdr.	Total number of charging action hits based on HTTP request.
Total Charging action hit - Resp. Readdr	Total number of charging action hits based on HTTP response.
Proxy Disable Success	Total number of flows with proxy disabled.
Flows connected to CAE	Total number of flows connected to the CAE.
CAE Readdressing Error Conditions	
Total connect failed to CAE	Total number of connections failed to the CAE.
Req. Readdr. - pipelined case	Total number of pipelined requests skipped from doing readdressing.
Resp. Readdr. - pipelined case	Total number of pipelined response skipped from doing readdressing.
Req. Readdr. - Socket Mig. failed	Total number of TCP socket migration failure during request readdressing.
Skipped Resp. Readdr. - partial resp hdr	Total number of response readdressing skipped due to partial response.
Resp. Readdr. - Socket Mig. failed	Total number of TCP socket migration failure during response readdressing.
Total CAE load balancer failed	Total number of load balancer failures to find the video server (CAE) for readdressing.

Field	Description
Total MVG xheader insertion failed	Total number of MVG x-header insertion failures. **Important** In release 20.0, MVG is not supported. For more information, contact your Cisco account representative.
Proxy Disable Failed	Total number of times the proxy disable function failed.
Strip URL:	
Successful Token stripped	Total number of tokens stripped successfully.
Total strip URL failure	Total number of URL token stripping failures.
Failure - Missing config	Total number of failures due to missing configuration.
Failure - Existing flow bid	Total number of failures due to existing flow action bid.
Failure - Token matching failed	Total number of failures due to token match fail.
Failure - Empty packet	Total number of failures due to empty packet.
Failure - Req end not found	Total number of failures due to request end not found.
Failure - Subset of big token	Total number of failures due to subset of big token.
URL-Readdressing:	
Requests URL-Readdressed	Total number of URL re-addressed requests.
Total Charging action hit - Req. Readdr.	Total number of charging action hits based on request re-addressing.
Proxy Disable Success	Total number of flows the proxy disabled successfully.
Flows connected to URL Server	Total number of flows connected to URL server.
URL Readdressing Error Conditions:	
Total connect failed to URL Server	Total number of failed connections to the URL server.
URL Readdress - pipelined case	Total number of pipelined requests skipped during URL re-addressing.
URL Readdress - Socket Mig. failed	Total number of TCP socket migration failure during URL re-addressing.
Proxy Disable Failed	Total number of times the proxy disabled function failed.

show active-charging content-filtering category policy-id all

Table 27: show active-charging content-filtering category policy-id all Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
Content Filtering Policy	The Content Filtering Policy ID.
Content Filtering Categories	
Category	Category of the content rated.
Priority	Priority of the CF category in the CF Policy.
Action	Action taken for the indicated result of CF analysis.
Content Insert	The content string inserted in place of message returned from prohibited or restricted site or content server.
Redirect	The URL to redirect subscribers.
Reply Code	The reply code specified for www-reply-code-and-terminate-flow action.
EDR	The EDR file format name to generate separate CF EDRs based on action and content category.
Failure Action	The failure end condition if rating cannot be performed.
Discarded-Flow-Content-ID	The content ID for the discarded flows. If not configured, this field is not displayed.

show active-charging content-filtering category statistics rulebase name

Table 28: show active-charging content-filtering category statistics rulebase name Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service in which category-based content filtering application is configured.
Rulebase Name	Name of rulebase for category-based content filtering application.
Content Filtering Statistics	
Flows discarded	Total number of flows discarded in content filtering application.

Field	Description
Flows redirected	Total number of flows redirected in content filtering application.
Flows allowed	Total number of flows allowed in content filtering application.
Flows terminated	Total number of flows terminated in content filtering application.
Flows discarded with content insertion	Total number of flows discarded and information content inserted in header of flow in content filtering application.
Total Flows blocked	Total number of flows blocked in content filtering application.
Total Number of dynamic DB lookups	Total number of lookups in dynamic database for Category-based Content Filtering application. This counter is not available in 9.0 and later releases.
Total number of static DB lookups	Total number of lookups in static URL database for category based content filtering application.
Total number of successful Cache lookups	The total number of successful lookups in cache memory for URLs. **Note** From Release 21.4, this field is excluded from the output in support of the Talos Security Intelligence Database Support for URL Classification feature.
Total number of unknown URLs	Total number of flows/requests with unknown URL.
Actions For Rating Attempts Not Completed	
Flows discarded	Total number of flows discarded in content filtering application.
Flows redirected	Total number of flows redirected in content filtering application.
Flows allowed	Total number of flows allowed in content filtering application.
Flows terminated	Total number of flows terminated in content filtering application.
Flows discarded with content insertion	Total number of flows discarded and information content inserted in header of flow in content filtering application.
Total Flows blocked	Total number of flows blocked in content filtering application.

Field	Description
Time taken for rating	A URL is classified (rated) as belonging to a distinct category (search, portal, etc.). This column displays the time taken to rate the URL in ms, in time slots of 100 ms, up to 1000 ms, and above 1000 ms. **Note** From Release 21.4, the following changes are made to the statistics of this field in support of the Talos Security Intelligence Database Support for URL Classification feature: • The **> 50ms** value is excluded from the output. • The following sub-fields are added to the "Time taken for rating" field: • 50-100ms • 100-200ms • 200-300ms • 300ms
Number of URLs	Indicates the number of URLs rated in each time slot.
Number of URLs (SRDB)	Indicates the number of URLs rated in a specific time slot from static rating database (SRDB).
Number of URLs (Cache)	Indicates the number of URLs rated in a specific time slot from the cached list of URLs in memory.
Attempts not completed	Indicates the number of URL rating attempts not completed.
Total rulebases matched	Total number of rulebases that matched the criteria.

show active-charging content-filtering category statistics

Table 29: show active-charging content-filtering category statistics Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service in which category-based content filtering application is configured.
Cumulative Content Filtering Statistics:	
Flows discarded	Total number of flows discarded.
Flows redirected	Total number of flows redirected.
Flows allowed	Total number of flows allowed.
Flows terminated	Total number of flows terminated.

Field	Description
Flows discarded with content insertion	Total number of flows discarded and content inserted in header of flow.
Total Flows blocked	Total number of flows blocked.
Total Number of dynamic DB lookups	Total number of lookups in dynamic database. This counter is not available in 9.0 and later releases.
Total number of static DB lookups	Total number of lookups in static URL database.
Total number of successful Cache lookups	Total number of successful URL lookups in cache memory. **Note** From Release 21.4, this field is excluded from the output in support of the Talos Security Intelligence Database Support for URL Classification feature.
Total number of unknown URLs	Total number of flows/requests with unknown URL.
Failure Action (Rating Attempts Not Completed):	
Flows discarded	Total number of flows discarded due to failure action.
Flows redirected	Total number of flows redirected due to failure action.
Flows allowed	Total number of flows allowed due to failure action.
Flows terminated	Total number of flows terminated due to failure action.
Flows discarded with content insertion	Total number of flows discarded and information content inserted in header of flow due to failure action.
Total Flows blocked	Total number of flows blocked due to failure action.
Time taken for rating	A URL is classified (rated) as belonging to a distinct category (search, portal, etc.). This column displays the time taken to rate the URL in ms, in time slots of 100 ms, up to 1000 ms, and above 1000 ms. **Note** From Release 21.4, the following changes are made to the statistics of this field in support of the Talos Security Intelligence Database Support for URL Classification feature: • The > **50ms** value is excluded from the output. • The following sub-fields are added to the “Time taken for rating” field: • 50-100ms • 100-200ms • 200-300ms • 300ms

Field	Description
Number of URLs	Total number of URLs rated in each time slot.
Attempts not completed	Total number of URL rating attempts not completed.
Cumulative Dynamic Content Filtering Statistics	
Dynamic Flows discarded	Total number of dynamic flows discarded.
Dynamic Flows redirected	Total number of dynamic flows redirected.
Dynamic Flows allowed	Total number of dynamic flows allowed.
Dynamic Flows terminated	Total number of dynamic flows terminated.
Dynamic Flows discarded with content insertion	Total number of dynamic flows discarded and content inserted in header of flow.
Total Dynamic Flows blocked	Total number of dynamic flows blocked.
Total Number of dynamic lookups	Total number of dynamic lookups.
Total number of unknown URLs	Total number of flows/requests with unknown URLs.
Response codes not in range 2xx	Number of responses that were not sent for dynamic rating as the response was not in the 2xx range.
Dynamic Failure Action (Rating Attempts Not Completed):	
Flows discarded	Total number of flows discarded due to failure action.
Flows redirected	Total number of flows redirected due to failure action.
Flows allowed	Total number of flows allowed due to failure action.
Flows terminated	Total number of flows terminated due to failure action.
Flows discarded with content insertion	Total number of flows discarded and information content inserted in header of flow due to failure action.
Total Flows blocked	Total number of flows blocked due to failure action.
Time taken for Dynamic rating	A URL is classified (rated) as belonging to a distinct category (search, portal, etc.). This column displays the time taken to rate the URL in ms, in time slots of 100 ms, up to 1000 ms, and above 1000 ms.
Number of URLs	Total number of URLs rated in each time slot.
Attempts not completed	Total number of URL rating attempts not completed.
Number of Packets Hit per Category	Indicates the specific category and the number of packets hit per category. If during runtime, an x-category was added, the x-category is also displayed.

Field	Description
Number of Packets Blocked per Category	Indicates the specific category and the number of packets blocked per category. If during runtime, an x-category was added, the x-category is also displayed.
Total Responses Inspected	Indicates the number of responses eligible for dynamic rating (i.e. rated as UNKNOW / DYNAM by static rating when dynamic rating is enabled)
Responses Buffered	Indicates the number of responses actually buffered.
Total Dynamic Lookups	Indicates the total number of dynamic lookups of URLs.
Lookups Completed	Indicates the total number of lookups completed.
Responses Too Big	Indicates the size of response more than the maximum value allowed (256KB).
Out of Rating Buffer	Indicates the out of rating buffer limit.
Min Response Size	Indicates the size of the smallest response inspected.
Max Response Size	Indicates the size of the largest response inspected.
Session QLimit Exceeded	Indicates the number of times we exceeded queue limit for a session (i.e. limit on number of packets that can be queued).
Max Pkt per Session	Indicates the maximum number of packets buffered for a single session.
Current Active Sessions	Indicates the current number of responses subjected to dynamic CF.
Max Active Sessions	Indicates the maximum number of responses subjected to dynamic CF simultaneously.

show active-charging content-filtering server-group name

Table 30: show active-charging content-filtering server-group name Command Output Descriptions

Field	Description
Content Filtering Group	Name of the Content Filtering Server Group (CFSG).
Context	The context in which the CFSG is configured.
Origin Address	IP address of the origin endpoint or ICAP client.
Response Timeout	The response-timeout duration configured to wait for response.
Connection Retry Timeout	The connection retry timeout duration configured to check the TCP connection status between ICAP sever and client.
Dictionary	The dictionary used for encoding requests to the server(s).
Timeout Action	The action configured for connection timeout.
Deny Message	The text string message that is returned to the subscriber in a deny response.

Field	Description
URl-extraction	The ICAP URL extraction mode: • after-parsing: Percent-encoded hex characters in URLs sent from the ACF client to the ICAP server are converted to corresponding ASCII characters and sent. • raw: The URLs contain percent-encoded hex characters as is.
Content Filtering Group Connections	The total number of CF server group connections open.
Priority	Displays the priority of the CF server for which statistics has to be displayed.
ICAP Address (Port)	Displays the IP address and port number of ICAP server within CF Server Group.
Max Outstanding	The total number of unanswered outstanding messages to this ICAP server.
ACSMgr Instance	Number of ACS Manager instance.
Connection State	Status of ACS Manager instance for CF server group connection.
Total content filtering groups matching specified criteria	The total number of CFSG matching the criteria.

show active-charging content-filtering server-group statistics verbose

Table 31: show active-charging content-filtering server-group statistics verbose Command Output Descriptions

Field	Description
Content Filtering Group	Name of the Content Filtering Server Group (CFSG).
Connection Statistics	
Current Open Connections	Total number of open connections.
Connection DHOST requests	Total number of DHOST requests.
Successful Connections	Total number of successful connections.
Connections DHOST remove	Total number of connections removed from DHOST.
Connection SHUTDOWN req	Total number of requests for SHUTDOWN.
ACF Unreachable(read)	Total number of attempts for Active Content Filter server (ICAP server) to read.
ACF Unreachable(write)	Total number of attempts for Active Content Filter server (ICAP server) to write.
Reconnect attempts	Total number of reconnect attempts for ACF server (ICAP server).

Field	Description
Connection Timeout	Total number of connections timeout after reconnect attempts for ACF server (ICAP server).
Connection Failure Statistics	
Connection DHOST errors	Total number of DHOST errors in connection.
Connection CONNECT error	Total number of CONNECT errors in connection.
Socket open errors	Total number of errors due to SOCKET open in connection.
Connection bind errors	Total number of BIND errors in connection.
Connection setvr errors	Total number of SETVER errors in connection.
Connection NONBLOCK errors	Total number of NONBLOCK errors in connection.
Connection SHUTDOWN errors	Total number of SHUTDOWN errors in connection.
Incomplete 3-way handshaking	Total number of errors due to incomplete 3-way handshaking in TCP connection.
ACF Statistics	
ACF Requests Created	Total number of requests created for ACF.
Response Timeout	Total number of response timeout for requests to ACF.
Write request success	Total number of successful WRITE requests.
Write request failed	Total number of failed WRITE requests.
Read response success	Total number of successful READ response.
Read response failed	Total number of failed READ response.
HTTP Permit	Total number of HTTP URLs permitted from ACF.
WAP Permit	Total number of WAP URLs permitted from ACF.
HTTP Deny	Total number of HTTP URLs denied from ACF.
WAP Deny	Total number of WAP URLs denied from ACF.
HTTP Redirect	Total number of HTTP URLs redirected from ACF.
WAP Redirect	Total number of WAP URLs redirected from ACF.
RTSP Permit	Total number of RTSP URLs permitted from ACF.
RTSP Deny	Total number of RTSP URLs denied from ACF.
RTSP Redirect	Total number of RTSP URLs redirected from ACF.
Client Errors(4xx)	Total number of client ICAP response errors.

Field	Description
Server Errors(5xx)	Total number of server ICAP response errors.
Invalid ACTION	Total number of invalid ACTION message from ACF.
Redirect URL not defined	Total number of errors due to undefined redirect URL.
Buffer List Empty	Total number of errors due to empty buffer list.
Failure Action (communication failure with server-group):	
Permit	Total number of connections permitted after connection failure.
Content Insertion	Total number of connections with content inserted after connection failure.
Discard	Total number of connections discarded after connection failure.
Terminate Flow	Total number of connections terminated after connection failure.
Redirect URL	Total number of connections redirected after connection failure.
Total action taken	Total number of actions taken after connection failure.
Num pkts dropped for DENY	Total number of packets dropped after denying the connection due to failure in connection.
Num pkts dropped for REDIRECT	Total number of packets dropped after redirecting the connection due to failure in connection.
Num pkts dropped for DENY Timeout action	Total number of packets dropped after denying the connection due to timeout action.
Num pkts dropped for REDIRECT Timeout action	Total number of packets dropped after redirecting the connection due to timeout action.
Failure Action (communication with server-group not attempted):	ICAP stats indicating failure (like memory allocation failure, server connection error, etc) on ICAP before a request is sent to the ICAP server.
Permit	Total number of connections permitted after connection failure.
Content Insertion	Total number of connections with content inserted after connection failure.
Discard	Total number of connections discarded after connection failure.
Terminate Flow	Total number of connections terminated after connection failure.
Redirect URL	Total number of connections redirected after connection failure.
ACF Req Error Statistics	Statistics related to ACF request errors.
Host field Null	Total number of HTTP GET requests which has the host field NULL.
URL Invalid	Total number of nonblank URLs with strlen != 0 but URL having " ", \t, \n characters only.

Field	Description
Host same as ICAP server:port	Total number of HTTP GET requests with host same as the configured ICAP server port.
ACF Resp Parse Statistics	Statistics related to ACF response parsing.
Parse ACF resp success	Total number of successful ACF parse response.
Parse ACF resp ver err	Total number of successful ACF parse response version error.
Misc Statistics	Miscellaneous statistics.
Total pkts sent	Total number of packets sent through ICAP connection.
Invalid ACF group config	Total number of errors due to invalid CF Server Group (Active Content Filter server groups) configuration.
Invalid bind address	Total number of errors due to invalid binding address configuration.
Invalid ICAP address	Total number of errors due to invalid ICAP server addresses.
ICAP queue length statistics	
SessionMgr ID	Session Manager ID.
ICAP queue length	Queue size of outstanding ICAP requests per Session Manager.
Histogram of ICAP Server's Response time	
Response Time(ms)	Response time slots, in milliseconds.
No Of Responses	Number of responses per time slot.

show active-charging credit-control misc-info max-backpressure

Table 32: show active-charging credit-control misc-info max-backpressure Command Output Descriptions

Field	Description
Instance	The session manager instance number.
Max-backpressure	The maximum number of sessions that are in backpressured (unable to send message due to message queue being full) state for all active or specific session manager instance(s).
Time	The timestamp at which the maximum backpressure happened.
Current-Backpressured	Number of sessions that are currently in backpressured state.

Field	Description
Monitoring-time	The timestamp from when the backpressure monitoring is happening. This field helps to know when the last time reset is applied.

show active-charging credit-control session-states

Table 33: show active-charging credit-control session-states Command Output Descriptions

Field	Description
Charging	Number of sessions/categories in charging state.
NoCharge	Number of sessions/categories in free-of-charge (received 4011 at MSCC level) state.
Blacklist Service Denied	Number of sessions/categories in Service-Denied (received 4010 at MSCC level) state.
In releases prior to StarOS 21.26: Blacklist Rating Failed From StarOS 21.26 and later releases: Blockedlist Rating Failed	Number of sessions/categories in Rating-Failed (received 5031 at MSCC level) state.
In releases prior to StarOS 21.26: Blacklist Auth Rejected From StarOS 21.26 and later releases: Blockedlist Auth Rejected	Number of sessions/categories in Auth-Rejected (received 5003 or 5012 at MSCC level) state.
Blacklist Limit Reached From StarOS 21.26 and later releases: Bockedlist Limit Reached	Number of sessions/categories in Limit-Reached (received 4012 at MSCC level) state.
Blacklist Final Unit From StarOS 21.26 and later releases: Blockedlist Final Unit	Number of sessions/categories in FUI-Terminated state at MSCC level.
In releases prior to StarOS 21.26: Blacklist Other From StarOS 21.26 and later releases: Blockedlist Other	Number of sessions/categories in Blockedlisted state after recovery.
Pending Initial Request	Number of sessions pending for Initial Credit-Control Answer from the server.

Field	Description
Pending Update Request	Number of sessions pending for Update Credit-Control Answer from the server.
Pending Terminate Request	Number of sessions pending for Terminate Credit-Control Answer from the server.
Pending Event Request	Number of sessions pending for Credit-Control Answer Event message from the server.
Backpressured	Number of sessions/categories in backpressured (unable to send message due to message queue being full) state.
Assume-Positive	Number of sessions currently in Assume Positive state. **Important** This statistic is customer-specific. For more information, please contact your local Cisco account representative.

show active-charging credit-control statistics

Table 34: show active-charging credit-control statistics Command Output Descriptions

Field	Description
Active Charging Service	Name of the Active Charging Service.
Credit Control Group	Name of the credit control group. This field is displayed only if there are credit control group(s) configured.
CC Session Stats	
Total Current Sessions	Total number of credit control sessions active.
Total ECS Adds	Total number of ECS sessions added to credit control application.
Total CC Starts	Total number of credit control sessions started.
Total Session Updates	Total number of credit control sessions updated.
Total Terminated	Total number of credit control sessions terminated.
CC Session Failovers	Total number of credit control sessions failed.
CC Message Stats	
Total Messages Received	Total number of credit control messages received.
Total Messages Sent	Total number of credit control messages sent.

Field	Description
Total CC Requests	Total number of Credit Control Request (CCR) messages that went out from system to the credit control server. The CCR can be Initial/Update or Terminate.
Total CC Answers	Total number of Credit Control Answer (CCA) messages that came into system from credit control server.
CCR-Initial	Total number of Initial Credit Control Request (CCR-Initial) messages that went out from system to the credit control server.
CCA-Initial	Total number of Initial Credit Control Answer (CCA-Initial) messages that came into system from Diameter Server.
CCA-Initial Accept	Total number of CCA-Initial-Accept (Initial Credit Control Answer sent and accepted) messages that came into system from Credit Control Server.
CCA-Initial Reject	Total number of CCA-Initial-Reject (Initial Credit Control Answer sent and rejected.) messages that came into system from credit control server.
CCA-Initial Timeouts	Total number of CCA-Initial-Timeouts (Initial Credit Control Answer sent and timed out) messages that came into system from credit control server.
CCR-Update	Total number of CCR-Updates (Credit Control Request with Update) messages that went out from system to the credit control server.
CCA-Update	Total number of CCA-Update (Credit Control Answer for update) messages that came into system from credit control server.
CCA-Update Timeouts	Total number of CCA-Update Timeouts (Credit Control Answer for update sent and timed out) messages that came into system from credit control server.
CCR-Final	Total number of CCR-Final (Credit Control Request with Final) messages that went out from system to the credit control server.
CCA-Final	Total number of CCA-Final (Credit Control Answer for final update sent) messages that came into system from credit control server.
CCA-Final Timeouts	Total number of CCA-Final Timeouts (Credit Control Answer for final update sent and time-out) messages that came into system from credit control server.
CCR-Event	Total number of CCR-Event (Credit Control Request with Event) messages that went out from system to the credit control server.
CCA-Event	Total number of CCA-Event (Credit Control Answer for Event update sent) messages that came into system from credit control server.
CCA-Event Timeouts	Total number of times the tx-timer expired waiting for a CCA-Event message from the server.
ASR	Total number of Abort-Session Request messages came into system from credit control server.

Field	Description
ASA	Total number of Abort-Session Accept messages sent from system to credit control server. This message will be followed by a CCR-Terminate to terminate the session.
RAR	Total number of ReAuth Request messages that came into system from Diameter Server.
RAA	Total number of ReAuth Accept messages sent from system to Credit Control server. This message is followed by a CCR-Update to update the Credit Control server about the session.
CCA Dropped	Total number of Credit Control Answer (CCA) messages dropped by system.
CC Message Error Stats	
Diameter Protocol Errs	Total number of message errors due to Diameter protocol errors.
Transient Failures	Total number of errors that fall within the transient failures category are used to inform a peer that the request could not be satisfied at the time it was received, but may be able to satisfy the request in the future. The Result-Code data field contains 4xxx for Transient Failures.
Permanent Failures	Total number of errors that fall within the permanent failures category are used to inform the peer that the request failed, and should not be attempted again. The Result-Code data field contains 5xxx for Permanent Failures.
Bad Answers	Total number of message errors due to invalid responses.
Unknown Session Reqs	Total number of message errors due to invalid session requests.
Unknown Command Code	Total number of message errors due to invalid/unknown command code (ASR, RAR).
Request Timeouts	Total number of message errors due to request timeout.
Parse Errors	Total number of message errors due to parsing errors.
Unknown Rating Group	Total number of message errors due to invalid/unknown rating groups. Rating group is used to identify a particular type of traffic.
Unknown Rulebase	Total number of message errors due to invalid/unknown rulebase applied.
Unk Failure Handling	Total number of message errors due to invalid/unknown reasons.
Backpressure Stats	
CCR-I Messages	This counter gives the number of times backpressure got hit while creating a CCR-I message.

Field	Description
CCR-U Messages	This counter gives the number of times backpressure got hit while creating a CCR-U message.
CCR-T Messages	This counter gives the number of times backpressure got hit while creating a CCR-T message.
CCR-E Messages	This counter gives the number of times backpressure got hit while creating a CCR-E message.
CC Update Reporting Reason Stats	
Threshold	For each of the rating group, the credit control server send a threshold (this is also configurable in a system) after which a update needs to be sent. For example, a subscriber quota of 1000 bytes with 900 as threshold is sent to credit control application. When 900 bytes have consumed by the system, an update message is sent for quota. This counter gives the number of updates sent because of threshold.
QHT	Total number of credit control updates sent due to expiry of Quota Hold Timer (QHT).
Final	Total number of credit control updates sent due to expiry of final unit of quota.
Quota Exhausted	Total number of credit control updates sent due to subscriber quota getting exhausted.
Validity Time	Total number of credit control updates sent because of the session validity time expired.
Other Quota	Total number of credit control updates sent due to request for additional quota for subscriber.
Rating Condition Change	Total number of credit control updates sent due to change in RAT/QOS/SGSN/CELLID/LAC.
Forced Reauthorization	Total number of credit control updates sent due to RAR.
TITSU Time	This counter is incremented when the RADIUS online access-request is triggered because the Time Interval after TariffSwitchUpdate expired.
CC Termination Cause Stats	
Diameter Logout	Total number of Credit Control Application session(s) terminated due to subscriber logout.
Service Not Provided	Total number of Credit Control Application session(s) terminated as service was not available.
Bad Answer	Total number of Credit Control Application session(s) terminated due to invalid/unknown response received.

Field	Description

Administrative	The total number of sessions disconnected due to any of the following reasons:
	• Sessions disconnected when the Administrator issues the **clear subscribers all** CLI command.
	• Sessions disconnected by ECS due to any of the following reasons:
	  • Bearer does not contain active rules—when the last bearer has no rules left as part of some PCRF trigger.
	  • Charging-action has the **flow action** parameter configured as **terminate-session**.
	• Sessions disconnected by the Diameter Credit Control Application (DCCA) due to any of the following reasons:
	  • Result code 4010 or 4012 is received at the command level, and for CCR-Initial and CCR-Update Credit Control Failure Handling (CCFH) is configured as Terminate or Retry-and-Terminate.
	  • Result code 5003 or 5030 is received at the command level.
	  • Abort-Session-Request message is received.

Link Broken	Total number of Credit Control Application session(s) terminated due to broken/down link.
Auth Expired	Total number of Credit Control Application session(s) terminated due to authorization of subscriber expired.
User Moved	Total number of Credit Control Application session(s) terminated as subscriber moved out of service area.
Session Timeout	Total number of Credit Control Application session(s) terminated due to timeout.
CCBad Answer Stats	
Auth-Application-Id	Indicates the absence or unexpected value in Auth-Application-Id AVP.
Session-Id	Indicates the absence or unexpected value in Session-Id AVP.
CC-Request-Number	Indicates the absence or unexpected value in CC-Request-Number AVP.
CC-Request-Type	Indicates the absence or unexpected value in CC-Request-Type AVP.
Origin-Host	Indicates the absence of Origin-Host AVP.
Origin-Realm	Indicates the absence of Origin-Realm AVP.
Parse-Message-Errors	Indicates the total number of parse errors in the message.
Parse-Mscc-Errors	Indicates the total number of parse errors in MSCC AVP.

Field	Description
Misc	Indicates the total number of other miscellaneous errors.
CC Traffic Category Stats	
Category Creates	The total traffic categories created.
Category Deletes	The total traffic categories deleted.
Category Lookups	The total traffic categories available.
Hits	The total traffic categories triggered.
Misses	The total traffic categories triggered and missed.
Trigger Events	The total traffic categories triggered.
Final Unit Consumed	The total units consumed by subscriber during session.
MSCC GSU Null Grant	The total number of GSUs with zero grant (null quota).
MSCC FUI Redirect	The total number of HTPP redirections (FUIs with redirect and redirect address received).
Category Success	The total number of successful traffic category sessions.
Rating Failed	The total Rating Groups failed during session.
Service Denied	The total number of services denied during session.
Limit Reached	The total number of events when subscriber reached quota limit.
Auth Rejected	The total number of authorization rejected.
Other Errors	The total number of miscellaneous/unknown errors not specified by system.
CCA Initial Message Stats	
Result Code 2001	This counter shows how many CCA-I messages have been received with a Diameter Result-Code=2001 at command level.
Result Code 5003	This counter shows how many CCA-I messages have been received with a Diameter Result-Code=5003 at command level.
Result Code 4011	This counter shows how many CCA-I messages have been received with a Diameter Result-Code=4011 at command level.
Result Code 4012	This counter shows how many CCA-I messages have been received with a Diameter Result-Code=4012 at command level.
Result Code 5031	This counter shows how many CCA-I messages have been received with a Diameter Result-Code=5031 at command level.
CCA Update Message Stats	

Field	Description
Result Code 2001	This counter counts how many CCA-U messages have been received with a Diameter Result-Code=2001 at command level.
Result Code 5003	This counter counts how many CCA-U messages have been received with a Diameter Result-Code=5003 at command level.
Result Code 4011	This counter counts how many CCA-U messages have been received with a Diameter Result-Code=4011 at command level.
Result Code 4012	This counter counts how many CCA-U messages have been received with a Diameter Result-Code=4012 at command level.
Result Code 5031	This counter counts how many CCA-U messages have been received with a Diameter Result-Code=5031 at command level.
CCA Event Message Stats	
Result Code 2001	This counter counts how many CCA-Event messages have been received with a Diameter Result-Code=2001 at command level.
Other Result Codes	This counter counts how many CCA-Event messages have been received with a Diameter Result-Code other than 2001 at command level.
Failure Handling Stats	
Action-Terminated	This counter counts how many times the DCCA failure handling with action terminate has been invoked in each measurement interval.
Action-Continue	This counter counts how many times the DCCA failure handling with action continue has been invoked in each measurement interval.
Offline Active Sessions	This counter counts the current number of active data sessions that are converted from online to offline charging due to DCCA failure handling actions.
CCA Result Code 2xxx Stats	
Result Code 2xxx	This counter counts how many CCA messages have been received with a Diameter Result-Code in the range of 2000 to 2999 at command level.
Result Code 2001	This counter counts how many CCA messages have been received with a Diameter Result-Code=2001 at command level.
Result Code 2002	This counter counts how many CCA messages have been received with a Diameter Result-Code=2002 at command level.
CCA Result Code 4xxx Stats	
Result Code 4001	This counter counts how many CCA messages have been received with a Diameter Result-Code=4001 at command level.
Result Code 4002	This counter counts how many CCA messages have been received with a Diameter Result-Code=4002 at command level.

Field	Description
Result Code-4010	This counter counts how many CCA messages have been received with a Diameter Result-Code=4010 at command level.
Result Code 4011	This counter counts how many CCA messages have been received with a Diameter Result-Code=4011 at command level.
Result Code 4012	This counter counts how many CCA messages have been received with a Diameter Result-Code=4012 at command level.
CCA Result Code 5xxx Stats	
Result Code 5001	This counter counts how many CCA messages have been received with a Diameter Result-Code=5001 at command level.
Result Code 5002	This counter counts how many CCA messages have been received with a Diameter Result-Code=5002 at command level.
Result Code 5003	This counter counts how many CCA messages have been received with a Diameter Result-Code=5003 at command level.
Result Code 5004	This counter counts how many CCA messages have been received with a Diameter Result-Code=5004 at command level.
Result Code 5005	This counter counts how many CCA messages have been received with a Diameter Result-Code=5005 at command level.
Result Code 5006	This counter counts how many CCA messages have been received with a Diameter Result-Code=5006 at command level.
Result Code 5031	This counter counts how many CCA messages have been received with a Diameter Result-Code=5031 at command level.
All Other Result Codes	This counter counts how many CCA messages have been received with all other Diameter Result-Codes.
CCA Initial Experimental Result Code Stats	
Exp Result Code 5199	This counter indicates the number of times the Experimental-Result-Code "DIAMETER_NEWER_SESSION_DETECTED (5199)" is received in the Credit Control response message. This result code is introduced in Release 19 to maintain session uniqueness and avoid stale message processing. **Important** Maintaining Session Uniqueness is a customer-specific feature. For more information, contact your Cisco account representative.
OCS Unreachable Stats	
Tx-Expiry	This counter indicates how many server-unreachable actions are triggered after tx-expiry.

Field	Description
Response-TimeOut	This counter indicates how many server-unreachable actions are triggered after Response-Timeout.
Connection-Failure	This counter indicates how many server-unreachable behaviours are triggered after the server connection failure.
Action-Continue	This counter indicates how many times the DCCA failure handling with action continue has been invoked in each measurement interval after attaining Server-Unreachable State.
Action-Terminated	This counter indicates how many times the DCCA failure handling with action terminate has been invoked in each measurement interval after attaining Server-Unreachable State.
Server Retries	This counter indicates the total number of times the retries to the Diameter server were attempted.
Assumed-Positive Sessions **Important** This statistic is customer-specific. For more information, please contact your local Cisco account representative.	
Current	This counter indicates the current number of sessions in Assume Positive state. **Important** This is a customer-specific field.
Cumulative	This counter indicates the cumulative sessions in Assume Positive state. **Important** This is a customer-specific field.
HDD Stats	
CCR-T	This counter indicates the total number of records written to Hard Disk Drive (HDD) per Credit-Control group.

show active-charging database uidh

Table 35: show active-charging database uidh Command Output Descriptions

Field	Description
UIDH Databases	Specifies the UIDH Database.
URL-Host Database	Specifies the UIDH URL Host Database
Source File	Species the databases source file

Field	Description
Database Status	Specifies the status of the database
Version	Specifies the database version.
Number of entries in DB	Specifies the name of database entries.
Last Upgrade Status	Specifies when the database was last upgraded.

show active-charging dns-learnt-ip-addresses statistics sessmgr instance <instance> verbose

Table 36: show active-charging dns-learnt-ip-addresses statistics sessmgr instance <instance> verbose Command Output Descriptions

Field	Description
Sessmgr Instance	The Session Manager instance number.
Pattern	The domain name pattern. **Important** In releases prior to 14.0, this field displays information about all configured patterns even though the pattern has not learnt any IP address. In 14.0 and later releases, this field displays only the patterns for which at least one IPv4/IPv6 address and CNAMES are learnt. That is, the DNS Snooping pools are displayed only if there are learnt IP for the pool.
Rulebase	The ACS rulebase name. **Important** In releases prior to 14.0, this field displays the name of all configured rulebases even though the pattern has not learnt any IP address. In 14.0 and later releases, this field displays only the rulebase name for the patterns for which at least one IPv4/IPv6 address and CNAMES are learnt. That is, the DNS Snooping pools are displayed only if there are learnt IP for the pool.
List of CNAMES	The list of canonical names.
Destination Context	Name of the destination context.
Total-ipv4-entries	Total number of new IPv4 addresses received (learnt).
Ipv4-Entries-flushed	Total number IPv4 entries with TTL expired (flushed).
Ipv4-TTL-replaced	Total number of IPv4 entries with TTL value replaced with new value.
Ipv4-Overflows	Total number of IPv4 overflows. Ipv4-Overflows will start incrementing when maximum limit of 51200 across system is reached OR limit of 200 per pattern is reached.

Field	Description
Total-ipv6-entries	Total number of new IPv6 addresses received (learnt).
Ipv6-Entries-flushed	Total number IPv6 entries with TTL expired (flushed).
Ipv6-TTL-replaced	Total number of IPv6 entries with TTL value replaced with new value.
Ipv6-Overflows	Total number of IPv6 overflows. Ipv6-Overflows will start incrementing when maximum limit of 25600 across system is reached OR limit of 100 per pattern is reached.
Ipv4 Address TTL (in secs)	The list of learnt IPv4 addresses, and the TTL, in seconds.
Ipv6 Address TTL (in secs)	The list of learnt IPv6 addresses, and the TTL, in seconds.
Summary	
Total learnt ipv4 entries	A summary of the total number of new IPv4 addresses received (learnt). **Important** This field is available only in StarOS 12.2 and in StarOS 14.0 and later releases.
Total learnt ipv6 entries	A summary of the total number of new IPv6 addresses received (learnt). **Important** This field is available only in StarOS 12.2 and in StarOS 14.0 and later releases.

show active-charging edr-format all

Table 37: show active-charging edr-format all Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
EDR Format Name	Name of the configured EDR format.
Attribute	Attribute information configured in specific EDR format.
Total edr-format(s) found	The total number of configured existing EDR formats.

show active-charging edr-format statistics

Table 38: show active-charging edr-format statistics Command Output Descriptions

Field	Description
Total edr-formats	The total number of EDR formats configured.
Total edrs generated	The total number of EDRs generated.
Total edrs truncated	The total number of EDRs truncated.
Total NAT bind records generated	The total number of Network Address Translation (NAT) bind records generated. The field is only displayed, if configured, in 8.3 and later releases.

show active-charging edr-udr-file flow-control-counters

Table 39: show active-charging edr-udr-file flow-control-counters Command Output Descriptions

Field	Description
Num of Times Flow Control initiated	Total number of times the flow control initiated.
Num of Outstanding Messages	Total number outstanding messages for flow control.
Num of unsent Messages	Total number unsent messages for flow control.
Num of CDR records Discarded due to flow control	Total number of charging detail records (CDRs) discarded due to flow control action.
Last flow control occurrence	Date and time of the last occurrence of flow control action.

show active-charging edr-udr-file statistics

Table 40: show active-charging edr-udr-file statistics Command Output Descriptions

Field	Description
EDR-UDR file Statistics	
CDRMOD Instance Id	The CDRMOD instance identifier.
Overall Statistics	
Files rotated	Total number of EDR and UDR files rotated.
Files rotated due to volume limit	Total number of EDR and UDR files rotated due to volume limit.

Field	Description
Files rotated due to time limit	Total number of EDR and UDR files rotated due to time limit.
Files rotated due to records limit	Total number of files rotated because of record limits.
File rotation failures	Total number of times rotation failed for EDR and UDR file.
Files deleted	Total number of EDR and UDR files deleted.
Records deleted	Total number of records deleted.
Records received	Total number of records received.
Files received	Total number of EDR and UDR files received by service.
Current open files	Total number of EDR and UDR files open.
Time of last file deletion	Date and time of last EDR/UDR file deleted.
EDR Specific Statistics	
EDR files rotated	Total number of EDR files rotated.
EDR files rotated due to volume limit	Total number of EDR files rotated due to volume limit.
EDR files rotated due to time limit	Total number of EDR files rotated due to time limit.
EDR files rotated due to records limit	Total number of EDR files rotated due to records limit
EDR file rotation failures	Total number of rotation failed for EDR file.
EDR files deleted	Total number of EDR files deleted.
EDR records deleted	Total number of EDR records deleted.
EDR records received	Total number of EDR records received.
Current open EDR files	Total number of EDR files open.
Time of last EDR file deletion	Date and time of last EDR file deleted.
UDR Specific Statistics	
UDR files rotated	Total number of UDR files rotated.
UDR files rotated due to volume limit	Total number of UDR files rotated due to volume limit.
UDR files rotated due to time limit	Total number of UDR files rotated due to time limit.
UDR files rotated due to records limit	Total number of UDR files rotated due to records limit.
UDR files rotation failures	Total number of rotation failed for UDR file.

Field	Description
UDR files deleted	Total number of UDR files deleted.
UDR records deleted	Total number of UDR records deleted.
UDR records received	Total number of UDR records received.
Current open UDR files	Total number of UDR files open.
Time of last UDR file deletion	Date and time of last UDR file deletion.
EDR-UDR PUSH Statistics	
Overall Statistics **Primary Server Statistics** **Secondary Server Statistics**	
Successful File Transfers	Total number of successful file transfers.
Failed File Transfers	Total number of failed file transfers.
Num of times PUSH initiated	Total number of times an EDR/UDR push attempt was initiated.
Num of times PUSH Failed	Total number of times an EDR/UDR push attempt failed.
Num of times PUSH cancelled due to HD failure	Total number of times EDR/UDR push was cancelled due to hard disk failures.
Num of periodic PUSH	Total number of periodic push.
Num of manual PUSH	Total number of manual push.
Current status of PUSH	Current status of push: Running/Not Running
Last completed PUSH time	The date and time the last push completed.

show active-charging firewall statistics

Table 41: show active-charging firewall statistics Command Output Descriptions

Field	Description
Firewall Statistics for context	Name of the context.
Data Stats:	
Total Packets Received	Total number of packets received by Stateful Firewall.
Total Bytes Received	Total number of bytes received by Stateful Firewall.
Total Packets Sent	Total number of packets sent by Stateful Firewall.

Field	Description
Total Bytes Sent	Total number of bytes sent by Stateful Firewall.
Total Packets Injected	Total number of packets injected by Stateful Firewall.
Total Bytes Injected	Total number of bytes injected by Stateful Firewall.
Uplink Packets Dropped	Total number of uplink packets dropped by Stateful Firewall.
Uplink Bytes Dropped	Total number of uplink bytes dropped by Stateful Firewall.
Downlink Packets Dropped	Total number of downlink packets dropped by Stateful Firewall.
Downlink Bytes Dropped	Total number of downlink bytes dropped by Stateful Firewall.
Total Malformed Packets	Total number of malformed packets detected by Stateful Firewall.
Total DOS Attacks	Total number of Denial-of-Service attacks detected by Stateful Firewall.
Total Flows Processed by Firewall	Total number of flows processed by Stateful Firewall.
Total NAT Flows Processed by Firewall	Total number of NAT flows processed by Stateful Firewall.
Total NAT44 Flows Processed by Firewall	Total number of NAT44 flows processed by Stateful Firewall.
Total NAT64 Flows Processed by Firewall	Total number of NAT64 flows processed by Stateful Firewall.
Total Bypass-NAT Flows Processed by Firewall	Total number of Bypass-NAT flows processed by Stateful Firewall.
Total Bypass-NAT44 Flows Processed by Firewall	Total number of Bypass-NAT44 flows processed by Stateful Firewall.
Total Bypass-NAT64 Flows Processed by Firewall	Total number of Bypass-NAT64 flows processed by Stateful Firewall.
Current Flows Processed by Firewall	Current number of flows processed by Stateful Firewall.
Current NAT Flows Processed by Firewall	Current number of NAT flows processed by Stateful Firewall.
Current NAT44 Flows Processed by Firewall	Current number of NAT44 flows processed by Stateful Firewall.
Current NAT64 Flows Processed by Firewall	Current number of NAT64 flows processed by Stateful Firewall.
Current Bypass-NAT Flows Processed by Firewall	Current number of Bypass-NAT flows processed by Stateful Firewall.
Current Bypass-NAT44 Flows Processed by Firewall	Current number of Bypass-NAT44 flows processed by Stateful Firewall.

Field	Description
Current Bypass-NAT64 Flows Processed by Firewall	Current number of Bypass-NAT64 flows processed by Stateful Firewall.

show active-charging firewall statistics nat-realm

Table 42: show active-charging firewall statistics nat-realm Command Output Descriptions

Field	Description
Firewall Statistics for NAT-realm	The NAT realm name for which the statistics are displayed.
Data Stats:	
Total Packets Received	Total number of packets received by the NAT realm.
Total Bytes Received	Total number of bytes received by the NAT realm.
Total Packets Sent	Total number of packets sent by the NAT realm.
Total Bytes Sent	Total number of bytes sent by the NAT realm.
Total Packets Injected	Total number of packets injected by the NAT realm.
Total Bytes Injected	Total number of bytes injected by the NAT realm.
Uplink Packets Dropped	Total number of uplink packets dropped by the NAT realm.
Uplink Bytes Dropped	Total number of uplink bytes dropped by the NAT realm.
Downlink Packets Dropped	Total number of downlink packets dropped by the NAT realm.
Downlink Bytes Dropped	Total number of downlink bytes dropped by the NAT realm.
Total Malformed Packets	Total number of malformed packets detected by the NAT realm.
Total DOS Attacks	Total number of Denial-of-Service attacks detected by the NAT realm.
Total Flows Processed by NAT-realm	Total number of flows processed by the NAT realm.

show active-charging firewall statistics verbose

Table 43: show active-charging firewall statistics verbose Command Output Descriptions

Field	Description
Firewall Statistics for Context	Name of the context.
IP Stats:	

Field	Description
Land Attacks	Total number of Land attacks detected by Stateful Firewall.
Jolt Attacks	Total number of Jolt attacks detected by Stateful Firewall.
Teardrop Attacks	Total number of Teardrop attacks detected by Stateful Firewall.
Zero Length IP Option	Total number of Zero-length IP option attacks detected by Stateful Firewall.
IP Source-router Attacks	Total number of IP Source-router attacks detected by Stateful Firewall.
Packets with IP-Unaligned-Timestamp	Total number of packets with IP unaligned timestamps detected by Stateful Firewall.
Packets with Short IP Header Length	Total number of packets with short IP header length detected by Stateful Firewall.
Packets Dropped due to IP Checksum Errors	Total number of packets dropped due to IP Checksum error.
Downlink Dropped Bytes on IP Reassembly Failure	Total number of downlink bytes dropped on IP Reassembly failure.
Uplink Dropped Bytes on IP Reassembly Failure	Total number of uplink bytes dropped on IP Reassembly failure.
TCP Stats:	
Data Packets Received After RST/FIN	Total number of data packets received after receiving RST (reset) request by Stateful Firewall.
Invalid SEQ Number Received with RST	Total number of invalid sequence-number received with RST (reset) request by Stateful Firewall.
Data without Connection Established	Total number of data packets received before the establishment of connection by Stateful Firewall.
Invalid TCP Connection Requests	Total number of invalid TCP connection requests received by Stateful Firewall.
Invalid TCP pre-connection Requests	Total number of invalid TCP pre-connection requests received by Stateful Firewall.
Invalid ACK Value (Cookie Enabled)	Total number of invalid ACK values (to enable cookies) received by Stateful Firewall.
Invalid TCP Packet Length	Total number of TCP packets with invalid length received by Stateful Firewall.
Packets with Short TCP Header Length	Total number of TCP packets with invalid/short header length received by Stateful Firewall.
Packets Dropped due to TCP Checksum Errors	Total number of packets dropped due to TCP Checksum error.
Packets with SEQ/ACK Out-of-range	Total number of packets with out of range SEQ/ACK.
TCP Null Scan Attacks	Total number of TCP Null Scan attacks detected by Stateful Firewall.
Post Connection SYN	Total number of Post Connection SYN attacks detected by Stateful Firewall.

Field	Description
Unable to Send SYN Packet	Total number of attempts detected by Stateful Firewall when node failed to send SYN packets.
Send Final ACK to Target Failed	Total number of attempts detected by Stateful Firewall when node failed to send Final ACK packet to target node.
Invalid TCP Packet: SYN-ACK Expected	Total number of invalid TCP packets received by Stateful Firewall in place of SYN+ACK packets.
No TCP Flags Set	Total number of TCP packets received with no flags set.
All TCP Flags Set	Total number of TCP flags received with all flags set.
Invalid TCP Packets	Total number of invalid TCP packets including all type of errors and attacks received by Stateful Firewall.
Flows Closed by RST before 3-Way Handshake	Total number flows closed by RST (reset) message before the 3-way handshaking.
Flows Timed-out in SYN_RCVD1 State	Total number of flows timed out in SYN_RCVD1 state.
Flows Timed-out in SYN_RCVD2 State	Total number of flows timed out in SYN_RCVD2 state.
Flows Terminated due to WinNuke Attack	Total number of flows terminated due to WinNuke attacks by Stateful Firewall.
TCP-SYN Flood Attacks	Total number of TCP-SYN Flood attacks detected by Stateful Firewall.
Packets Dropped on TCP-SYN Flood Attack	Total number of packets dropped by Stateful Firewall in TCP-SYN Flood attacks.
FTP-Bounce Attacks	Total number of FTP-Bounce attacks detected by Stateful Firewall.
Mime-Flood Attacks	Total number of Mime-Flood attacks detected by Stateful Firewall.
Proxy Handshakes Completed	Total number of times proxy handshake was completed.
Packets Dropped due to source port zero	Total number of packets dropped due to source port zero error.
SYN Packets Dropped due to ECE/CWR Set	Total number of SYN packets dropped due to ECE/CWR Flags Set.
Packets Dropped on TCP-SYN IP-Sweep Attack (DL/UL)	Total number of packets dropped due to TCP-SYN IP sweep attacks in downlink and uplink direction.
UDP Stats:	
Invalid UDP Echo Response	Total number of invalid UDP echo responses.
Invalid UDP Packet Length	Total number of invalid UDP packet length.
Packets Dropped due to UDP Checksum Errors	Total number of packets dropped due to UDP Checksum errors.
Packets with Short UDP Header Length	Total number of packets with short UDP header length.

Field	Description
Packets Dropped on UDP Flood Attack	Total number of packets dropped by Stateful Firewall in UDP flood attacks.
Packets Dropped due to exceeding ICMP dest unreachable threshold	Total number of packets dropped due to exceeding ICMP destination unreachable threshold.
Packets Dropped on UDP IP-Sweep Attack (DL/UL)	Total number of packets dropped due to UDP IP sweep attacks in downlink and uplink direction.
ICMP Stats:	
Invalid ICMP Response	Total number of invalid ICMP responses.
ICMP Reply Error	Total number of ICMP reply errors.
Invalid ICMP Type Packet	Total number of invalid ICMP type packets.
ICMP Error Message Replay Attacks	Total number of ICMP error message replay attacks detected by Stateful Firewall.
ICMP Packets with Duplicate Sequence Number	Total number of ICMP packets with duplicate sequence numbers.
Packets with Short ICMP Header Length	Total number of packets with short ICMP header length.
Invalid ICMP Packet Length	Total number of packets with invalid ICMP packet length.
Packets Dropped on ICMP Flood Attack	Total number of packets dropped by Stateful Firewall in ICMP flood attacks.
Ping Of Death Attacks	Total number of Ping-of-Death attacks detected by Stateful Firewall.
Packets Dropped due to ICMP Checksum Errors	Total number of packets dropped due to ICMP Checksum error.
ICMP Packets With Destination Unreachable Message	Total number of ICMP packets with destination unreachable message.
ICMP Echo Packets Dropped due to ID Zero	Total number of ICMP echo packets dropped due to zero ID.
Packets Dropped on ICMP IP-Sweep Attack (DL/UL)	Total number of packets dropped due to ICMP IP sweep attacks in downlink and uplink direction.
ICMPv6 Stats:	
Invalid ICMPv6 Response	Total number of invalid ICMPv6 responses.
ICMPv6 Reply Error	Total number of ICMPv6 reply errors.
Invalid ICMPv6 Type Packet	Total number of invalid ICMPv6 type packets.
ICMPv6 Error Message Replay Attacks	Total number of ICMPv6 error message replay attacks detected by Stateful Firewall.
ICMPv6 Packets with Duplicate Sequence Number	Total number of ICMPv6 packets with duplicate sequence numbers.

Field	Description
Packets with Short ICMPv6 Header Length	Total number of packets with short ICMPv6 header length.
Invalid ICMPv6 Packet Length	Total number of packets with invalid ICMPv6 packet length.
Packets Dropped on ICMPv6 Flood Attack	Total number of packets dropped by Stateful Firewall in ICMPv6 flood attacks.
Ping Of Death Attacks	Total number of Ping-of-Death attacks detected by Stateful Firewall.
Packets Dropped due to ICMPv6 Checksum Errors	Total number of packets dropped due to ICMPv6 Checksum error.
ICMPv6 Packets With Destination Unreachable Message	Total number of ICMPv6 packets with destination unreachable message.
ICMPv6 Echo Packets Dropped due to ID Zero	Total number of ICMPv6 echo packets dropped due to zero ID.
IPv6 Stats:	
Land Attacks	Total number of land attacks detected by Stateful Firewall.
Jolt Attacks	Total number of jolt attacks detected by Stateful Firewall.
Teardrop Attacks	Total number of teardrop attacks detected by Stateful Firewall.
Invalid IP Option Length	Total number of packets with invalid IP option length.
IPv6 Source-router Attacks	Total number of IPv6 source-router attacks detected by Stateful Firewall.
Packets with Short IPv6 Header Length	Total number of packets with short IPv6 header length detected by Stateful Firewall.
Packets with Nested Fragmentation Header	Total number of packets with nested fragmentation header.
Packets with Unspecified IPv6 Address	Total number of packets with unspecified IPv6 address.
Packets with invalid Payload Length	Total number of packets with invalid payload length.
Packets with more than threshold Extension Headers	Total number of packets with more than threshold extension headers.
Packets with invalid Hop By Hop Extension Header	Total number of packets with invalid hop by hop extension header.
Packets with ICMPv4 in IPv6 Header	Total number of packets with ICMPv4 in IPv6 header.
Packets with invalid Destination Extension Header	Total number of packets with invalid destination extension header.
Downlink Dropped Bytes on IPv6 Reassembly Failure	Total number of downlink bytes dropped on IPv6 Reassembly failure.
Uplink Dropped Bytes on IPv6 Reassembly Failure	Total number of uplink bytes dropped on IPv6 Reassembly failure.

Field	Description
General Stats:	
Packets without Any Data Received	Total number of packets received without any data.
No Matching Uplink Ruledef	Total number of uplink packets with no matching ruledef.
No Matching Downlink Ruledef	Total number of downlink packets with no matching ruledef.
Deny Ruledef Matched	Total number of times deny ruledef was matched.
Packets Dropped due to No Ruledef in Rulebase	Total number of packets dropped due to no ruledef in rulebase. **Important** This field is deprecated in release 15.0 and later releases.
Packets Dropped due to Miscellaneous Errors	Total number of packets dropped due to miscellaneous errors.
Flows Timed-out	Total number of flows that timed out.
Flows Not Established from External Network	Total number of flows from external networks that were not established.
Max Flows Limit Reached	Total number of times the maximum flows limit was reached.
ALG statistics:	
Packets dropped by SIP ALG	Total number of packets dropped by SIP ALG.
Packets injected by SIP ALG	Total number of packets injected by SIP ALG.
NAT Packet Dropped Statistics:	
Packets dropped due to NAT no available IP/port	Total number of packets dropped due to non-availability of NAT IP/port.
Packets dropped due to NAT binding allocation failure	Total number of packets dropped due to NAT binding allocation failure.
Packets dropped due to NAT Translation failed on unsupported ICMP code	Total number of packets dropped due to NAT Translation failed on unsupported ICMP code.
Packets dropped due to NAT Translation failed on invalid Param Problem	Total number of packets dropped due to NAT Translation failed on invalid param problem.
Packets dropped due to IPv6 routing header with non-zero segments left	Total number of packets dropped due to IPv6 routing header with non-zero segments left.
Packets dropped due to Unsupported Embedded IPv4 Address	Total number of packets dropped due to unsupported embedded IPv4 address.
Packets dropped due to Destination IPv6 Prefix Mismatch	Total number of packets due to IPv6 prefix mismatch for a given destination.

Field	Description
Packets dropped due to MAX port chunks reached	Total number of packets dropped due to reaching the maximum number of port chunks usage limit.
Packets dropped due to non-availability of port chunks	Total number of packets dropped due to non-availability of port chunks.
Data Stats:	
Total Packets Received	Total number of packets received in uplink and downlink flows.
Total Bytes Received	Total number of bytes received by Stateful Firewall.
Total Packets Sent	Total number of packets sent by Stateful Firewall.
Total Bytes Sent	Total number of bytes sent by Stateful Firewall.
Total Packets (NAT64 Translation)	Total number of packets reduced by NAT64 translation.
Total Bytes Reduced (NAT64 Translation)	Total number of bytes reduced by NAT64 translation.
Total Packets Injected	Total number of packets injected by Stateful Firewall.
Total Bytes Injected	Total number of bytes injected by Stateful Firewall.
Uplink Packets Dropped	Total number of packets in uplink flow dropped by Stateful Firewall.
Uplink Bytes Dropped	Total number of bytes in uplink flow dropped by Stateful Firewall.
Downlink Packets Dropped	Total number of packets in downlink flow dropped by Stateful Firewall.
Downlink Bytes Dropped	Total number of bytes in downlink flow dropped by Stateful Firewall.
Total Malformed Packets	Total number of malformed packets detected by Stateful Firewall.
Total DOS Attacks	Total number of Denial-of-Service attacks detected by Stateful Firewall.
Total Flows Processed by Firewall	Total number of flows processed by Stateful Firewall.
Total NAT Flows Processed by Firewall	Total number of NAT flows processed by Stateful Firewall.
Total NAT44 Flows Processed by Firewall	Total number of NAT44 flows processed by Stateful Firewall.
Total NAT64 Flows Processed by Firewall	Total number of NAT64 flows processed by Stateful Firewall.
Total Bypass-NAT Flows Processed by Firewall	Total number of Bypass-NAT flows processed by Stateful Firewall.
Total Bypass-NAT44 Flows Processed by Firewall	Total number of Bypass-NAT44 flows processed by Stateful Firewall.
Total Bypass-NAT64 Flows Processed by Firewall	Total number of Bypass-NAT64 flows processed by Stateful Firewall.
Current Flows Processed by Firewall	Current number of flows processed by Stateful Firewall.

Field	Description
Current NAT Flows Processed by Firewall	Current number of NAT flows processed by Stateful Firewall.
Current NAT44 Flows Processed by Firewall	Current number of NAT44 flows processed by Stateful Firewall.
Current NAT64 Flows Processed by Firewall	Current number of NAT64 flows processed by Stateful Firewall.
Current Bypass-NAT Flows Processed by Firewall	Current number of Bypass-NAT flows processed by Stateful Firewall.
Current Bypass-NAT44 Flows Processed by Firewall	Current number of Bypass-NAT44 flows processed by Stateful Firewall.
Current Bypass-NAT64 Flows Processed by Firewall	Current number of Bypass-NAT64 flows processed by Stateful Firewall.

show active-charging firewall statistics protocol icmp verbose

Table 44: show active-charging firewall statistics protocol icmp verbose Command Output Descriptions

Field	Description
Firewall Statistics for Protocol: ICMP	
ICMP Stats	
Invalid ICMP Response	Total number of invalid ICMP responses.
ICMP Reply Error	Total number of ICMP reply errors.
Invalid ICMP Type Packet	Total number of invalid ICMP type packets.
ICMP Error Message Replay Attacks	Total number of ICMP error message replay attacks detected by Stateful Firewall.
ICMP Packets with Duplicate Sequence Number	Total number of ICMP packets with duplicate sequence numbers.
Packets with Short ICMP Header Length	Total number of packets with short ICMP header length.
Invalid ICMP Packet Length	Total number of packets with invalid ICMP packet length.
Packets Dropped on ICMP Flood Attack	Total number of packets dropped by Stateful Firewall in ICMP flood attacks.
Ping Of Death Attacks	Total number of Ping-of-Death attacks detected by Stateful Firewall.
Packets Dropped due to ICMP Checksum Errors	Total number of packets dropped due to ICMP Checksum error.

Field	Description
ICMP Packets With Destination Unreachable Message	Total number of ICMP packets with destination unreachable message.
ICMP Echo Packets Dropped due to ID Zero	Total number of ICMP echo packets dropped due to zero ID.
Data Stats	
Total Packets Received	Total number of packets received in uplink and downlink flows.
Total Bytes Received	Total number of bytes received by Stateful Firewall.
Total Packets Sent	Total number of packets sent by Stateful Firewall.
Total Bytes Sent	Total number of bytes sent by Stateful Firewall.
Total Packets Injected	Total number of packets injected by Stateful Firewall.
Total Bytes Injected	Total number of bytes injected by Stateful Firewall.
Uplink Packets Dropped	Total number of packets in uplink flow dropped by Stateful Firewall.
Uplink Bytes Dropped	Total number of bytes in uplink flow dropped by Stateful Firewall.
Downlink Packets Dropped	Total number of packets in downlink flow dropped by Stateful Firewall.
Downlink Bytes Dropped	Total number of bytes in downlink flow dropped by Stateful Firewall.
Total Malformed Packets	Total number of malformed packets detected by Stateful Firewall.
Total DOS Attacks	Total number of Denial-of-Service attacks detected by Stateful Firewall.
Total Flows Processed by Firewall	Total number of flows processed by Stateful Firewall.
Total NAT Flows Processed by Firewall	Total number of NAT flows processed by Stateful Firewall.

show active-charging firewall statistics protocol icmpv6 verbose

Table 45: show active-charging firewall statistics protocol icmpv6 verbose Command Output Descriptions

Field	Description
Firewall Statistics for Protocol: ICMPv6	
ICMPv6 Stats	
Invalid ICMPv6 Response	Total number of invalid ICMPv6 responses.

Field	Description
ICMPv6 Reply Error	Total number of ICMPv6 reply errors.
Invalid ICMPv6 Type Packet	Total number of invalid ICMPv6 type packets.
ICMPv6 Error Message Replay Attacks	Total number of ICMPv6 error message replay attacks detected by Stateful Firewall.
ICMPv6 Packets with Duplicate Sequence Number	Total number of ICMPv6 packets with duplicate sequence numbers.
Packets with Short ICMPv6 Header Length	Total number of packets with short ICMPv6 header length.
Invalid ICMPv6 Packet Length	Total number of packets with invalid ICMPv6 packet length.
Packets Dropped on ICMPv6 Flood Attack	Total number of packets dropped by Stateful Firewall in ICMPv6 flood attacks.
Ping Of Death Attacks	Total number of Ping-of-Death attacks detected by Stateful Firewall.
Packets Dropped due to ICMPv6 Checksum Errors	Total number of packets dropped due to ICMPv6 Checksum error.
ICMPv6 Packets With Destination Unreachable Message	Total number of ICMPv6 packets with destination unreachable message.
ICMPv6 Echo Packets Dropped due to ID Zero	Total number of ICMPv6 echo packets dropped due to zero ID.
Data Stats	
Total Packets Received	Total number of packets received in uplink and downlink flows.
Total Bytes Received	Total number of bytes received by Stateful Firewall.
Total Packets Sent	Total number of packets sent by Stateful Firewall.
Total Bytes Sent	Total number of bytes sent by Stateful Firewall.
Total Packets Injected	Total number of packets injected by Stateful Firewall.
Total Bytes Injected	Total number of bytes injected by Stateful Firewall.
Uplink Packets Dropped	Total number of packets in uplink flow dropped by Stateful Firewall.
Uplink Bytes Dropped	Total number of bytes in uplink flow dropped by Stateful Firewall.
Downlink Packets Dropped	Total number of packets in downlink flow dropped by Stateful Firewall.
Downlink Bytes Dropped	Total number of bytes in downlink flow dropped by Stateful Firewall.
Total Malformed Packets	Total number of malformed packets detected by Stateful Firewall.
Total DOS Attacks	Total number of Denial-of-Service attacks detected by Stateful Firewall.

Field	Description
Total Flows Processed by Firewall	Total number of flows processed by Stateful Firewall.
Total NAT Flows Processed by Firewall	Total number of NAT flows processed by Stateful Firewall.

show active-charging firewall statistics protocol ip verbose

Table 46: show active-charging firewall statistics protocol ip verbose Command Output Descriptions

Field	Description
Firewall Statistics for Protocol IP in Context	Name of the context.
IP Stats:	
Land Attacks	Total number of Land attacks detected.
Jolt Attacks	Total number of Jolt attacks detected.
Teardrop Attacks	Total number of Teardrop attacks detected.
Zero Length IP Option	Total number of Zero-length IP Option attacks detected.
IP Source-router Attacks	Total number of IP Source-router attacks detected.
Packets with IP-Unaligned-Timestamp	Total number of packets with IP-Unaligned-Timestamp.
Packets with Short IP Header Length	Total number of packets with short IP header length.
Packets Dropped due to IP Checksum Errors	Total number of packets dropped due to checksum errors.
Downlink Dropped Bytes on IP Reassembly Failure	Total number of bytes dropped in downlink flow on IP Reassembly failure.
Uplink Dropped Bytes on IP Reassembly Failure	Total number of bytes dropped in uplink flow on IP Reassembly failure.
Data Stats:	
Total Packets Received	Total number of packets received by Stateful Firewall.
Total Bytes Received	Total number of bytes received by Stateful Firewall.
Total Packets Sent	Total number of packets sent by Stateful Firewall.
Total Bytes Sent	Total number of bytes sent by Stateful Firewall.
Total Packets Injected	Total number of packets injected by Stateful Firewall.

Field	Description
Total Bytes Injected	Total number of bytes injected by Stateful Firewall.
Uplink Packets Dropped	Total number of uplink packets dropped by Stateful Firewall.
Uplink Bytes Dropped	Total number of uplink bytes dropped by Stateful Firewall.
Downlink Packets Dropped	Total number of downlink packets dropped by Stateful Firewall.
Downlink Bytes Dropped	Total number of downlink bytes dropped by Stateful Firewall.
Total Malformed Packets	Total number of malformed packets detected by Stateful Firewall.
Total DOS Attacks	Total number of Denial-of-Service attacks detected by Stateful Firewall.
Total Flows Processed by Firewall	Total number of flows processed by Stateful Firewall.

show active-charging firewall statistics protocol ipv6 verbose

Table 47: show active-charging firewall statistics protocol ipv6 verbose Command Output Descriptions

Field	Description
Firewall Statistics for Protocol: IPv6	
IPv6 Stats	
Land Attacks	Total number of land attacks detected by Stateful Firewall.
Jolt Attacks	Total number of jolt attacks detected by Stateful Firewall.
Teardrop Attacks	Total number of teardrop attacks detected by Stateful Firewall.
Invalid IP Option Length	Total number of packets with invalid IP option length.
IPv6 Source-router Attacks	Total number of IPv6 source-router attacks detected by Stateful Firewall.
Packets with Short IPv6 Header Length	Total number of packets with short IPv6 header length.
Packets with Nested Fragmentation Header	Total number of packets with nested fragmentation header.
Packets with Unspecified IPv6 Address	Total number of packets with unspecified IPv6 address.
Packets with invalid Payload Length	Total number of packets with invalid payload length.
Packets with more than threshold Extension Headers	Total number of packets with more than threshold extension headers.

Field	Description
Packets with invalid Hop By Hop Extension Header	Total number of packets with invalid hop by hop extension header.
Packets with ICMPv4 in IPv6 Header	Total number of packets with ICMPv4 in IPv6 header.
Packets with invalid Destination Extension Header	Total number of packets with invalid destination extension header.
Downlink Dropped Bytes on IPv6 Reassembly Failure	Total number of downlink bytes dropped due to reassembly failure.
Uplink Dropped Bytes on IPv6 Reassembly Failure	Total number of uplink bytes dropped due to reassembly failure.
Data Stats	
Total Packets Received	Total number of packets received in uplink and downlink flows.
Total Bytes Received	Total number of bytes received by Stateful Firewall.
Total Packets Sent	Total number of packets sent by Stateful Firewall.
Total Bytes Sent	Total number of bytes sent by Stateful Firewall.
Total Packets Injected	Total number of packets injected by Stateful Firewall.
Total Bytes Injected	Total number of bytes injected by Stateful Firewall.
Uplink Packets Dropped	Total number of packets in uplink flow dropped by Stateful Firewall.
Uplink Bytes Dropped	Total number of bytes in uplink flow dropped by Stateful Firewall.
Downlink Packets Dropped	Total number of packets in downlink flow dropped by Stateful Firewall.
Downlink Bytes Dropped	Total number of bytes in downlink flow dropped by Stateful Firewall.
Total Malformed Packets	Total number of malformed packets detected by Stateful Firewall.
Total DOS Attacks	Total number of Denial-of-Service attacks detected by Stateful Firewall.
Total Flows Processed by Firewall	Total number of flows processed by Stateful Firewall.
Total NAT Flows Processed by Firewall	Total number of NAT flows processed by Stateful Firewall.

show active-charging firewall statistics protocol udp verbose

Table 48: show active-charging firewall statistics protocol udp verbose Command Output Descriptions

Field	Description
Firewall Statistics for Protocol: UDP	
UDP Stats	
Invalid UDP Echo Response	Total number of invalid UDP echo responses.
Invalid UDP Packet Length	Total number of invalid UDP packet length.
Packets Dropped due to UDP Checksum Errors	Total number of packets dropped due to UDP Checksum errors.
Packets with Short UDP Header Length	Total number of packets with short UDP header length.
Packets Dropped on UDP Flood Attack	Total number of packets dropped by Stateful Firewall in UDP flood attacks.
Packets Dropped due to exceeding ICMP dest unreachable threshold	Total number of packets dropped due to exceeding ICMP destination unreachable threshold.
Data Stats	
Total Packets Received	Total number of packets received in uplink and downlink flows.
Total Bytes Received	Total number of bytes received by Stateful Firewall.
Total Packets Sent	Total number of packets sent by Stateful Firewall.
Total Bytes Sent	Total number of bytes sent by Stateful Firewall.
Total Packets Injected	Total number of packets injected by Stateful Firewall.
Total Bytes Injected	Total number of bytes injected by Stateful Firewall.
Uplink Packets Dropped	Total number of packets in uplink flow dropped by Stateful Firewall.
Uplink Bytes Dropped	Total number of bytes in uplink flow dropped by Stateful Firewall.
Downlink Packets Dropped	Total number of packets in downlink flow dropped by Stateful Firewall.
Downlink Bytes Dropped	Total number of bytes in downlink flow dropped by Stateful Firewall.
Total Malformed Packets	Total number of malformed packets detected by Stateful Firewall.
Total DOS Attacks	Total number of Denial-of-Service attacks detected by Stateful Firewall.
Total Flows Processed by Firewall	Total number of flows processed by Stateful Firewall.

show active-charging firewall statistics callid <call_id> verbose

Table 49: show active-charging firewall statistics callid <call_id> verbose Command Output Descriptions

Field	Description
Firewall Statistics for Callid: <call_id>	
IP Stats:	
Land Attacks	Total number of Land attacks detected by Stateful Firewall.
Jolt Attacks	Total number of Jolt attacks detected by Stateful Firewall.
Teardrop Attacks	Total number of Teardrop attacks detected by Stateful Firewall.
Invalid IP Option Length	Total number of Invalid IP Option Length attacks detected by Stateful Firewall.
IP Source-router Attacks	Total number of IP Source-router attacks detected by Stateful Firewall.
Packets with IP-Unaligned-Timestamp	Total number of packets with IP unaligned timestamps detected by Stateful Firewall.
Packets with Short IP Header Length	Total number of packets with short IP header length detected by Stateful Firewall.
Packets Dropped due to IP Checksum Errors	Total number of packets dropped due to IP Checksum error.
Downlink Dropped Bytes on IP Reassembly Failure	Total number of downlink bytes dropped on IP Reassembly failure.
Uplink Dropped Bytes on IP Reassembly Failure	Total number of uplink bytes dropped on IP Reassembly failure.
TCP Stats:	
Data Packets Received After RST/FIN	Total number of data packets received after receiving RST (reset) request by Stateful Firewall.
Invalid SEQ Number Received with RST	Total number of invalid sequence-number received with RST (reset) request by Stateful Firewall.
Data without Connection Established	Total number of data packets received before the establishment of connection by Stateful Firewall.
Invalid TCP Connection Requests	Total number of invalid TCP connection requests received by Stateful Firewall.
Invalid TCP pre-connection Requests	Total number of invalid TCP pre-connection requests received by Stateful Firewall.
Invalid ACK Value (Cookie Enabled)	Total number of invalid ACK values (to enable cookies) received by Stateful Firewall.
Invalid TCP Packet Length	Total number of TCP packets with invalid length received by Stateful Firewall.

Field	Description
Packets with Short TCP Header Length	Total number of TCP packets with invalid/short header length received by Stateful Firewall.
Packets Dropped due to TCP Checksum Errors	Total number of packets dropped due to TCP Checksum error.
Packets with SEQ/ACK Out-of-range	Total number of packets with out of range SEQ/ACK.
TCP Null Scan Attacks	Total number of TCP Null Scan attacks detected by Stateful Firewall.
Post Connection SYN	Total number of Post Connection SYN attacks detected by Stateful Firewall.
Unable to Send SYN Packet	Total number of attempts detected by Stateful Firewall when node failed to send SYN packets.
Send Final ACK to Target Failed	Total number of attempts detected by Stateful Firewall when node failed to send Final ACK packet to target node.
Invalid TCP Packet: SYN-ACK Expected	Total number of invalid TCP packets received by Stateful Firewall in place of SYN+ACK packets.
No TCP Flags Set	Total number of TCP packets received with no flags set.
All TCP Flags Set	Total number of TCP flags received with all flags set.
Invalid TCP Packets	Total number of invalid TCP packets including all type of errors and attacks received by Stateful Firewall.
Flows Closed by RST before 3-Way Handshake	Total number flows closed by RST (reset) message before the 3-way handshaking.
Flows Timed-out in SYN_RCVD1 State	Total number of flows timed out in SYN_RCVD1 state.
Flows Timed-out in SYN_RCVD2 State	Total number of flows timed out in SYN_RCVD2 state.
Flows Terminated due to WinNuke Attack	Total number of flows terminated due to WinNuke attacks by Stateful Firewall.
TCP-SYN Flood Attacks	Total number of TCP-SYN Flood attacks detected by Stateful Firewall.
Packets Dropped on TCP-SYN Flood Attack	Total number of packets dropped by Stateful Firewall in TCP-SYN Flood attacks.
FTP-Bounce Attacks	Total number of FTP-Bounce attacks detected by Stateful Firewall.
Mime-Flood Attacks	Total number of Mime-Flood attacks detected by Stateful Firewall.
Proxy Handshakes Completed	Total number of times proxy handshake was completed.
Packets Dropped during Proxy Handshake	Total number of packets dropped during proxy handshake.

Field	Description
UDP Stats:	
Invalid UDP Echo Response	Total number of invalid UDP echo responses.
Invalid UDP Packet Length	Total number of invalid UDP packet length.
Packets Dropped due to UDP Checksum Errors	Total number of packets dropped due to UDP Checksum errors.
Packets with Short UDP Header Length	Total number of packets with short UDP header length.
Packets Dropped on UDP Flood Attack	Total number of packets dropped by Stateful Firewall in UDP flood attacks.
Packets Dropped due to exceeding ICMP dest unreachable threshold	Total number of packets dropped due to exceeding ICMP destination unreachable threshold.
ICMP Stats:	
Invalid ICMP Response	Total number of invalid ICMP responses.
ICMP Reply Error	Total number of ICMP reply errors.
Invalid ICMP Type Packet	Total number of invalid ICMP type packets.
ICMP Error Message Replay Attacks	Total number of ICMP error message replay attacks detected by Stateful Firewall.
ICMP Packets with Duplicate Sequence Number	Total number of ICMP packets with duplicate sequence numbers.
Packets with Short ICMP Header Length	Total number of packets with short ICMP header length.
Invalid ICMP Packet Length	Total number of packets with invalid ICMP packet length.
Packets Dropped on ICMP Flood Attack	Total number of packets dropped by Stateful Firewall in ICMP flood attacks.
Ping Of Death Attacks	Total number of Ping-of-Death attacks detected by Stateful Firewall.
Packets Dropped due to ICMP Checksum Errors	Total number of packets dropped due to ICMP Checksum errors.
ICMP Packets With Destination Unreachable Message	Total number of ICMP packets with Destination Unreachable Message.
ICMP Echo Packets Dropped due to ID Zero	Total number of ICMP echo packets dropped due to zero ID.
ICMPv6 Stats:	
Invalid ICMPv6 Response	Total number of invalid ICMPv6 responses.

Field	Description
ICMPv6 Reply Error	Total number of ICMPv6 reply errors.
Invalid ICMPv6 Type Packet	Total number of invalid ICMPv6 type packets.
ICMPv6 Error Message Replay Attacks	Total number of ICMPv6 error message replay attacks detected by Stateful Firewall.
ICMPv6 Packets with Duplicate Sequence Number	Total number of ICMPv6 packets with duplicate sequence numbers.
Packets with Short ICMPv6 Header Length	Total number of packets with short ICMPv6 header length.
Invalid ICMPv6 Packet Length	Total number of packets with invalid ICMPv6 packet length.
Packets Dropped on ICMPv6 Flood Attack	Total number of packets dropped by Stateful Firewall in ICMPv6 flood attacks.
Ping Of Death Attacks	Total number of Ping-of-Death attacks detected by Stateful Firewall.
Packets Dropped due to ICMPv6 Checksum Errors	Total number of packets dropped due to ICMPv6 Checksum errors.
ICMPv6 Packets With Destination Unreachable Message	Total number of ICMPv6 packets with Destination Unreachable Message.
ICMPv6 Echo Packets Dropped due to ID Zero	Total number of ICMPv6 echo packets dropped due to zero ID.
General Stats:	
Packets without Any Data Received	Total number of packets received without any data.
No Matching Uplink Ruledef	Total number of uplink packets with no matching ruledef.
No Matching Downlink Ruledef	Total number of downlink packets with no matching ruledef.
Deny Ruledef Matched	Total number of times deny ruledef was matched.
Packets Dropped due to No Ruledef in Rulebase	Total number of packets dropped due to no ruledef in rulebase. **Important** This field is deprecated in release 15.0 and later releases.
Packets Dropped due to Miscellaneous Errors	Total number of packets dropped due to miscellaneous errors.
Flows Timed-out	Total number of flows that timed out.
Flows Not Established from External Network	Total number of flows from external networks that were not established.
Max Flows Limit Reached	Total number of times the maximum flows limit was reached.

Field	Description
IP Retransmitted Packets Dropped	Total number of IP retransmitted packets dropped.
Data Stats:	
Total Packets Received	Total number of packets received in uplink and downlink flows.
Total Bytes Received	Total number of bytes received by Stateful Firewall.
Total Packets Sent	Total number of packets sent by Stateful Firewall.
Total Bytes Sent	Total number of bytes sent by Stateful Firewall.
Total Packets Injected	Total number of packets injected by Stateful Firewall.
Total Bytes Injected	Total number of bytes injected by Stateful Firewall.
Uplink Packets Dropped	Total number of packets in uplink flow dropped by Stateful Firewall.
Uplink Bytes Dropped	Total number of bytes in uplink flow dropped by Stateful Firewall.
Downlink Packets Dropped	Total number of packets in downlink flow dropped by Stateful Firewall.
Downlink Bytes Dropped	Total number of bytes in downlink flow dropped by Stateful Firewall.
Total Malformed Packets	Total number of malformed packets detected by Stateful Firewall.
Total DOS Attacks	Total number of Denial-of-Service attacks detected by Stateful Firewall.
Total Flows Processed by Firewall	Total number of flows processed by Stateful Firewall.

show active-charging firewall statistics domainname <domain_name> verbose

Table 50: show active-charging firewall statistics domainname <domain_name> verbose Command Output Descriptions

Field	Description
Firewall Statistics for 2 Sessions with Domain-name: <domain_name>	
IP Stats:	
Land Attacks	Total number of Land attacks detected by Stateful Firewall.
Jolt Attacks	Total number of Jolt attacks detected by Stateful Firewall.
Teardrop Attacks	Total number of Teardrop attacks detected by Stateful Firewall.
Invalid IP Option Length	Total number of Invalid IP Option Length attacks detected by Stateful Firewall.
IP Source-router Attacks	Total number of IP Source-router attacks detected by Stateful Firewall.

Field	Description
Packets with IP-Unaligned-Timestamp	Total number of packets with IP unaligned timestamps detected by Stateful Firewall.
Packets with Short IP Header Length	Total number of packets with short IP header length detected by Stateful Firewall.
Packets Dropped due to IP Checksum Errors	Total number of packets dropped due to IP Checksum error.
Downlink Dropped Bytes on IP Reassembly Failure	Total number of downlink bytes dropped on IP Reassembly failure.
Uplink Dropped Bytes on IP Reassembly Failure	Total number of uplink bytes dropped on IP Reassembly failure.
TCP Stats:	
Data Packets Received After RST/FIN	Total number of data packets received after receiving RST (reset) request by Stateful Firewall.
Invalid SEQ Number Received with RST	Total number of invalid sequence-number received with RST (reset) request by Stateful Firewall.
Data without Connection Established	Total number of data packets received before the establishment of connection by Stateful Firewall.
Invalid TCP Connection Requests	Total number of invalid TCP connection requests received by Stateful Firewall.
Invalid TCP pre-connection Requests	Total number of invalid TCP pre-connection requests received by Stateful Firewall.
Invalid ACK Value (Cookie Enabled)	Total number of invalid ACK values (to enable cookies) received by Stateful Firewall.
Invalid TCP Packet Length	Total number of TCP packets with invalid length received by Stateful Firewall.
Packets with Short TCP Header Length	Total number of TCP packets with invalid/short header length received by Stateful Firewall.
Packets Dropped due to TCP Checksum Errors	Total number of packets dropped due to TCP Checksum error.
Packets with SEQ/ACK Out-of-range	Total number of packets with out of range SEQ/ACK.
TCP Null Scan Attacks	Total number of TCP Null Scan attacks detected by Stateful Firewall.
Post Connection SYN	Total number of Post Connection SYN attacks detected by Stateful Firewall.
Unable to Send SYN Packet	Total number of attempts detected by Stateful Firewall when node failed to send SYN packets.
Send Final ACK to Target Failed	Total number of attempts detected by Stateful Firewall when node failed to send Final ACK packet to target node.
Invalid TCP Packet: SYN-ACK Expected	Total number of invalid TCP packets received by Stateful Firewall in place of SYN+ACK packets.
No TCP Flags Set	Total number of TCP packets received with no flags set.

Field	Description
All TCP Flags Set	Total number of TCP flags received with all flags set.
Invalid TCP Packets	Total number of invalid TCP packets including all type of errors and attacks received by Stateful Firewall.
Flows Closed by RST before 3-Way Handshake	Total number flows closed by RST (reset) message before the 3-way handshaking.
Flows Timed-out in SYN_RCVD1 State	Total number of flows timed out in SYN_RCVD1 state.
Flows Timed-out in SYN_RCVD2 State	Total number of flows timed out in SYN_RCVD2 state.
Flows Terminated due to WinNuke Attack	Total number of flows terminated due to WinNuke attacks by Stateful Firewall.
TCP-SYN Flood Attacks	Total number of TCP-SYN Flood attacks detected by Stateful Firewall.
Packets Dropped on TCP-SYN Flood Attack	Total number of packets dropped by Stateful Firewall in TCP-SYN Flood attacks.
FTP-Bounce Attacks	Total number of FTP-Bounce attacks detected by Stateful Firewall.
Mime-Flood Attacks	Total number of Mime-Flood attacks detected by Stateful Firewall.
Proxy Handshakes Completed	Total number of times proxy handshake was completed.
Packets Dropped during Proxy Handshake	Total number of packets dropped during proxy handshake.
UDP Stats:	
Invalid UDP Echo Response	Total number of invalid UDP echo responses.
Invalid UDP Packet Length	Total number of invalid UDP packet length.
Packets Dropped due to UDP Checksum Errors	Total number of packets dropped due to UDP Checksum errors.
Packets with Short UDP Header Length	Total number of packets with short UDP header length.
Packets Dropped on UDP Flood Attack	Total number of packets dropped by Stateful Firewall in UDP flood attacks.
Packets Dropped due to exceeding ICMP dest unreachable threshold	Total number of packets dropped due to exceeding ICMP destination unreachable threshold.
ICMP Stats:	
Invalid ICMP Response	Total number of invalid ICMP responses.
ICMP Reply Error	Total number of ICMP reply errors.

Field	Description
Invalid ICMP Type Packet	Total number of invalid ICMP type packets.
ICMP Error Message Replay Attacks	Total number of ICMP error message replay attacks detected by Stateful Firewall.
ICMP Packets with Duplicate Sequence Number	Total number of ICMP packets with duplicate sequence numbers.
Packets with Short ICMP Header Length	Total number of packets with short ICMP header length.
Invalid ICMP Packet Length	Total number of packets with invalid ICMP packet length.
Packets Dropped on ICMP Flood Attack	Total number of packets dropped by Stateful Firewall in ICMP flood attacks.
Ping Of Death Attacks	Total number of Ping-of-Death attacks detected by Stateful Firewall.
Packets Dropped due to ICMP Checksum Errors	Total number of packets dropped due to ICMP Checksum errors.
ICMP Packets With Destination Unreachable Message	Total number of ICMP packets with Destination Unreachable Message.
ICMP Echo Packets Dropped due to ID Zero	Total number of ICMP echo packets dropped due to zero ID.
ICMPv6 Stats:	
Invalid ICMPv6 Response	Total number of invalid ICMPv6 responses.
ICMPv6 Reply Error	Total number of ICMPv6 reply errors.
Invalid ICMPv6 Type Packet	Total number of invalid ICMPv6 type packets.
ICMPv6 Error Message Replay Attacks	Total number of ICMPv6 error message replay attacks detected by Stateful Firewall.
ICMPv6 Packets with Duplicate Sequence Number	Total number of ICMPv6 packets with duplicate sequence numbers.
Packets with Short ICMPv6 Header Length	Total number of packets with short ICMPv6 header length.
Invalid ICMPv6 Packet Length	Total number of packets with invalid ICMPv6 packet length.
Packets Dropped on ICMPv6 Flood Attack	Total number of packets dropped by Stateful Firewall in ICMPv6 flood attacks.
Ping Of Death Attacks	Total number of Ping-of-Death attacks detected by Stateful Firewall.
Packets Dropped due to ICMPv6 Checksum Errors	Total number of packets dropped due to ICMPv6 Checksum errors.

Field	Description
ICMPv6 Packets With Destination Unreachable Message	Total number of ICMPv6 packets with Destination Unreachable Message.
ICMPv6 Echo Packets Dropped due to ID Zero	Total number of ICMPv6 echo packets dropped due to zero ID.
General Stats:	
Packets without Any Data Received	Total number of packets received without any data.
No Matching Uplink Ruledef	Total number of uplink packets with no matching ruledef.
No Matching Downlink Ruledef	Total number of downlink packets with no matching ruledef.
Deny Ruledef Matched	Total number of times deny ruledef was matched.
Packets Dropped due to No Ruledef in Rulebase	Total number of packets dropped due to no ruledef in rulebase. **Important** This field is deprecated in release 15.0 and later releases.
Packets Dropped due to Miscellaneous Errors	Total number of packets dropped due to miscellaneous errors.
Flows Timed-out	Total number of flows that timed out.
Flows Not Established from External Network	Total number of flows from external networks that were not established.
Max Flows Limit Reached	Total number of times the maximum flows limit was reached.
IP Retransmitted Packets Dropped	Total number of IP retransmitted packets dropped.
Data Stats:	
Total Packets Received	Total number of packets received in uplink and downlink flows.
Total Bytes Received	Total number of bytes received by Stateful Firewall.
Total Packets Sent	Total number of packets sent by Stateful Firewall.
Total Bytes Sent	Total number of bytes sent by Stateful Firewall.
Total Packets Injected	Total number of packets injected by Stateful Firewall.
Total Bytes Injected	Total number of bytes injected by Stateful Firewall.
Uplink Packets Dropped	Total number of packets in uplink flow dropped by Stateful Firewall.
Uplink Bytes Dropped	Total number of bytes in uplink flow dropped by Stateful Firewall.
Downlink Packets Dropped	Total number of packets in downlink flow dropped by Stateful Firewall.
Downlink Bytes Dropped	Total number of bytes in downlink flow dropped by Stateful Firewall.

Field	Description
Total Malformed Packets	Total number of malformed packets detected by Stateful Firewall.
Total DOS Attacks	Total number of Denial-of-Service attacks detected by Stateful Firewall.
Total Flows Processed by Firewall	Total number of flows processed by Stateful Firewall.

show active-charging firewall statistics username <user_name> verbose

Table 51: show active-charging firewall statistics username <user_name> verbose Command Output Descriptions

Field	Description
Firewall Statistics for Username: <user_name>	
IP Stats:	
Land Attacks	Total number of Land attacks detected by Stateful Firewall.
Jolt Attacks	Total number of Jolt attacks detected by Stateful Firewall.
Teardrop Attacks	Total number of Teardrop attacks detected by Stateful Firewall.
Invalid IP Option Length	Total number of Invalid IP Option Length attacks detected by Stateful Firewall.
IP Source-router Attacks	Total number of IP Source-router attacks detected by Stateful Firewall.
Packets with IP-Unaligned-Timestamp	Total number of packets with IP unaligned timestamps detected by Stateful Firewall.
Packets with Short IP Header Length	Total number of packets with short IP header length detected by Stateful Firewall.
Packets Dropped due to IP Checksum Errors	Total number of packets dropped due to IP Checksum error.
Downlink Dropped Bytes on IP Reassembly Failure	Total number of downlink bytes dropped on IP Reassembly failure.
Uplink Dropped Bytes on IP Reassembly Failure	Total number of uplink bytes dropped on IP Reassembly failure.
TCP Stats:	
Data Packets Received After RST/FIN	Total number of data packets received after receiving RST (reset) request by Stateful Firewall.
Invalid SEQ Number Received with RST	Total number of invalid sequence-number received with RST (reset) request by Stateful Firewall.

Field	Description
Data without Connection Established	Total number of data packets received before the establishment of connection by Stateful Firewall.
Invalid TCP Connection Requests	Total number of invalid TCP connection requests received by Stateful Firewall.
Invalid TCP pre-connection Requests	Total number of invalid TCP pre-connection requests received by Stateful Firewall.
Invalid ACK Value (Cookie Enabled)	Total number of invalid ACK values (to enable cookies) received by Stateful Firewall.
Invalid TCP Packet Length	Total number of TCP packets with invalid length received by Stateful Firewall.
Packets with Short TCP Header Length	Total number of TCP packets with invalid/short header length received by Stateful Firewall.
Packets Dropped due to TCP Checksum Errors	Total number of packets dropped due to TCP Checksum error.
Packets with SEQ/ACK Out-of-range	Total number of packets with out of range SEQ/ACK.
TCP Null Scan Attacks	Total number of TCP Null Scan attacks detected by Stateful Firewall.
Post Connection SYN	Total number of Post Connection SYN attacks detected by Stateful Firewall.
Unable to Send SYN Packet	Total number of attempts detected by Stateful Firewall when node failed to send SYN packets.
Send Final ACK to Target Failed	Total number of attempts detected by Stateful Firewall when node failed to send Final ACK packet to target node.
Invalid TCP Packet: SYN-ACK Expected	Total number of invalid TCP packets received by Stateful Firewall in place of SYN+ACK packets.
No TCP Flags Set	Total number of TCP packets received with no flags set.
All TCP Flags Set	Total number of TCP flags received with all flags set.
Invalid TCP Packets	Total number of invalid TCP packets including all type of errors and attacks received by Stateful Firewall.
Flows Closed by RST before 3-Way Handshake	Total number flows closed by RST (reset) message before the 3-way handshaking.
Flows Timed-out in SYN_RCVD1 State	Total number of flows timed out in SYN_RCVD1 state.
Flows Timed-out in SYN_RCVD2 State	Total number of flows timed out in SYN_RCVD2 state.
Flows Terminated due to WinNuke Attack	Total number of flows terminated due to WinNuke attacks by Stateful Firewall.
TCP-SYN Flood Attacks	Total number of TCP-SYN Flood attacks detected by Stateful Firewall.

Field	Description
Packets Dropped on TCP-SYN Flood Attack	Total number of packets dropped by Stateful Firewall in TCP-SYN Flood attacks.
FTP-Bounce Attacks	Total number of FTP-Bounce attacks detected by Stateful Firewall.
Mime-Flood Attacks	Total number of Mime-Flood attacks detected by Stateful Firewall.
Proxy Handshakes Completed	Total number of times proxy handshake was completed.
Packets Dropped during Proxy Handshake	Total number of packets dropped during proxy handshake.
UDP Stats:	
Invalid UDP Echo Response	Total number of invalid UDP echo responses.
Invalid UDP Packet Length	Total number of invalid UDP packet length.
Packets Dropped due to UDP Checksum Errors	Total number of packets dropped due to UDP Checksum errors.
Packets with Short UDP Header Length	Total number of packets with short UDP header length.
Packets Dropped on UDP Flood Attack	Total number of packets dropped by Stateful Firewall in UDP flood attacks.
Packets Dropped due to exceeding ICMP dest unreachable threshold	Total number of packets dropped due to exceeding ICMP destination unreachable threshold.
ICMP Stats:	
Invalid ICMP Response	Total number of invalid ICMP responses.
ICMP Reply Error	Total number of ICMP reply errors.
Invalid ICMP Type Packet	Total number of invalid ICMP type packets.
ICMP Error Message Replay Attacks	Total number of ICMP error message replay attacks detected by Stateful Firewall.
ICMP Packets with Duplicate Sequence Number	Total number of ICMP packets with duplicate sequence numbers.
Packets with Short ICMP Header Length	Total number of packets with short ICMP header length.
Invalid ICMP Packet Length	Total number of packets with invalid ICMP packet length.
Packets Dropped on ICMP Flood Attack	Total number of packets dropped by Stateful Firewall in ICMP flood attacks.
Ping Of Death Attacks	Total number of Ping-of-Death attacks detected by Stateful Firewall.

Field	Description
Packets Dropped due to ICMP Checksum Errors	Total number of packets dropped due to ICMP Checksum errors.
ICMP Packets With Destination Unreachable Message	Total number of ICMP packets with Destination Unreachable Message.
ICMP Echo Packets Dropped due to ID Zero	Total number of ICMP echo packets dropped due to zero ID.
ICMPv6 Stats:	
Invalid ICMPv6 Response	Total number of invalid ICMPv6 responses.
ICMPv6 Reply Error	Total number of ICMPv6 reply errors.
Invalid ICMPv6 Type Packet	Total number of invalid ICMPv6 type packets.
ICMPv6 Error Message Replay Attacks	Total number of ICMPv6 error message replay attacks detected by Stateful Firewall.
ICMPv6 Packets with Duplicate Sequence Number	Total number of ICMPv6 packets with duplicate sequence numbers.
Packets with Short ICMP Header Length	Total number of packets with short ICMP header length.
Invalid ICMPv6 Packet Length	Total number of packets with invalid ICMPv6 packet length.
Packets Dropped on ICMPv6 Flood Attack	Total number of packets dropped by Stateful Firewall in ICMPv6 flood attacks.
Ping Of Death Attacks	Total number of Ping-of-Death attacks detected by Stateful Firewall.
Packets Dropped due to ICMPv6 Checksum Errors	Total number of packets dropped due to ICMPv6 Checksum errors.
ICMPv6 Packets With Destination Unreachable Message	Total number of ICMPv6 packets with Destination Unreachable Message.
ICMPv6 Echo Packets Dropped due to ID Zero	Total number of ICMPv6 echo packets dropped due to zero ID.
General Stats:	
Packets without Any Data Received	Total number of packets received without any data.
No Matching Uplink Ruledef	Total number of uplink packets with no matching ruledef.
No Matching Downlink Ruledef	Total number of downlink packets with no matching ruledef.
Deny Ruledef Matched	Total number of times deny ruledef was matched.

Field	Description
Packets Dropped due to No Ruledef in Rulebase	Total number of packets dropped due to no ruledef in rulebase. **Important** This field is deprecated in release 15.0 and later releases.
Packets Dropped due to Miscellaneous Errors	Total number of packets dropped due to miscellaneous errors.
Flows Timed-out	Total number of flows that timed out.
Flows Not Established from External Network	Total number of flows from external networks that were not established.
Max Flows Limit Reached	Total number of times the maximum flows limit was reached.
IP Retransmitted Packets Dropped	Total number of IP retransmitted packets dropped.
Data Stats:	
Total Packets Received	Total number of packets received in uplink and downlink flows.
Total Bytes Received	Total number of bytes received by Stateful Firewall.
Total Packets Sent	Total number of packets sent by Stateful Firewall.
Total Bytes Sent	Total number of bytes sent by Stateful Firewall.
Total Packets Injected	Total number of packets injected by Stateful Firewall.
Total Bytes Injected	Total number of bytes injected by Stateful Firewall.
Uplink Packets Dropped	Total number of packets in uplink flow dropped by Stateful Firewall.
Uplink Bytes Dropped	Total number of bytes in uplink flow dropped by Stateful Firewall.
Downlink Packets Dropped	Total number of packets in downlink flow dropped by Stateful Firewall.
Downlink Bytes Dropped	Total number of bytes in downlink flow dropped by Stateful Firewall.
Total Malformed Packets	Total number of malformed packets detected by Stateful Firewall.
Total DOS Attacks	Total number of Denial-of-Service attacks detected by Stateful Firewall.
Total Flows Processed by Firewall	Total number of flows processed by Stateful Firewall.

show active-charging firewall track-list attacking-servers

Table 52: show active-charging firewall track-list attacking-servers Command Output Descriptions

Field	Description
Attacking Servers:	
Server IP address	IP address of server being tracked for involvement in Denial-of-Service (DOS) attacks.
Time of last attack	Date and time of last attack from the server.
Time of first attack	Date and time of first attack from the server.
Total attacks	Total number of attacks from the server.
Last Attack Type	The last DOS attack type from the server.
Total attacking servers found	Total number of attacking servers found.

show active-charging fw-and-nat policy name

Note This show command and counters are available in the releases: 8.1, UMTS releases supporting policy-based Firewall and NAT; 9.0 and later.

Table 53: show active-charging fw-and-nat policy name Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
Firewall Policy Name	Name of the Firewall-and-NAT Policy.
Firewall Status IPv4	Indicates whether IPv4 Stateful Firewall is enabled or disabled in the Firewall-and-NAT policy.
Firewall Status IPv6	Indicates whether IPv6 Stateful Firewall is enabled or disabled in the Firewall-and-NAT policy.
NAT Status NAT44	Indicates whether NAT44 is enabled or disabled in the Firewall-and-NAT policy.
NAT Status NAT64	Indicates whether NAT64 is enabled or disabled in the Firewall-and-NAT policy.
NAT Status	Indicates whether NAT is enabled or disabled in the Firewall-and-NAT policy.
Flow recovery status:	

Field	Description
Basic NAT flows	Indicates whether flow recovery is enabled or disabled for basic NAT flows in the Firewall-and-NAT policy.
Recoverable basic NAT flows	Displays the total number of recoverable basic NAT flows in the Firewall-and-NAT policy.
SIP-ALG	Indicates whether flow recovery is enabled or disabled for SIP ALG in the Firewall-and-NAT policy.
ICSR Flow-recovery Status:	
Non-ALG	Indicates whether ICSR flow-recovery is enabled or disabled for non-ALGs in the Firewall-and-NAT policy. **Important** This statistic is deprecated in 14.0 and later releases.
Basic NAT	Indicates whether ICSR flow-recovery is enabled or disabled for basic NAT in the Firewall-and-NAT policy.
SIP-ALG	Indicates whether ICSR flow-recovery is enabled or disabled for SIP ALG in the Firewall-and-NAT policy.
H323-ALG	Indicates whether ICSR flow-recovery is enabled or disabled for H323 ALG in the Firewall-and-NAT policy.
Firewall and NAT Action Priorities	
Ruledef Name	Name of the access ruledef.
Type	Indicates the ruledef type. • FD: Firewall Dynamic Ruledef — Predefined and disabled rules that can be enabled/disabled by the policy server. • FS: Firewall Static Ruledef — Predefined and enabled rules that cannot be modified by the policy server. • FSDP: Firewall Static & Dynamic Ruledef —Predefined and enabled rules that can be enabled/disabled by the policy server.
Priority	Priority of the access ruledef in the Firewall-and-NAT policy.
Charging-action/ Fw-and-nat-action	The charging action (C) or the fw-and-nat action (F) configured with the access ruledef.
Port-trigger aux-ports:direction	The auxiliary ports open for traffic, and the direction from which the auxiliary connection is initiated.
NAT-Realm	Name of the NAT realm.
Firewall Configuration	
Dos-Protection	

Field	Description
Source-Route	Indicates status of protection against IP Source Route IP Option attacks.
Win-Nuke	Indicates status of protection against Win Nuke attacks.
Mime-Flood	Indicates status of protection against MIME Flood attacks.
FTP-Bounce	Indicates status of protection against FTP Bounce attacks.
IP-Unaligned-Timestamp	Indicates status of protection against IP Unaligned Timestamp attacks.
TCP-Window-Containment	Indicates status of protection against TCP Window Containment.
Teardrop	Indicates status of protection against Teardrop attacks.
UDP Flooding	Indicates status of protection against UDP Flooding attacks.
ICMP Flooding	Indicates status of protection against ICMP Flooding attacks.
SYN Flooding	Indicates status of protection against SYN Flooding attacks.
Port Scan	Indicates status of protection against Port Scan attacks.
IPv6 Extension Headers Limit	Indicates status of protection against maximum limit of IPv6 extension headers in an IPv6 packet. An IPv6 packet can contain zero or more extension headers.
IPv6 Hop By Hop Options	Indicates status of protection against IPv6 packets containing hop-by-hop extension header options.
Hop By Hop Router Alert Option	Indicates status of protection against IPv6 packets containing router alert hop-by-hop option.
Hop By Hop Jumbo Payload Option	Indicates status of protection against IPv6 packets containing jumbo payload hop-by-hop option.
Invalid Hop By Hop Options	Indicates status of protection against IPv6 packets containing invalid hop-by-hop options.
Unknown Hop By Hop Options	Indicates status of protection against IPv6 packets containing unknown hop-by-hop options.
IPv6 Destination Options	Indicates status of protection against IPv6 packets containing IPv6 destination options header.
Invalid Destination Options	Indicates status of protection against IPv6 packets containing invalid destination options.
Unknown Destination Options	Indicates status of protection against IPv6 packets containing unknown destination options.
IPv6 Nested Fragmentation	Indicates status of protection against IPv6 packets containing IPv6 nested fragmentation.
UDP IP Sweep	Indicates status of protection against UDP IP sweep attacks.

Field	Description
ICMP IP Sweep	Indicates status of protection against ICMP IP sweep attacks.
TCP-SYN IP Sweep	Indicates status of protection against TCP-SYN IP sweep attacks.
Max-Packet-Size	
ICMP	For ICMP protocol, the maximum IP packet size (after IP reassembly) allowed over Stateful Firewall.
Non-ICMP	For non-ICMP protocol, the maximum IP packet size (after IP reassembly) allowed over Stateful Firewall.
Flooding	
ICMP limit	The maximum number of ICMP packets allowed during a sampling interval.
UDP limit	The maximum number of UDP packets allowed during a sampling interval.
TCP-SYN limit	The maximum number of TCP-SYN packets allowed during a sampling interval.
Sampling Interval	The flooding sampling interval, in seconds.
TCP-SYN Flood Intercept	
Mode	The TCP SYN flood intercept mode. • none • intercept • watch
Watch-timeout	The TCP intercept watch timeout, in seconds.
Mime-Flood Params	
HTTP Header-Limit	The maximum number of headers allowed in an HTTP packet.
HTTP Max-Header-Field-Size	The maximum header field size allowed in an HTTP header, in bytes.
No Firewall Ruledef Match Action	
Uplink Action	Action configured for uplink packets with no access ruledef matches.
Uplink Charging-Action	Charging action configured for uplink packets with no access ruledef matches.
Uplink NAT-Realm	The NAT-realm to be used if none of the firewall ruledefs are matched for the uplink traffic.
Uplink Fw-and-nat-action	The Fw-and-nat action to be used if none of the firewall ruledefs are matched for the uplink traffic.
Downlink Action	Action configured for downlink packets with no access ruledef matches.
Downlink Charging-Action	Charging action configured for downlink packets with no access ruledef matches.

Field	Description
Downlink NAT-Realm	The NAT-realm to be used if none of the firewall ruledefs are matched for the downlink traffic.
Downlink Fw-and-nat-action	The Fw-and-nat action to be used if none of the firewall ruledefs are matched for the downlink traffic.
TCP RST Message Threshold	Indicates whether a threshold limit is set on the number of TCP reset messages sent by the subscriber for a particular data flow.
TCP RST Message Threshold Value	The threshold value set for the number of TCP reset messages sent by the subscriber for a particular data flow. Range: 1 to 100
ICMP Dest-Unreachable Threshold	Indicates whether a threshold limit is set on the number of ICMP error messages sent by the subscriber for a particular data flow.
ICMP Dest-Unreachable Threshold Value	The threshold value set for the number of ICMP error messages sent by the subscriber for a particular data flow.
Action upon receiving TCP SYN packet with ECN/CWR Flag set	Indicates the action to be taken on receiving a TCP SYN packet with ECN/CWR Flag set.
Action upon receiving a malformed packet	Indicates the action to be taken on receiving a malformed packet.
Action upon IP Reassembly Failure	Indicates the action to be taken on IP reassembly failure.
Action upon receiving an IP packet with invalid Options	Indicates the action to be taken on receiving an IP packet with invalid options.
Action upon receiving a TCP packet with invalid Options	Indicates the action to be taken on receiving a TCP packet with invalid options.
Action upon receiving an ICMP packet with invalid Checksum	Indicates the action to be taken on receiving an ICMP packet with invalid checksum.
Action upon receiving a TCP packet with invalid Checksum	Indicates the action to be taken on receiving a TCP packet with invalid checksum.
Action upon receiving a UDP packet with invalid Checksum	Indicates the action to be taken on receiving a UDP packet with invalid checksum.
Action upon receiving an ICMP echo packet with id zero	Indicates the action to be taken on receiving an ICMP echo packet with id zero.
TCP Stateful Checks	Indicates whether stateful checks for TCP is enabled or disabled.
First Packet Non-SYN Action	Indicates the action to be taken on flows with first packet Non-SYN.
ICMP Stateful Checks	Indicates whether Stateful checks for ICMP is enabled or disabled.
TCP Partial Connection Timeout	Displays the time period for TCP partial connection, in seconds.
NAT Configuration	

Field	Description
NBR Format	Displays the NAT Binding Record format.
Private IP NPU Flow Timeout	The time period for private IP NPU Flow, in seconds.
Suppress sending NAT bind update to AAA	Indicates if the NAT bind update sent to AAA is suppressed or not.
Default NAT-Realm	The default NAT-realm to be used if no NAT-realm is found as part of firewall ruledefs.
Default Fw-and-nat-action	The Fw-and-nat action to be used when the default NAT-realm is used.

show active-charging flow-kpi all

Table 54: show active-charging flow-kpi all Command Output Descriptions

Field	Description
Rule Name	The name of rules eligible for flow checkpointing.
Active Flows	Total number of active flows of the rule.
SR Flow Checkpoint Sent	Total number of SR flow checkpoint sent for the rule.
SR Flow Checkpoint Received	Total number of SR flow checkpoint received for the rule.
GR Flow Checkpoint Sent	Total number of GR flow checkpoint sent for the rule.
GR Flow Checkpoint Received	Total number of GR flow checkpoint received for the rule.
SR Flow Checkpoint Delete Sent	Total number of SR delete flow checkpoint sent for the rule.
SR Flow Checkpoint Delete Received	Total number of SR delete flow checkpoint received for the rule.
GR Flow Checkpoint Delete Sent	Total number of GR delete flow checkpoint sent for the rule.
GR Flow Checkpoint Delete Received	Total number of GR delete flow checkpoint received for the rule.
Flows of lifetime bucket1	Total number of flows of lifetime_bucket1. Lifetime value of bucket1 is configurable.
Flows of lifetime bucket2	Total number of flows of lifetime_bucket2. Lifetime value of bucket2 is configurable.
Flows of lifetime bucket3	Total number of flows of lifetime_bucket3. Lifetime value of bucket3 is configurable.

show active-charging flows full

Table 55: show active-charging flows full Command Output Descriptions

Field	Description
FP-Stream-ID (Up)	Specifies the fastpath stream ID of uplink packets.
FP-Stream-State (Up)	Specifies the fastpath stream state of uplink packets.
FP-Stream-ID (Down)	Specifies the fastpath stream ID of downlink packets.
FP-Stream-State (Down)	Specifies the fastpath stream state of downlink packets.
FP-Client-ID	Specifies the VPP fastpath client ID.
Offload-Stream-at-packet (up)	Specifies the packet number of a stream offloaded from the session manager to VPP when the uplink traffic starts.
Offload-Stream-at-packet (Down)	Specifies the packet number of a stream offloaded from the session manager to VPP when the downlink traffic starts.
VPP FP UL Packets	Specifies the VPP count for uplink packets.
VPP FP UL Bytes	Specifies the VPP count for uplink bytes.
VPP FP DL Packets	Specifies the VPP count for downlink packets.
VPP FP DL Bytes	Specifies the VPP count for downlink bytes.
VPP FP Packets	Specifies total offloaded fastpath packets.
VPP FP Dropped Packets	Specifies dropped packets by VPP.
VPP Onload Succeeded	Specifies total packet onloaded from VPP (onloaded to session manager).
Flow-ID	Identifier for flows.
Session-ID	Identifier for ACS session.
Uplink Packets	The total number of uplinked packets.
Uplink Bytes	The total number of uplinked bytes.
Downlink Packets	The total number of downlinked packets.
Downlink Bytes	Total number of downlinked bytes.
FP Packets	Number of data packets processed in fastpath for this flow.
MS IP	The MS IP address.
MS NAT IP	The MS NAT IP address.
Server IP	The server IP address.

Field	Description
Transport Protocol	The transport protocol: TCP, UDP, ICMP
Application Protocol	The application protocol.
Video Pacing	Indicates whether video pacing is enabled or disabled.
Video Encoded Bit Rate	The currently enforced bit rate for video pacing.
Video Pacing Initial Burst Size	The initial burst size allowed, in bytes, during video pacing.
Video Pacing Normal Burst Size	The normal burst size allowed, in bytes, during video pacing.
Video Pacing Dropped Bytes	The number of data bytes dropped during video pacing.
Video Payload Bytes Sent towards User	The number of data bytes sent to the UE during video pacing.
Video Pacing Duration	The total number of video pacing in seconds.
TCP MS Port	The TCP MS port number.
TCP MS NAT Port	The TCP MS NAT port number. This field is not displayed for one-to-one NAT.
TCP Server Port	The TCP server port number.
TCP State	Indicates the TCP state.
TCP Prev State	Indicates the previous TCP state.
MS Window Size	The mobile window size.
Server Window Size	The server window size.
MS Retries	The total number of mobile subscriber retries.
Server Retries	The total number of server retries.
ITC Action Applied	Indicates that the ITC action is applied.
Throttle-Suppress Countdown	Displays the configured timeout (elapsed time) when flow is throttle-suppressed.
Throttle-Suppress	Displays "n/a" when throttle-suppress is inactive.
Socket Migration Details:	TCP Proxy Socket Migration related information.
State	Indicates the Socket Migration state of the flow. For example, SOCK_MIG_DONE.
Highest ACK Frm Server	The highest acknowledgment number from the server.
Highest Seq Frm Server	The Highest sequence number from the server.
Highest ACK Frm MS	The highest acknowledgement number from the MS.

Field	Description
Highest Seq Frm MS	The highest sequence number from the MS.
Seq Frm MS at Mig	Sequence number from MS at migration.
ACK Frm MS at Mig	Acknowledgement number from MS at migration.
Seq Frm Server at Mig	The sequence number from the server at migration.
ACK Frm Server at Mig	The acknowledgement number from the server at migration.
Data To Be Delivered To MS	Data to be delivered to the MS.
Data To Be Delivered To Server	Data to be delivered to the server.
Highest Seq Frm MS	Highest sequence number from the MS.
Timestamps Enabled	Indicates if timestamps option is enabled.
SACK Enabled	Indicates if selective acknowledgement is enabled.
Wscale From MS	Window scale value from MS.
Wscale From Server	Window scale value from server.
Buffering Statistics:	
Buffered Uplink Packets	The total number of buffered uplink packets.
Buffered Uplink Bytes	The total number of buffered uplink bytes.
Buffered Downlink Packets	The total number of buffered downlink packets.
Buffered Downlink Bytes	The total number of buffered downlink bytes.
Uplink Packets in Buffer	The total number of uplink packets in the buffer.
Uplink Bytes in Buffer	The total number of uplink bytes in the buffer.
Downlink Packets in Buffer	The total number of downlink packets in the buffer.
Downlink Bytes in Buffer	The total number of downlink bytes in the buffer.
Buff Over-limit Uplink Pkts	The total number of uplink packets that are over the limit in the buffer.
Buff Over-limit Uplink Bytes	The total number of uplink bytes that are over the limit in the buffer.
Buff Over-limit Downlink Pkts	The total number of downlink packets that are over the limit in the buffer.
Buff Over-limit Downlink Bytes	The total number of downlink bytes that are over the limit in the buffer.
CAE-Readdressing:	
Requests CAE-Readdressed	The total number of request readdressing done.
Responses CAE-Readdressed	The total number of response readdressing done.

Field	Description
Requests having xheader inserted	The total number of HTTP requests with x-headers inserted.
Total connect failed to CAE	The total number of connections failed to the CAE.
Total CAE-Readdressed Uplink Bytes	The total number of uplink bytes readdressed.
Total CAE-Readdressed Uplink Packets	The total number of uplink packets readdressed.
Total CAE-Readdressed Downlink Bytes	The total number of downlink bytes readdressed.
Total CAE-Readdressed Downlink Packets	The total number of downlink packets readdressed.
Flows connected to CAE	The total number of flows connected to the CAE.
Proxy Disable Success	The total number of flows with proxy disabled.
Proxy Disable Failed	The total number of times the proxy disable function failed.
Link Monitoring	
Average Throughput	The average TCP throughput of downlink TCP traffic towards the mobile device, in kbps.
Average RTT	The average TCP RTT (Round Trip Time) of downlink TCP traffic towards the mobile device, in milliseconds.
Tethering detection performed	Indicates whether tethering detection was performed.
Tethering detected	Indicates whether tethering was detected.
Total ACS flows matching specified criteria	The total number of ACS flows that match the specified criteria.

show active-charging flows full

Table 56: show active-charging flows full Command Output Descriptions

Field	Description
FP-Stream-ID (Up)	Specifies the fastpath stream ID of uplink packets.
FP-Stream-State (Up)	Specifies the fastpath stream state of uplink packets.
FP-Stream-ID (Down)	Specifies the fastpath stream ID of downlink packets.
FP-Stream-State (Down)	Specifies the fastpath stream state of downlink packets.
FP-Client-ID	Specifies the VPP fastpath client ID.

Field	Description
Offload-Stream-at-packet (up)	Specifies the packet number of a stream offloaded from the session manager to VPP when the uplink traffic starts.
Offload-Stream-at-packet (Down)	Specifies the packet number of a stream offloaded from the session manager to VPP when the downlink traffic starts.
VPP FP UL Packets	Specifies the VPP count for uplink packets.
VPP FP UL Bytes	Specifies the VPP count for uplink bytes.
VPP FP DL Packets	Specifies the VPP count for downlink packets.
VPP FP DL Bytes	Specifies the VPP count for downlink bytes.
VPP FP Packets	Specifies total offloaded fastpath packets.
VPP FP Dropped Packets	Specifies dropped packets by VPP.
VPP Onload Succeeded	Specifies total packet onloaded from VPP (onloaded to session manager).
Flow-ID	Identifier for flows.
Session-ID	Identifier for ACS session.
Uplink Packets	The total number of uplinked packets.
Uplink Bytes	The total number of uplinked bytes.
Downlink Packets	The total number of downlinked packets.
Downlink Bytes	Total number of downlinked bytes.
FP Packets	Number of data packets processed in fastpath for this flow.
MS IP	The MS IP address.
MS NAT IP	The MS NAT IP address.
Server IP	The server IP address.
Transport Protocol	The transport protocol: TCP, UDP, ICMP
Application Protocol	The application protocol.
Video Pacing	Indicates whether video pacing is enabled or disabled.
Video Encoded Bit Rate	The currently enforced bit rate for video pacing.
Video Pacing Initial Burst Size	The initial burst size allowed, in bytes, during video pacing.
Video Pacing Normal Burst Size	The normal burst size allowed, in bytes, during video pacing.
Video Pacing Dropped Bytes	The number of data bytes dropped during video pacing.

Field	Description
Video Payload Bytes Sent towards User	The number of data bytes sent to the UE during video pacing.
Video Pacing Duration	The total number of video pacing in seconds.
TCP MS Port	The TCP MS port number.
TCP MS NAT Port	The TCP MS NAT port number. This field is not displayed for one-to-one NAT.
TCP Server Port	The TCP server port number.
TCP State	Indicates the TCP state.
TCP Prev State	Indicates the previous TCP state.
MS Window Size	The mobile window size.
Server Window Size	The server window size.
MS Retries	The total number of mobile subscriber retries.
Server Retries	The total number of server retries.
ITC Action Applied	Indicates that the ITC action is applied.
Throttle-Suppress Countdown	Displays the configured timeout (elapsed time) when flow is throttle-suppressed.
Throttle-Suppress	Displays "n/a" when throttle-suppress is inactive.
Socket Migration Details:	TCP Proxy Socket Migration related information.
State	Indicates the Socket Migration state of the flow. For example, SOCK_MIG_DONE.
Highest ACK Frm Server	The highest acknowledgment number from the server.
Highest Seq Frm Server	The Highest sequence number from the server.
Highest ACK Frm MS	The highest acknowledgement number from the MS.
Highest Seq Frm MS	The highest sequence number from the MS.
Seq Frm MS at Mig	Sequence number from MS at migration.
ACK Frm MS at Mig	Acknowledgement number from MS at migration.
Seq Frm Server at Mig	The sequence number from the server at migration.
ACK Frm Server at Mig	The acknowledgement number from the server at migration.
Data To Be Delivered To MS	Data to be delivered to the MS.
Data To Be Delivered To Server	Data to be delivered to the server.

Field	Description
Highest Seq Frm MS	Highest sequence number from the MS.
Timestamps Enabled	Indicates if timestamps option is enabled.
SACK Enabled	Indicates if selective acknowledgement is enabled.
Wscale From MS	Window scale value from MS.
Wscale From Server	Window scale value from server.
Buffering Statistics:	
Buffered Uplink Packets	The total number of buffered uplink packets.
Buffered Uplink Bytes	The total number of buffered uplink bytes.
Buffered Downlink Packets	The total number of buffered downlink packets.
Buffered Downlink Bytes	The total number of buffered downlink bytes.
Uplink Packets in Buffer	The total number of uplink packets in the buffer.
Uplink Bytes in Buffer	The total number of uplink bytes in the buffer.
Downlink Packets in Buffer	The total number of downlink packets in the buffer.
Downlink Bytes in Buffer	The total number of downlink bytes in the buffer.
Buff Over-limit Uplink Pkts	The total number of uplink packets that are over the limit in the buffer.
Buff Over-limit Uplink Bytes	The total number of uplink bytes that are over the limit in the buffer.
Buff Over-limit Downlink Pkts	The total number of downlink packets that are over the limit in the buffer.
Buff Over-limit Downlink Bytes	The total number of downlink bytes that are over the limit in the buffer.
CAE-Readdressing:	
Requests CAE-Readdressed	The total number of request readdressing done.
Responses CAE-Readdressed	The total number of response readdressing done.
Requests having xheader inserted	The total number of HTTP requests with x-headers inserted.
Total connect failed to CAE	The total number of connections failed to the CAE.
Total CAE-Readdressed Uplink Bytes	The total number of uplink bytes readdressed.
Total CAE-Readdressed Uplink Packets	The total number of uplink packets readdressed.
Total CAE-Readdressed Downlink Bytes	The total number of downlink bytes readdressed.

Field	Description
Total CAE-Readdressed Downlink Packets	The total number of downlink packets readdressed.
Flows connected to CAE	The total number of flows connected to the CAE.
Proxy Disable Success	The total number of flows with proxy disabled.
Proxy Disable Failed	The total number of times the proxy disable function failed.
Link Monitoring	
Average Throughput	The average TCP throughput of downlink TCP traffic towards the mobile device, in kbps.
Average RTT	The average TCP RTT (Round Trip Time) of downlink TCP traffic towards the mobile device, in milliseconds.
Tethering detection performed	Indicates whether tethering detection was performed.
Tethering detected	Indicates whether tethering was detected.
Total ACS flows matching specified criteria	The total number of ACS flows that match the specified criteria.

show active-charging flows summary

Table 57: show active-charging flows summary Command Output Descriptions

Field	Description
Current:	
Active Flows	Specifies the total number of active flows currently on the system.
TCP Active flows	Specifies the total number of active flows for TCP traffic.
DNS Active flows	Specifies the total number of active flows for DNS traffic.
ICMPV6 Active flows	Specifies the total number of active flows for ICMPv6 traffic.
Idle Flows:	
TCP Idle flows	Specifies the total number of idle flows for TCP traffic.
UDP Idle flows	Specifies the total number of idle flows for UDP traffic.
ICMPv6 Idle flows	Specifies the total number of idle flows for ICMPv6 traffic.
DNS Idle flows	Specifies the total number of idle flows for DNS traffic.
Cumulative:	

Field	Description
Uplink Packets	Specifies the total number of uplinked packets.
Uplink Bytes	Specifies the total number of uplinked bytes.
Downlink Packets	Specifies the total number of downlinked packets.
Downlink Bytes	Specifies the total number of downlinked bytes.

show active-charging flows full debug-info all

Table 58: show active-charging flows full debug-info all Command Output Descriptions

Field	Description
Last Active Tick Time	Specifies the last active tick time for the data packet.
Current Tick Time	Specifies the current system tick time.

show active-charging flows full type p2p

Table 59: show active-charging flows full type p2p Command Output Descriptions

Field	Description
Flow-ID	Identifier for flows.
Session-ID	Identifier for Active Charging session with P2P.
Uplink Packets	Total packets uplinked.
Downlink Packets	Total packets downlinked.
Uplink Bytes	Total bytes uplinked.
Downlink Bytes	Total bytes downlinked.
Transport Protocol	The protocol used for data transport.
Application Protocol	The type of application protocol used for this session.
UDP Client Port	UDP port on client communication.
UDP Server Port	UDP port on server for communication.
ITC Action Applied	Status of Intelligent Traffic Control (ITC) on this session traffic.

show active-charging flows type cdp

Table 60: show active-charging flows type cdp Command Output Descriptions

Field	Description
Session-ID	Identifier for Active Charging session with CDP.
Flow-ID	Identifier for Flows.
Flow-num	Identifies the flow number.

Field	Description
Application Protocol (VV)	The protocol used for application. Supported application protocols are: • HT- HTTP • HS - HTTPS • SM - SMTP • P3 - POP3 • WT - WTP • WS - WSP • DN - DNS • RT - RTP • EM - EMAIL • MM - MMS • FT - FTP • SI - SIP • WW - WWW • RS - RTSP • IM - IMAP • P2 - P2P • RC - RTCP • TF - TFTP • WC - WSP Connection Oriented • WX - WSP Connection-less • H3 - H323 • PP - PPTP • RA - RADIUS • XX - Unknown

Field	Description
Transport Protocol (v)	The protocol used for data transport. Supported data transport protocols are: • T - TCP • U - UDP • I - ICMP and ICMPv6 • G - GREv1 • X - Unknown
Bytes-Up	Total bytes uplinked.
Bytes-Down	Total bytes downlinked.
Packets-Up	Total packets uplinked.
Packets-Down	Total packets downlinked.
Total ACS flows matching specified criteria	The total number of ACS flows matching the specified criteria.

show active-charging flows type p2p

Table 61: show active-charging flows type p2p Command Output Descriptions

Field	Description
Flow-ID	Identifier for Flows.
Session-ID	Identifier for Active Charging session with P2P.
Flow-num	Identifies the flow number.

Field	Description
Application Protocol (VV)	The protocol used for application. Supported application protocols are: • HT- HTTP • HS - HTTPS • SM - SMTP • P3 - POP3 • WT - WTP • WS - WSP • DN - DNS • RT - RTP • EM - EMAIL • MM - MMS • FT - FTP • SI - SIP • WW - WWW • RS - RTSP • IM - IMAP • P2 - P2P • RC - RTCP • TF - TFTP • WC - WSP Connection Oriented • WX - WSP Connection-less • XX - Unknown • H3 - H323 • PP - PPTP • M6 - MIPv6 • XX - Unknown

Field	Description
Transport Protocol (v)	The protocol used for data transport. Supported data transport protocols are: • T - TCP • U - UDP • I - ICMP and ICMPv6 • G - GREv1 • X - Unknown
Bytes-Up	Total bytes uplinked.
Bytes-Down	Total bytes downlinked.
Packets-Up	Total packets uplinked.
Packets-Down	Total packets downlinked.
Uplink Bytes	Total bytes uplinked.
Downlink Bytes	Total bytes downlinked.
Transport Protocol	The protocol used for data transport.
Application Protocol	The type of application protocol used for this session.
UDP Client Port	UDP port on client communication.
UDP Server Port	UDP port on server for communication.
ITC Action Applied	Status of intelligent traffic control (ITC) on this session traffic.

show active-charging flow-mappings all

Table 62: show active-charging flow-mappings all Command Output Descriptions

Field	Description
Call-ID	The call identification number to which the data flow belongs.
MS IP	The IP address of the mobile subscriber.
MS NAT IP	The NAT IP address allocated to the mobile subscriber.
MS Server IP	The server IP address of the mobile subscriber.
Transport Protocol	The transport protocol of the flow: TCP or UDP

Field	Description
TCP MS Port	The TCP port number of the mobile subscriber.
TCP MS NAT Port	The TCP NAT port number allocated to the mobile subscriber. This field is applicable for many-to-one NAT.
TCP Server Port	The TCP server port number for this flow (destination server port).
UDP MS Port	The UDP port number of the mobile subscriber.
UDP MS NAT Port	The UDP NAT port number allocated to the mobile subscriber. This field is applicable for many-to-one NAT.
UDP Server Port	The UDP server port number for this flow (destination server port).
Flow-Mapping timeout	The timeout after which the flow-mappings will be deleted.
Mapping Expiry	The time in seconds left for the flow-mapping timeout to happen. This value decrements starting from a maximum of "Flow-Mapping timeout". Upon this value reaching zero, the flow mapping will be deleted.

show active-charging group-of-ruledefs name

Table 63: show active-charging group-of-ruledefs name Command Output Descriptions

Field	Description
Service Name	The service in which the specified group-of-ruledefs is configured.
Group-of-Ruledefs Name	Name of the group-of-ruledefs.
Ruledef Name	Names of the ruledefs added to the group-of-ruledefs.
Priority	The priorities configured for each of the ruledefs in the group-of-ruledefs.
Total group(s)-of-ruledefs found	The total number of group(s)-of-ruledefs matching the specified criteria.

show active-charging nat statistics

Table 64: show active-charging nat statistics Command Output Descriptions

Field	Description
NAT Realm Utilization:	
Realm Name	Name of the NAT realm.

Field	Description
Context	Context in which the NAT realm is configured.
Current IP Address-In-Use	The number of IP addresses from the NAT realm currently in use.
Total IP Address	The total number of IP addresses for the NAT realm.
Current Calls Using-Realm	The number of current calls using the NAT realm.
Current Port-Chunks Available	The number of port chunks currently available.
Current Port-Chunks-In-Use	The number of port chunks currently in use.
Total Port-Chunks	The total number of port chunks for the NAT realm.
Port-Chunk Size	The size of the port chunks.
Current Port-Chunks-On-hold	The number of port chunks currently on hold.
Statistics:	
Total AAA alloc msgs sent	The total number of AAA allocation messages sent.
Total AAA dealloc msgs sent	The total number of AAA deallocation messages sent.
Total flows denied IP	The total number of subscriber flows that were denied NAT IP address.
Total flows denied port	The total number of subscriber flows that were denied a port.
NAT44 flows denied IP	The total number of NAT44 flows that were denied NAT IP address.
NAT44 flows denied port	The total number of NAT44 flows that were denied a port.
NAT64 flows denied IP	The total number of NAT64 flows that were denied NAT IP address.
NAT64 flows denied port	The total number of NAT64 flows that were denied a port.
Total flows denied memory	The total number of flows that were denied memory.
NAT44 flows denied memory	The total number of NAT44 flows that were denied memory.
NAT64 flows denied memory	The total number of NAT64 flows that were denied memory.
Total bytes Transferred	The total number of bytes transferred.
Total flows processed	The total number of flows processed.
NAT44 bytes Transferred	The total number of NAT44 bytes transferred.
NAT44 flows processed	The total number of NAT44 flows processed.
NAT64 bytes Transferred	The total number of NAT64 bytes transferred.
NAT64 flows processed	The total number of NAT64 flows processed.

Field	Description
Average TCP port usage	The average TCP port usage in the allocated TCP ports, i.e out of allocated TCP ports how many got used.
Average UDP port usage	The average UDP port usage in the allocated UDP ports, i.e out of allocated UDP ports how many got used.
Average Others port usage	The average Others (ICMP or GRE) port usage in the allocated others ports, i.e out of allocated 'Others' ports how many got used.
Total IP Alloc Reqs	The total number of IP allocation requests.
Total IP Dealloc Reqs	The total number of IP deallocation requests.
Total Port-Chunk Alloc Reqs	The total number of port-chunk allocation requests.
Total Port-Chunk Dealloc Reqs	The total number of port-chunk deallocation requests.
Total IP Alloc failure	The total number of IP allocation failures.
Total Port-Chunk Alloc failure	The total number of port-chunk allocation failures.
Total IP Alloc Bounce	The total number of IP allocations that bounced.
Total IP Audit Req	The total number of IP audit requests.
Total IP Audit Failure	The total number of IP audit failures.
Total IP Alloc failure while recovery is in progress	The total number of IP allocation failures while recovery is in progress.
Total Port-Chunk Alloc failure while recovery is in progress	The total number of port-chunk allocation failures while recovery is in progress.
Port-Chunks distribution	
Max no.of chunks used	The maximum number of port chunks used.
Total no.of subscribers	Total number of subscribers using maximum number of port chunks.
Current no.of subscribers	Total number of current subscribers using maximum number of port chunks.
Total Realms	The total number of NAT realms found.
Ports distribution	
Max no. of ports used	The maximum number of ports used.
Total no. of Subscribers	Total number of subscribers using maximum number of ports.

Field	Description
Important The maximum number of ports used are divided into buckets of size 8, with the following two exceptions: The first bucket [0-8] includes not-on-demand calls, that is, subscribers who are allocated a port chunk without using any ports at all will fall into the first bucket. The last bucket [>=65] includes all subscribers using greater than 64 ports.	

show active-charging nat statistics unsolicited-pkts-server-list instance <instance_num>

Table 65: show active-charging nat statistics unsolicited-pkts-server-list instance <instance_num> Command Output Descriptions

Field	Description
Server IP address	Displays the IP address of the server(s).
Total Number of Unsolicited Pkts	Displays the number of unsolicited downlink packets received.
Total Number of ICMP-HU Sent	Displays the number of ICMP-HU packets sent.

show active-charging p2p-dynamic-rules verbose

This command is not supported in this release.

show active-charging pcp-service all



Important This command is customer specific. For more information, contact your Cisco account representative.

Table 66: show active-charging pcp-service all Command Output Descriptions

Field	Description
Active Charging Service Name	Name of the ACS service.
PCP Service Name	Name of the PCP service.
PCP Supported Version	The supported version number of the PCP service.
PCP IPv4 Address/Port	The IPv4 address or port number of the PCP service.
Policy Control Options	

Field	Description
Request Opcodes	
Map Opcode	Indicates whether Request Map opcode is enabled or not.
Map Options	The Request Map opcode options are: • filter • prefer-failure
Peer Opcode	Indicates whether Request Peer opcode is enabled or not.
Announce Opcode	Indicates whether Request Announce opcode is enabled or not.
Response Opcodes	
Map Life-Time	
Success	Indicates the lifetime for successful Map responses.
Long Error	Indicates the life-time for long error cases.
Short Error	Indicates the life-time for short error cases.
Peer Life-Time	
Success	Indicates the lifetime for successful Peer responses.
Long Error	Indicates the life-time for long error cases.
Short Error	Indicates the life-time for short error cases.
Total PCP Service(s) found	Total number of PCP services matching the specified criteria.

show active-charging pcp-service name



Important This command is customer specific. For more information, contact your Cisco account representative.

Table 67: show active-charging pcp-service name Command Output Descriptions

Field	Description
Active Charging Service Name	Name of the ACS service.
PCP Service Name	Name of the PCP service.
PCP Supported Version	The supported version number of the PCP service.
PCP IPv4 Address/Port	The IPv4 address or port number of the PCP service.

Field	Description
Policy Control Options	
Request Opcodes	
Map Opcode	Indicates whether Request Map opcode is enabled or not.
Map Options	The Request Map opcode options are: • filter • prefer-failure
Peer Opcode	Indicates whether Request Peer opcode is enabled or not.
Announce Opcode	Indicates whether Request Announce opcode is enabled or not.
Response Opcodes	
Map Life-Time	
Success	Indicates the lifetime for successful Map responses.
Long Error	Indicates the life-time for long error cases.
Short Error	Indicates the life-time for short error cases.
Peer Life-Time	
Success	Indicates the lifetime for successful Peer responses.
Long Error	Indicates the life-time for long error cases.
Short Error	Indicates the life-time for short error cases.
Total PCP Service(s) found	Total number of PCP services matching the specified criteria.

show active-charging pcp-service statistics

Important This command is customer specific. For more information, contact your Cisco account representative.

Table 68: show active-charging pcp-service statistics Command Output Descriptions

Field	Description
Active Charging Service Name	Name of the ACS service.
PCP Service Name	Name of the PCP service.
Total PCP Subscribers	Total number of PCP enabled subscribers.

Field	Description
Current PCP Subscribers	Current number of PCP enabled subscribers.
IPv4:	
Total PCP Requests	Total number of request packets received for the PCP service.
Total PCP Responses	Total number of PCP Responses sent by the PCP service.
Total Unknown Requests	Total number of PCP Responses sent by the PCP service for unknown PCP Requests.
Total Invalid Requests	Total number of PCP Responses sent by the PCP service for unknown PCP Requests.
Map:	
Total Requests	Total number of PCP MAP requests received for the PCP service.
Total Responses	Total number of PCP MAP Responses sent by the PCP service.
Valid Requests	Total number of valid PCP MAP requests received for the PCP service.
Invalid Requests	Total number of invalid PCP MAP requests received for the PCP service.
Success Responses	Total number of successful PCP MAP responses sent by the PCP service.
Error Responses	Total number of error PCP MAP responses sent by the PCP service.
Peer:	
Total Requests	Total number of PCP PEER requests received for the PCP service.
Total Responses	Total number of PCP PEER Responses sent by the PCP service.
Valid Requests	Total number of valid PCP PEER requests received for the PCP service.
Invalid Requests	Total number of invalid PCP PEER requests received for the PCP service.
Success Responses	Total number of successful PCP PEER responses sent by the PCP service.
Error Responses	Total number of error PCP PEER responses sent by the PCP service.
Announce:	
Total Requests	Total number of PCP ANNOUNCE requests received for the PCP service.
Total Responses	Total number of PCP ANNOUNCE Responses sent by the PCP service.
Valid Requests	Total number of valid PCP ANNOUNCE requests received for the PCP service.
Invalid Requests	Total number of invalid PCP ANNOUNCE requests received for the PCP service.
Success Responses	Total number of successful PCP ANNOUNCE responses sent by the PCP service.
Error Responses	Total number of error PCP ANNOUNCE responses sent by the PCP service.
Total PCP Service(s) matched	Total number of PCP services matching the specified criteria.

show active-charging radio-congestion policy all

Table 69: show active-charging radio-congestion policy all Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
Radio Congestion Policy	Name of the Radio Congestion policy.
Sampling Interval	Indicates the sampling interval, in seconds.
Reporting Interval	
Num Of Samples Required	Indicates the number of samples required.
Min Samples Required Per Flow	Indicates the minimum number of samples required per flow.
Rtt Samples	Indicated the number of RTT (Round Trip Time) samples for base RTT.
Data Loss	
Threshold	Indicates the threshold value for data loss.
Weightage	Indicates the weightage value for data loss.
Rtt Variance	
Threshold	Indicates the threshold value for RTT variance.
Weightage	Indicates the weightage value for RTT variance.
Congestion-level	
Low	Indicates the low congestion level value.
Medium	Indicates the medium congestion level value.
High	Indicates the high congestion level value.
Extreme	Indicates the extreme congestion level value.
correlation-method	Indicates the configured correlation method used to correlate multiple flows of a subscriber.

show active-charging radio-congestion policy statistics

Table 70: show active-charging radio-congestion policy statistics Command Output Descriptions

Field	Description
Total Bytes Analyzed	Total number of bytes that were successfully analyzed.
Total Bytes Retransmitted	Total number of bytes that were successfully retransmitted.
Total RTT Samples Analyzed	Total number of RTT samples that were analyzed.
Total Reports Generated	Total number of reports generated to CAE.
Total Reports Generated with Congestion Level no	Total number of generated reports with no congestion.
Total Reports Generated with Congestion Level low	Total number of generated reports with low congestion.
Total Reports Generated with Congestion Level medium	Total number of generated reports with medium congestion.
Total Reports Generated with Congestion Level high	Total number of generated reports with high congestion.
Total Reports Generated with Congestion Level extreme	Total number of generated reports with extreme congestion.
Total Reports Send with Congestion Level no	Total number of generated sent with no congestion.
Total Reports Send with Congestion Level low	Total number of generated sent with low congestion.
Total Reports Send with Congestion Level medium	Total number of generated sent with medium congestion.
Total Reports Send with Congestion Level high	Total number of generated sent with high congestion.
Total Reports Send with Congestion Level extreme	Total number of generated sent with extreme congestion.
Total Flows Analyzed	Total number of flows that were successfully analyzed.
Total Flows Eligible for Correlation	Total number of flows eligible for correlation.
Total Flows with Congestion Level no	Total number of flows with no congestion.
Total Flows with Congestion Level low	Total number of flows with low congestion.

Field	Description
Total Flows with Congestion Level medium	Total number of flows with medium congestion.
Total Flows with Congestion Level high	Total number of flows with high congestion.
Total Flows with Congestion Level extreme	Total number of flows with extreme congestion.

show active-charging readdress-server-list statistics all



Important This command is license dependent. For more information please contact your Cisco account representative.

Table 71: show active-charging readdress-server-list statistics all Command Output Descriptions

Field	Description
ACSMGR Instance	Total instances of ACS Manager.
Server List	The list name of the server.
Server	The IP address of the DNS server.
Port	The TCP port number used by the DNS server.
Total Requests	Total number of readdress requests to the DNS server.
Failed Requests	Total number of failed readdress requests to the DNS server.
Status	The status of the DNS server (Active/ Inactive)
Average RTT	Average Round Trip Time (RTT) for the response of the readdress requests sent to the server.

show active-charging rulebase name

Table 72: show active-charging rulebase name Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
Rule Base Name	Name of the rulebase.
Transactional-Rule-Matching	Specifies if transactional rule matching is enabled or disabled.

Field	Description
Charging Action Priorities	
Name	Name of the charging ruledef / group-of-ruledefs.
Type	The ruledef / group-of-ruledefs type. • RD: Dynamic ruledef • RS: Static ruledef • RSD: Static and dynamic ruledef • GD: Dynamic group-of-ruledefs • GS: Static group-of-ruledefs • GSD: Static and dynamic group-of-ruledefs
Priority	Priority of the ruledef / group-of-ruledefs in the rulebase.
Charging-action	The charging action configured with the ruledef / group-of-ruledefs.
Timedef	The time definition configured with the ruledef / group-of-ruledefs.
Description	Description of the charging ruledef / group-of-ruledefs configuration.
Post-processing Action Priorities	
Name	Name of the Post-processing ruledef.
Type	The Post-processing ruledef type.
Priority	Priority of the Post-processing ruledef in the rulebase.
Charging-action	The charging action configured.
Description	Description of the Post-processing ruledef configuration.
Routing Action Priorities	
Ruledef Name	Name of the routing action ruledef.
Priority	Priority of the routing action ruledef in the rulebase.
Analyzer	Name of the applicable analyzer to routing action ruledef.
Description	Description of the routing ruledef configuration.
Firewall Action Priorities	
Ruledef Name	Name of the Stateful Firewall ruledef.

Field	Description
Type	Indicates the Stateful Firewall ruledef type. • FD: Firewall Dynamic Ruledef—Predefined and disabled Stateful Firewall rules that can be enabled/disabled by the policy server. • FS: Firewall Static Ruledef—Predefined and enabled Stateful Firewall rules that cannot be modified by the policy server. • FSDP: Firewall Static & Dynamic Ruledef—Predefined and enabled Stateful Firewall rules that can be disabled/enabled by the policy server.
Priority	Priority of the Stateful Firewall ruledef in the rulebase.
Charging-action	The charging action configured.
Port-trigger aux-ports:direction	The auxiliary ports open for traffic, and the direction from which the auxiliary connection is initiated.
EGCDR Fields	
Tariff Time thresholds (min:hrs)	Threshold for tariff in minutes and hours.
Internal Threshold	Internal threshold to generate eG-CDRs in seconds.
Uplink Octets	Total number of octets uplinked.
Downlink Octets	Total number of octets downlinked.
Total Octets	Total number of octets uplinked and downlinked.
Time Based Metering	Status of time based metering.
Content Filtering Group	Status of Content Filtering Server Group support for offline content filtering server (ICAP) support.
Content Filtering Flow Any Error	Indicates whether Content Filtering packets are allowed/discarded in case of ACS error scenarios. This field is displayed only if either the Content Filtering mode or, ICAP server-group is configured.
Content Filtering Policy	The Content Filtering policy.
Content Filtering Mode	Indicates the Content Filtering mode. • Static • Static-and-dynamic
In releases prior to StarOS 21.26: URL-Blacklisting Action From StarOS 21.26 and later releases: URL-Blockedlisting Action	Indicates action to be taken on URL Blockedlisting match.

Field	Description
Tethering Detection	Indicates whether tethering detection is enabled or disabled.
OS-based Detection	Indicates if detection is enabled or disabled for IPv4 and IPv6 OS databases.
UA-based Detection	Indicates if UA based detection is enabled or disabled.
Tethering Detection (ip-ttl)	Indicates if IP-TTL based tethering detection is enabled or disabled.
DNS Based Detection	Indicates if DNS-based tethering detection is enabled or disabled.
Ip-ttl Values	Displays TTL values (space separated) configured for detecting tethered flows.
Max SYN detection in a flow	Displays the maximum number of SYN packets detected in a flow.
UDR Fields	
Tariff Time thresholds (min:hrs)	Threshold for tariff, in minutes and hours.
Interval Threshold	Interval threshold to generate UDRs, in seconds.
Uplink Octets	Total number of octets uplinked.
Downlink Octets	Total number of octets downlinked.
First Hit Content-Id Trigger	Indicates whether the First Hit Content ID trigger is enabled or disabled. This is a customer-specific field and is only available in 8.3 and later releases.
Tariff time trigger	Indicates whether the Tariff Time trigger is enabled or disabled. If enabled, this field displays the configured tariff time value.
NEMO Prefix Update Trigger	Indicates whether the NEMO Prefix Update trigger is enabled or disabled. **Important** This field will be available only when the NEMO license is configured.
Total Octets	Total number of octets uplinked and downlinked.
CCA Fields	Information regarding Credit Control Application for prepaid charging.
RADIUS charging context	Name of the RADIUS charging context.
RADIUS Charging Group	Name of RADIUS charging server group.
RADIUS interim interval	Interim interval for RADIUS charging generation.
DIAMETER Requested Service Unit	Information regarding requested service unit for prepaid charging through Diameter.
Uplink Octets	Total number of octets uplinked in Diameter charging.
Downlink Octets	Total number of octets downlinked in Diameter charging.
Total Octets	Total number of octets uplinked and downlinked in Diameter charging.

Field	Description
Quota Retry Time	Duration set to retry for prepaid credit limit.
Quota Holding Time (QHT)	Status of quota holding time configuration.
Quota Time Duration Algorithms	Applicable algorithm for quota time duration.
Flow End Condition	Status of flow end condition configuration.
Handoff	Indicates whether EDRs are generated for handoffs.
Timeout	Indicates whether EDRs are generated for timeouts.
Normal-end-signaling	Indicates whether EDRs are generated for normal end signaling.
Session-end	Indicates whether EDRs are generated for session ends.
Hagr	Indicates whether EDRs are generated for HAGR.
Content-Filtering	Indicates whether EDRs are generated for Content Filtering.
edr-format	Name of the EDR format.
Flow Any Error Charging Action	Indicates the charging action configured for accounting action on packets dropped by Firewall due to any error. If disabled, no accounting is performed on such packets.
Billing Records	Status of billing record generation.
Limit For Total Flows	Status of flow limit setting across all applications.
Limit For TCP Flows	Status of TCP flow limit setting.
Limit For Non-TCP Flows	Status of non-TCP flow limit setting.
Charging Rule Optimization	Type of optimization rule setting for charging.
Firewall Configuration	
Dos-Protection	
Source-Route	Indicates status of protection against IP Source Route IP Option attacks.
Win-Nuke	Indicates status of protection against Win Nuke attacks.
Mime-Flood	Indicates status of protection against MIME Flood attacks.
FTP-Bounce	Indicates status of protection against FTP Bounce attacks.
IP-Unaligned-Timestamp	Indicates status of protection against IP Unaligned Timestamp attacks.
Seq-Number-Prediction	Indicates status of protection against Sequence Number Prediction attacks.
TCP-Window-Containment	Indicates status of protection against TCP Window Containment.
Teardrop	Indicates status of protection against Teardrop attacks.

Field	Description
UDP Flooding	Indicates status of protection against UDP Flooding attacks.
ICMP Flooding	Indicates status of protection against ICMP Flooding attacks.
SYN Flooding	Indicates status of protection against SYN Flooding attacks.
Port Scan	Indicates status of protection against Port Scan attacks.
Max-Packet-Size	
ICMP	For ICMP protocol, the maximum IP packet size (after IP reassembly) allowed over Stateful Firewall.
Non-ICMP	For non-ICMP protocol, the maximum IP packet size (after IP reassembly) allowed over Stateful Firewall.
Flooding	
ICMP limit	The maximum number of ICMP packets allowed during a sampling interval.
UDP limit	The maximum number of UDP packets allowed during a sampling interval.
TCP-SYN limit	The maximum number of TCP-SYN packets allowed during a sampling interval.
Sampling Interval	The flooding sampling interval, in seconds.
TCP-SYN Flood Intercept	
Mode	The TCP SYN flood intercept mode. • none • intercept • watch
Max-Attempts	The maximum number of attempts for sending proxy SYN to the target.
Retrans-timeout	The SYN-Proxy retransmit timeout, in seconds.
Watch-timeout	The TCP intercept watch timeout, in seconds.
Mime-Flood Params	
HTTP Header-Limit	The maximum number of headers allowed in an HTTP packet.
HTTP Max-Header-Field-Size	The maximum header field size allowed in an HTTP header, in bytes.
No Firewall Ruledef Match Action	
Uplink Action	Action configured for uplink packets with no Stateful Firewall ruledef matches.
Uplink Charging-Action	Charging action configured for uplink packets with no Stateful Firewall ruledef matches.

Field	Description
Downlink Action	Action configured for downlink packets with no Stateful Firewall ruledef matches.
Downlink Charging-Action	Charging action configured for downlink packets with no Stateful Firewall ruledef matches.
ICMP Dest-Unreachable Threshold	Indicates whether a threshold limit is set on the number of ICMP error messages sent by the subscriber for a particular data flow.
ICMP Dest-Unreachable Threshold Value	The threshold value set for the number of ICMP error messages sent by the subscriber for a particular data flow.
QoS Renegotiation Timeout	The timeout setting for the Quality of Service (QoS) Renegotiation feature.
EDR Suppress zero byte records	Indicates whether EDR suppression of zero byte records is enabled.
EDR Timestamp Rounding	Type of timestamp rounding set for Event Detail Records.
EGCDR Timestamp Rounding	Type of timestamp rounding set for eG-CDRs.
RTP Dynamic Routing	Status of RTP dynamic routing configuration.
Ignore port no. in application headers	Status of ignoring port numbers in application headers.
Delayed Charging	Status of charging configuration to exclude initial handshaking TCP packets from charging.
IP Reassembly-Timeout	IP reassembly timeout period in milliseconds.
IP Reset ToS field	Status of IP Reset ToS field.
TCP Out-of-Order-Timeout	TCP out-of-order timeout period in milliseconds.
TCP 2MSL Timeout	TCP 2MSL timeout period in seconds.
Port Reuse	Indicates whether the Port Reuse feature is enabled or disabled.
WTP Out-of-Order-Timeout	WTP out-of-order timeout period in milliseconds.
TCP transmit-out-of-order-packets	Status of transmitting TCP out-of-order packets.
Verify TCP checksum	Status of verifying TCP checksum errors.
Verify UDP checksum	Status of verifying UDP checksum errors.
P2P Dynamic Routing	Status of P2P dynamic routing.
Total rulebase(s) found	Total number of rulebases matching the criteria.
CAE-Readdressing	Indicates whether CAE re-addressing on the Mobile Video Gateway is enabled or disabled. **Important** In release 20.0, MVG is not supported. For more information, contact your Cisco account representative.

Field	Description
Override Control	Indicates whether the Override Control feature is enabled or disabled.
Percentage Rate Reduction	If enabled, indicates the configured bit rate reduction for mobile video as a percentage of the input bit rate. **Important** In release 20.0, MVG is not supported. For more information, contact your Cisco account representative.
HTTP header-parse-limit	For a customer-specific feature, this field indictaes the HTTP header parse limit, in bytes. On exceeding this limit the flow is marked as permanent failure and is matched and charged against **http error = TRUE** ruledef. If the feature is disabled, shows "disabled".
TFT updates to UE for default bearer UIDH Insertion	Indicate if the selective TFT suppression feature is enabled or disabled for the default bearer. Specifies if UIDH Insertion is enabled or disabled.
Server-name	Specifies the UIDH server name.
URL Whitelist	

show active-charging rulebase statistics

Table 73: show active-charging rulebase statistics Command Output Descriptions

Field	Description
Service Name	Name of the ACS service.
Rulebase Name	Name of the rulebase.
Uplink Pkts	Total number of packets uplinked.
Uplink Bytes	Total number of bytes uplinked.
Downlink Pkts	Total number of packets downlinked.
Downlink Bytes	Total number of bytes downlinked.
Readdressed Upl Pkts	Total number of readdressed uplinked packets.
Readdressed Upl Bytes	Total number of readdressed uplinked bytes.
Readdressed Dnl Pkts	Total number of readdressed downlinked packets.
Readdressed Dnl Bytes	Total number of readdressed downlinked bytes.
TCP MSS Inserted Pkts	Total number of TCP Maximum Segment Size (MSS) inserted packets.

Field	Description
TCP MSS Limited Pkts	Total number of TCP MSS limited packets.
TCP 2msl port reuse	Total number of TCP connections reopened within 2msl timeframe.
ITC Terminated Flows	Total number of ITC terminated flows.
Total PP Dropped Packets	Total number of packets dropped.
Total PP Dropped Packet Bytes	Total number of bytes dropped.
R7Gx Rule-Matching Failure Stats:	
Total Dropped Packets	Total number of packets dropped by R7Gx due to rule matching failure, for the rulebase.
Total Dropped Packet Bytes	Total number of bytes dropped by R7Gx due to rule matching failure, for the rulebase.
TCP-proxy reset for non-SYN flows	Total number of resets sent by TCP Proxy for flows with no SYN packet after recovery.
EDRs	
Total EDRs generated	Total number of EDRs generated.
EDRs generated for handoff	Total number of EDRs generated for handoffs.
EDRs generated for timeout	Total number of EDRs generated for timeouts.
EDRs generated for normal-end-signaling	Total number of EDRs generated for normal end signaling.
EDRs generated for session end	Total number of EDRs generated for session ending.
EDRs generated for rule match	Total number of EDRs generated for rule matches.
EDRs generated for hagr	Total number of EDRs generated for HAGR.
EDRs generated for flow-end content-filtering	Total number of EDRs generated for flow-end Category-based Content Filtering.
In releases prior to StarOS 21.26: EDRs generated for flow-end url-blacklisting From StarOS 21.26 and later releases: EDRs generated for flow-end url-blockedlisting	Total number of EDRs generated for flow-end URL Blockedlisting.
EDRs generated for content-filtering	Total number of EDRs generated for Category-based Content Filtering.
EDRs generated for url-blacklisting	Total number of EDRs generated for URL Blacklisting.
EDRs generated for any-error packets	Total number of EDRs generated for any-error packets.

Field	Description
EDRs generated for firewall deny rule match	Total number of EDRs generated for firewall deny rule match.
EDRs generated for transaction completion	Total number of EDRs generated for completion of transactions.
EDRs generated for voip call end	Total number of EDRs generated on completion of voice calls.
EDRs generated for audio-end Sessions	Total number of EDRs generated on completion of audio sessions.
EDRs generated for video-end Sessions	Total number of EDRs generated on completion of video sessions.
Total Flow-Overflow EDRs	Total number of Flow-Overflow EDRs.
UDRs	
Total UDRs generated	Total number of UDRs generated.
UDRs generated for handoff	Total number of UDRs generated for handoffs.
UDRs generated for time limit	Total number of UDRs generated for time limits.
UDRs generated for volume limit	Total number of UDRs generated for volume limits.
UDRs generated for call end	Total number of UDRs generated for call endings.
UDRs generated for hagr	Total number of UDRs generated for HAGR.
UDRs generated for first-hit per content-id	Total number of UDRs generated for first hit content-Id trigger.
UDRs generated for CCRU response	Total number of UDRs generated for CCR-U response.
UDRs generated for offline charging	Total number of UDRs generated when offline charging trigger is received from DCCA.
UDRs generated for tariff time	Total number of UDRs generated when tariff time trigger is received.
UDRs generated for NEMO prefix update	Total number of UDRs generated for NEMO update event. **Important** This field is customer specific, and is available only with NEMO license.
GCDRs	
Total EGCDRs generated	Total number of eG-CDRs generated.
GCDRs for Normal Release	Total number of G-CDRs generated for normal releases.
GCDRs for Abnormal Release	Total number of G-CDRs generated for abnormal releases.
GCDRs for Volume Limit	Total number of G-CDRs generated for volume limits.
GCDRs for Time Limit	Total number of G-CDRs generated for time limits.
GCDRs for SGSN Change	Total number of G-CDRs generated for SGSN change.

Field	Description
GCDRs for Max Change Cond	Total number of G-CDRs generated for maximum change condition.
GCDRs for Mgmt Intervention	Total number of G-CDRs generated for management interventions.
GCDRs for RAT Change	Total number of G-CDRs generated for RAT changes.
GCDRs for MS Timezone Change	Total number of G-CDRs generated for MS timezone changes.
GCDRs for SGSN PLMN ID Change	Total number of G-CDRs generated for SGSN PLMN ID changes.
PGWCDRs for Normal Release	Total number of PGW-CDRs generated for normal releases.
PGWCDRs for Abnormal Release	Total number of PGW-CDRs generated for abnormal releases.
PGWCDRs for Volume Limit	Total number of PGW-CDRs generated for volume limits.
PGWCDRs for Time Limit	Total number of PGW-CDRs generated for time limits.
PGWCDRs for ServingNode Change	Total number of PGW-CDRs generated for Serving Node change.
PGWCDRs for Max Change Cond	Total number of PGW-CDRs generated for maximum change condition.
PGWCDRs for Mgmt Intervention	Total number of PGW-CDRs generated for management interventions.
PGWCDRs for RAT Change	Total number of PGW-CDRs generated for RAT changes.
PGWCDRs for MS Timezone Change	Total number of PGW-CDRs generated for MS timezone changes.
PGWCDRs for SGSN PLMN ID Change	Total number of PGW-CDRs generated for SGSN PLMN ID changes.
NBRs	NAT Binding Record (NBR) statistics. These fields are displayed, only if configured, in 8.3 and later releases.
Total NBRs generated	Total number of NBRs generated.
NBRs generated for port chunk allocation	Total number of NBRs generated for port chunk allocation.
NBRs generated for port chunk release	Total number of NBRs generated for port chunk release.
CAE-Readdressing:	
Requests CAE-Readdressed	Total number of request readdressing done.
Responses CAE-Readdressed	Total number of response readdressing done.
Requests having xheader inserted	Total number of HTTP requests with x-headers inserted.
Total CAE-Readdressed Uplink Bytes	Total number of uplink bytes readdressed.
Total CAE-Readdressed Uplink Packets	Total number of uplink packets readdressed.
Total CAE-Readdressed Downlink Bytes	Total number of downlink bytes readdressed.
Total CAE-Readdressed Downlink Packets	Total number of downlink packets readdressed.

Field	Description
Total Charging action hit - Req. Readdr.	Total number of charging action hits based on HTTP request.
Total Charging action hit - Resp. Readdr	Total number of charging action hits based on HTTP response.
Proxy Disable Success	Total number of flows with proxy disabled.
Flows connected to CAE	Total number of flows connected to the CAE.
CAE Readdressing Error Conditions	
Total connect failed to CAE	Total number of connections failed to the CAE.
Req. Readdr. - pipelined case	Total number of pipelined requests skipped from doing readdressing.
Resp. Readdr. - pipelined case	Total number of pipelined response skipped from doing readdressing.
Req. Readdr. - Socket Mig. failed	Total number of TCP socket migration failure during request readdressing.
Skipped Resp. Readdr. - partial resp hdr	Total number of response readdressing skipped due to partial response.
Resp. Readdr. - Socket Mig. failed	Total number of TCP socket migration failure during response readdressing.
Total CAE load balancer failed	Total number of load balancer failures to find the video server (CAE) for readdressing.
Total MVG xheader insertion failed	Total number of MVG x-header insertion failures. **Important** In release 20.0, MVG is not supported. For more information, contact your Cisco account representative.
Proxy Disable Failed	Total number of times the proxy disable function failed.
Tethering Detection	
TAC ID lookups	Total number of TAC ID lookups.
TAC ID matches	Total number of TAC IDs matched.
OS signatures lookups	Total number of OS signatures lookups.
OS signatures matches	Total number of OS signatures matched.
IPv6 OS signatures lookups	Total number of IPv6 OS signatures lookups.
IPv6 OS signatures matches	Total number of IPv6 OS signatures matched.
UA signatures lookups	Total number of UA signatures lookups.
UA signatures matches	Total number of UA signatures matched.
Total flows scanned	Total number of flows scanned.
Tethered flows detected	Total number of tethered flows detected.

Field	Description
Non-tethered flows detected	Total number of non-tethered flows detected.
TRM Statistics:	
Bypassed rule-matching	Total number of requests that bypassed rule matching, using the cached rule match instead.
Rule-matching bypass triggered	Total number of times a flow or transaction was put into bypass state, bypassing additional rule matching.
Failed to create dynamic flow element	Total number of times a flow or transaction failed to go into bypass state due to a shortage of memory control blocks for a dynamic rule list element.
Flow cleared, rule not found	Total number of times TRM was cleared from a flow or transaction due to the cached rule no longer being available (i.e. deleted from config).
Flow cleared, rule stats not found	Total number of times TRM was cleared from a flow or transaction due to the cached rule's statistics no longer being available (i.e. deleted from config).
Flow cleared, group not found	Total number of times TRM was cleared from a flow or transaction due to the group no longer being available (i.e. deleted from config).
Flow cleared, group rule error	Total number of times TRM was cleared from a flow or transaction due to the group's rule no longer matching the cached rule (i.e. config change).
Flow cleared, rule error	Total number of times TRM was cleared from a flow or transaction due to the rule ID in the rule control block no longer matching the cached rule ID (i.e. config change).
Flow cleared, rule expired	Total number of times TRM was cleared from a flow or transaction due to the expiry of a dynamic rule's time.
Flow cleared, pkts not forwarded	Total number of times TRM was cleared from a flow or transaction due to the packet not being forwarded for some reason (i.e. user QoS or out of quota).
Flow cleared, pkts buffered	Number of times TRM was cleared from a flow or transaction due to the packet being buffered for later transmit (i.e. quota redirect).
Flow cleared, SEF event	Total number of times TRM was cleared from a flow or transaction due to a user modification event (i.e. QoS change, policy change, etc).
Flow cleared, egcdr bucket idle time out	Total number of times TRM was cleared from a flow or transaction due to service idle timeout expiry of eG-CDR bucket.
FastPath Eligible Flows	Number of data flows which were fastpath eligible for this rulebase.
FastPath Packets	Number of data packets processed in fastpath for this rulebase.
FastPath Failures	Number of fastpath packet errors encountered for this rulebase.
Override Control Install Statistics:	
Total number of Overrides Received	Total number of overrides received for the specified rulebase.

Field	Description
Total number of Overrides Succeeded	Total number of overrides succeeded for the specified rulebase.
Total number of Overrides Failed	Total number of overrides failed for the specified rulebase.
Total number of Subscribers	Total number of subscribers with override control in the specified rulebase.
Disable Override Control Statistics:	
Total number of Disables Received	Total number of disable overrides received for the specified rulebase.
Total number of Disables Succeeded	Total number of disable overrides succeeded for the specified rulebase.
Total number of Disables Failed	Total number of disable overrides failed for the specified rulebase.

show active-charging rulebase statistics name

Table 74: show active-charging rulebase statistics name Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
Rulebase Name	Name of the rulebase.
Uplink Pkts	Total number of packets uplinked.
Uplink Bytes	Total number of bytes uplinked.
Downlink Pkts	Total number of packets downlinked.
Downlink Bytes	Total number of bytes downlinked.
Readdressed Upl Pkts	Total number of readdressed uplink packets.
Readdressed Upl Bytes	Total number of readdressed uplink bytes.
Readdressed Dnl Pkts	Total number of readdressed downlink packets.
Readdressed Dnl Bytes	Total number of readdressed downlink bytes.
Total Readdressing Failures	Total number of packets with readdressing failures.
Non Syn Flow	Total number of readdressing packets with a non SYN flow failure.
Duplicate Key	Total number of readdressing packets with a duplicate key failure.
Dropped Pkts	Total number of packets discarded on readdressing failure.
TCP MSS Inserted Pkts	Total number of Maximum Segment Size (MSS) inserted packets.
TCP MSS Limited Pkts	Total number of MSS limited packets.

Field	Description
TCP MSS Limited Pkts	Total number of MSS limited packets.
TCP 2msl port reuse	Total number of TCP connections reopened within 2msl timeframe.
Total PP Dropped Packets	Total number of packets dropped.
Total PP Dropped Packet Bytes	Total number of bytes dropped.
One Time Hit PCC Rule Matched	Total number of matches for one time hit PCC rules.
R7Gx Rule-Matching Failure Stats:	
Total Dropped Packets	Total number of packets dropped by R7Gx due to rule matching failure, for the rulebase.
Total Dropped Packet Bytes	Total number of bytes dropped by R7Gx due to rule matching failure, for the rulebase.
P2P random drop stats:	
Total Dropped Packets	Total number of packets dropped due to random drop to degrade voice quality.
Total Dropped Packet Bytes	Total number of bytes dropped due to random drop to degrade voice quality.
Predefined Rule Retention Statistics:	
Total number of Predefined Retention Succeeded	Total number of predefined retention succeeded.
Total number of Predefined Retention Failed	Total number of predefined retention failed.
Predefined Rule Installation Statistics:	
Total Number of Installation Received	Total number of predefined installation received.
Total Number of Installation Succeeded	Total number of predefined installation succeeded.
Total Number of Installation Failed	Total number of predefined installation failed.
Predefined Rule Removal Statistics:	
Total Number of Removal Received	Total number of predefined removal received.
Total Number of Removal Succeeded	Total number of predefined removal succeeded.
Total Number of Removal Failed	Total number of predefined removal failed.
Charging EDRs:	
Total Charging EDRs generated	Total number of EDRs generated.
EDRs generated for handoff	Total number of EDRs generated for handoffs.
EDRs generated for timeout	Total number of EDRs generated for timeouts.

Field	Description
EDRs generated for normal-end-signaling	Total number of EDRs generated for normal end signaling.
EDRs generated for session end	Total number of EDRs generated for session ends.
EDRs generated for rule match	Total number of EDRs generated for rule matches.
EDRs generated for hagr	Total number of EDRs generated for HAGR.
EDRs generated for flow-end content-filtering	Total number of EDRs generated for flow-end content filtering.
EDRs generated for content-filtering	Total number of EDRs generated for content filtering.
EDRs generated for any-error packets	Total number of EDRs generated for packets dropped by Firewall due to any error.
EDRs generated for firewall deny rule match	Total number of EDRs generated for firewall deny rule matches.
EDRs generated for voip call end	Total number of EDRs generated on completion of voice calls.
EDRs generated for dcca failure handling	Total number of EDRs generated for DCCA failure handling.
EDRs generated for audio-end Sessions	Total number of EDRs generated on completion of audio sessions.
EDRs generated for video-end Sessions	Total number of EDRs generated on completion of video sessions.
EDRs generated for tethering signature change	Total number of EDRs generated for tethering signature change.
Reporting EDRs:	
Total Reporting EDRs generated	Total number of REDRs generated.
REDRs generated for handoff	Total number of REDRs generated for handoffs.
REDRs generated for timeout	Total number of REDRs generated for timeouts.
REDRs generated for normal-end-signaling	Total number of REDRs generated for normal end signaling.
REDRs generated for session end	Total number of REDRs generated for session ends.
REDRs generated for rule match	Total number of REDRs generated for rule matches.
REDRs generated for hagr	Total number of REDRs generated for HAGR.
REDRs generated for flow-end content-filtering	Total number of REDRs generated for flow-end content filtering.

Field	Description
In releases prior to StarOS 21.26: REDRs generated for flow-end url-blacklisting From StarOS 21.26 and later releases: REDRs generated for flow-end url-blockedlisting	Total number of REDRs generated for flow-end url-blockedlisting .
EDRs generated for content-filtering	Total number of REDRs generated for content filtering.
In releases prior to StarOS 21.26: REDRs generated for url-blacklisting From StarOS 21.26 and later releases: REDRs generated for url-blockedlisting	Total number of REDRs generated for url-blockedlisting.
REDRs generated for any-error packets	Total number of REDRs generated for packets dropped by Firewall due to any error.
REDRs generated for firewall deny rule match	Total number of REDRs generated for firewall deny rule matches.
REDRs generated for transaction completion	Total number of REDRs generated for transaction completion.
REDRs generated for voip call end	Total number of REDRs generated on completion of voice calls.
REDRs generated for tethering signature change	Total number of REDRs generated for tethering signature change.
UDRs:	
Total UDRs generated	Total number of UDRs generated.
UDRs generated for handoff	Total number of UDRs generated for handoffs.
UDRs generated for time limit	Total number of UDRs generated for time limits.
UDRs generated for volume limit	Total number of UDRs generated for volume limits.
UDRs generated for call end	Total number of UDRs generated for call ends.
UDRs generated for hagr	Total number of UDRs generated for HAGR.
GCDRs:	
Total EGCDRs generated	Total number of eG-CDRs generated.
GCDRs for Normal Release	Total number of G-CDRs generated for normal releases.
GCDRs for Abnormal Release	Total number of G-CDRs generated for abnormal releases.

Field	Description
GCDRs for Volume Limit	Total number of G-CDRs generated for volume limits.
GCDRs for Time Limit	Total number of G-CDRs generated for time limits.
GCDRs for SGSN Change	Total number of G-CDRs generated for SGSN changes.
GCDRs for Max Change Cond	Total number of G-CDRs generated for maximum change condition.
GCDRs for Mgmt Intervention	Total number of G-CDRs generated for management interventions.
GCDRs for RAT Change	Total number of G-CDRs generated for RAT changes.
GCDRs for MS Timezone Change	Total number of G-CDRs generated for MS timezone changes.
GCDRs for SGSN PLMN ID Change	Total number of G-CDRs generated for SGSN PLMN ID changes.
Total rulebases matched	Total number of rulebases that matched the specified criteria.
Tethering Detection stats:	
TAC ID lookups	Total number of TAC ID lookups.
TAC ID matches	Total number of TAC ID matches.
OS signature lookups	Total number of OS signature lookups.
OS signature matches	Total number of OS signature matches.
UA signature lookups	Total number of UA signature lookups.
UA signature matches	Total number of UA signature matches.
Total flows scanned	Total number of flows scanned for tethering detection.
Tethered flows detected	Total number of tethered flows detected.
Tethered Uplink Packets	Total number of uplink packets for tethered flows.
Tethered Downlink Packets	Total number of downlink packets for tethered flows.
Tethering Detection Statistics (ip-ttl)	
Total flows scanned	Total number of flows scanned.
Tethered flows detected	Total number of tethered flows detected.
Tethered uplink packets	Total number of uplink packets for tethered flows.
Tethered downlink packets	Total number of downlink packets for tethered flows.
Change Statistics for Multiple SYN in Flow:	
Tethered to Non-Tethered	This counter is updated when previous SYN has tethered signature and new SYN has non-tethered signature.

Field	Description
Non-Tethered to Tethered	This counter is updated when previous SYN has non-tethered signature and new SYN has tethered signature.
Tethered to Tethered	This counter is updated when previous SYN has tethered signature and new SYN also has tethered signature.
Non-Tethered to Non-Tethered	This counter is updated when previous SYN has non-tethered signature and new SYN also has non-tethered signature.
Header Enrichment stats:	
HTTP header buffering limit reached	Total number of times the HTTP header buffering fails due to the maximum buffering limit reached. On a header buffering failure, the buffered packets are flushed and sent out without modification, and rule matching is performed on the last packet where the header finished.
Enterprise-ID received over Gx	Indicates the Enterprise ID of a user that PCRF sends in a custom-AVP over the Gx interface.
TRM Statistics:	
Bypassed rule-matching	Total number of requests that bypassed rule matching, using the cached rule match instead.
Rule-matching bypass triggered	Total number of times a flow or transaction was put into bypass state, bypassing additional rule matching.
Failed to create dynamic flow element	Total number of times a flow or transaction failed to go into bypass state due to a shortage of memory control blocks for a dynamic rule list element.
Flow cleared, rule not found	Total number of times TRM was cleared from a flow or transaction due to the cached rule no longer being available (i.e. deleted from config).
Flow cleared, rule stats not found	Total number of times TRM was cleared from a flow or transaction due to the cached rule's statistics no longer being available (i.e. deleted from config).
Flow cleared, group not found	Total number of times TRM was cleared from a flow or transaction due to the group no longer being available (i.e. deleted from config).
Flow cleared, group rule error	Total number of times TRM was cleared from a flow or transaction due to the group's rule no longer matching the cached rule (i.e. config change).
Flow cleared, rule error	Total number of times TRM was cleared from a flow or transaction due to the rule ID in the rule control block no longer matching the cached rule ID (i.e. config change).
Flow cleared, rule expired	Total number of times TRM was cleared from a flow or transaction due to the expiry of a dynamic rule's time.
Flow cleared, pkts not forwarded	Total number of times TRM was cleared from a flow or transaction due to the packet not being forwarded for some reason (i.e. user QoS or out of quota).

Field	Description
Flow cleared, pkts buffered	Number of times TRM was cleared from a flow or transaction due to the packet being buffered for later transmit (i.e. quota redirect).
Flow cleared, SEF event	Total number of times TRM was cleared from a flow or transaction due to a user modification event (i.e. QoS change, policy change, etc).
FastPath Eligible Flows	Number of data flows which were fastpath eligible for this rulebase.
FastPath Packets	Number of data packets processed in fastpath for this rulebase.
FastPath Failures	Number of fastpath packet errors encountered for this rulebase.
URL-Readdressing:	
Requests URL-Readdressed	Total number of URL-readdressed requests.
Total Charging action hit - Req. Readdr.	Total number of charging action hits based on request readdressing.
Proxy Disable Success	Total number of flows with proxy disabled.
Flows connected to URL Server	Total number of flows connected to URL server.
URL Readdressing Error Conditions:	
Total connect failed to URL Server	Total number of failed connections to the URL server.
URL Readdress - pipelined case	Total number of pipelined requests skipped during URL readdressing.
URL Readdress - Socket Mig. failed	Total number of TCP socket migration failure during URL readdressing.
Proxy Disable Failed	Total number of times the proxy disable function failed.
Dynamic Rule Statistics	
Rule Installation Statistics	
Total number of Installation Received	The number of dynamic rules received for installation from PCRF
Total number of Installation Succeeded	The number of dynamic rules installed successfully
Total number of Installation Failed	The number of dynamic rule installations failed
Rule Installation Failure Statistics:	
Unknown Rule Name Error	The number of dynamic rule installations failed because the rule name was not specified
Rating Group Error	The number of dynamic rule installations failed because rating group was invalid/missing.
Service ID Error	The number of dynamic rule installations failed because the service ID was invalid/missing.
Trigger Policy Failure	The number of dynamic rule installations failed because of internal policy failure

Field	Description
Resources Limitation	The number of dynamic rule installations failed because of the limitation of resources
Maximum Number Of Bearer Reached	The number of dynamic rule installations failed because the maximum limit of bearer is reached
Flow Information Missing	The number of dynamic rule installations failed because the flow information is missing
Resource Allocation Failure	The number of dynamic rule installations failed because the resource allocation failed.
QOS Validation Error	The number of dynamic rule installations failed because the QoS validation failed.
Incorrect Flow Information	Number of dynamic rule installations failed because the flow information is incorrect.
Adc Rule - Redirect Server Address Missing	Number of dynamic rule installations failed because the redirect address is missing in an ADC rule.
Adc Rule - TDF App ID Error	Number of dynamic rule installations failed because the TDF Application ID is invalid/missing.
Rule Modification Statistics:	
Total number of Modification Received	Number of dynamic rule modifications received.
Total number of Modification Succeeded	Number of dynamic rule modifications succeeded.
Total number of Modification Failed	Number of dynamic rule modifications failed
Rule Modification Failure Statistics:	
Rating Group Error	Number of dynamic rule modifications failed because the rating group is invalid/missing
Service ID Error	Number of dynamic rule modifications failed because the service ID is invalid/missing.
Trigger Policy Failure	Number of dynamic rule modifications failed because of the internal policy failure
Resources Limitation	Number of dynamic rule modifications failed because of the limitation of resources.
Maximum Number Of Bearer Reached	Number of dynamic rule modifications failed because the maximum limit of bearer is reached.
Resource Allocation Failure	Number of dynamic rule modifications failed because of allocation of resources failed.
QOS Validation Error	Number of dynamic rule modifications failed because the QoS validation failed.
Incorrect Flow Information	Number of dynamic rule modifications failed because the flow information is incorrect.

Field	Description
Adc Rule - Redirect Server Address Missing	Number of dynamic rule modifications failed because the redirect address is missing in an ADC rule.
Adc Rule - TDF App ID Error	Number of dynamic rule modifications failed because the TDF application ID is invalid/missing in an ADC rule.
Common Rule Statistics	
Total Number Of Common Rules Received	Number of dynamic rules received in installation/modification.
Total Number Of Common Failures	Number of dynamic rules failed in installation/modification.
Unknown Bearer ID Error	Number of dynamic rules failed during installation/modification because the bearer ID is not known
Resource Allocation Failure	Number of dynamic rules failed during installation/modification because the resource allocation failed
Already Installed Rule removal	
Total Number Of Intended Removals	Number of dynamic rules intentionally failed due to some internal event.
PS to CS Handover	Number of dynamic rules intentionally failed due to PS to CS handover.
Resource Allocation Failure	Number of dynamic rules intentionally failed due to resource allocation failure.
Rule Removal Statistics	
Total Number Of Removal Received	Number of dynamic rule removals received.
Total Number Of Removal Succeeded	Number of dynamic rules removed successfully.
Total Number Of Removal Failed	Number of dynamic rule removals failed.
Rule Removal Failure Statistics:	
BCM Mode Mismatch	Number of dynamic rule removals failed because the BCM mode has changed
Condition Action Statistics:	
Out of Credit allow actions received	Total number of times the "out of credit allow" actions have been received.
Action applied to packets	Total number of packets to which the "out of credit allow" actions are applied.
Action applied to bytes	Total number of bytes to which the "out of credit allow" actions are applied.
Current Opt-In Subscribers	Indicates the current Opt-In subscribers.
Total UIDH Request	Indicates the total number of UIDH requests.
Initial	Specifies the total number of initial UIDH requests transmitted
Refresh	Specifies the total number of UIDH Refresh Requests transmitted.
Total UIDH OptIn Response	Indicates the total number of UIDH Opt-In response.

Field	Description
Initial	Specifies the total of UIDH OPT-In (subscribers that have opted for UIDH service) response for the Initial Requests.
Refresh	Specifies the total of UIDH OPT-In (subscribers that have opted for UIDH service) response for Refresh Requests.
Total UIDH OptOut Response	Indicates the total number of Opt-out response.
Initial	Specifies the total of UIDH OPT-Out (subscribers that have opted out from the UIDH service) response received for Initial Requests.
Refresh	Specifies the total of UIDH OPT-Out (subscribers that have opted out from the UIDH service) response received for Refresh Requests.
UIDH Failure	Indicates the UIDH Failure.
Request Timeout	Specifies the total number of UIDH Requests that have expired on reaching the timeout value.
Initial	Specifies the total number of initial UIDH Requests that have expired on reaching the timeout value.
Refresh	Specifies the total number of refresh UIDH requests that have expired on reaching the timeout value.
Error Response Code	Indicates the UIDH Failure with an error response code.
Initial	Specifies the total of Failure Code UIDH response received for Initial Requests.
Refresh	Specifies the total of Failure Code UIDH response received for Refresh Requests.
Invalid Length	
Initial	
Refresh	
Request Enqueue Failed	
Initial	
Refresh	
Total UIDH Insertions	Indicates the total number of UIDH insertions in a HTTP request.
UIDH Whitelist Statistics	
URL Host Lookups	Specifies the number of URL Host lookups
URL Host Lookup Failed	Specifes the number of URL Host lookups that resulted in failure.
URL Host Matches	Specifies the number of URL Hosts matched.
URL Host Lookup Bypass	Specifies the number of URL Host Lookups bypassed

Field	Description
VPP Offload Statistics:	
Total Flows	Total number of flows.
Current Active Flows	Total number of active current flows.
IPv4:	
Uplink Pkts	Total number of IPv4 packets uplinked.
Uplink Bytes	Total number of IPv4 bytes uplinked.
Downlink Pkts	Total number of IPv4 packets downlinked.
Downlink Bytes	Total number of IPv4 bytes downlinked.
Dropped Uplink Pkts	Total number of IPv4 uplink packets discarded.
Dropped Uplink Bytes	Total number of IPv4 uplink bytes discarded.
Dropped Downlink Pkts	Total number of IPv4 downlink packets discarded.
Dropped Downlink Bytes	Total number of IPv4 downlink bytes discarded.
IPv6:	
Uplink Pkts	Total number of IPv6 packets uplinked.
Uplink Bytes	Total number of IPv6 bytes uplinked.
Downlink Pkts	Total number of IPv6 packets downlinked.
Downlink Bytes	Total number of IPv6 bytes downlinked.
Dropped Uplink Pkts	Total number of IPv6 uplink packets discarded.
Dropped Uplink Bytes	Total number of IPv6 uplink bytes discarded.
Dropped Downlink Pkts	Total number of IPv6 downlink packets discarded.
Dropped Downlink Bytes	Total number of IPv6 downlink bytes discarded.

show active-charging ruledef firewall

Table 75: show active-charging ruledef firewall Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
Ruledef Name	Name of the ruledef.

Field	Description
tcp client-port	The TCP client port number.
tcp dst-port	The TCP destination port number.
tcp src-port	The TCP source port number.
tcp server-port	The TCP server port number.
udp client-port	The UDP client port number.
udp dst-port	The UDP destination port number.
udp src-port	The TCP source port number.
udp server-port	The UDP server port number.
ip any-match	Indicates whether the ruledef analyzes user traffic based on IP analyzed state—true/false.
Rule Application Type	The rule application type—firewall.
Create-log-record	Indicates whether logging is enabled or disabled.
Total ruledef(s) configured	Total number of Stateful Firewall ruledefs configured.

show active-charging ruledef statistics

Table 76: show active-charging ruledef statistics Command Output Descriptions

Field	Description
Total Charging Ruledefs	Total number of charging ruledefs configured.
Uplink Packets	Total number of packets received in uplink flow.
Uplink Bytes	Total number of bytes received in uplink flow.
Downlink Packets	Total number of packets received in downlink flow.
Downlink Bytes	Total number of bytes received in downlink flow.
Hits	Total number of events.
Match-Bypassed	Total number of packets bypassed on all ruledefs.
Total Post-processing Ruledefs	Total number of post-processing ruledefs configured.
Uplink Packets	Total number of packets received in uplink flow.
Uplink Bytes	Total number of bytes received in uplink flow.
Downlink Packets	Total number of packets received in downlink flow.

Field	Description
Downlink Bytes	Total number of bytes received in downlink flow.
Hits	Total number of events.
Total Firewall Ruledefs	Total number of Stateful Firewall ruledefs configured.
Uplink Packets	Total number of packets received in uplink flow.
Uplink Bytes	Total number of bytes received in uplink flow.
Downlink Packets	Total number of packets received in downlink flow.
Downlink Bytes	Total number of bytes received in downlink flow.
Uplink Packets Dropped	Total number of packets dropped in uplink flow.
Uplink Bytes Dropped	Total number of bytes dropped in uplink flow.
Downlink Packets Dropped	Total number of packets dropped in downlink flow.
Downlink Bytes Dropped	Total number of bytes dropped in downlink flow.
Hits	Total number of events.
Total TPO Ruledefs	**Important** The Traffic Performance Optimization (TPO) in-line service is not supported in this release.
Hits	**Important** The Traffic Performance Optimization (TPO) in-line service is not supported in this release.
Total Default Firewall Ruledefs	Total number of default Firewall ruledefs.
Uplink Packets	Total number of packets received in uplink flow.
Uplink Bytes	Total number of bytes received in uplink flow.
Downlink Packets	Total number of packets received in downlink flow.
Downlink Bytes	Total number of bytes received in downlink flow.
Uplink Packets Dropped	Total number of packets dropped in uplink flow.
Uplink Bytes Dropped	Total number of bytes dropped in uplink flow.
Downlink Packets Dropped	Total number of packets dropped in downlink flow.
Downlink Bytes Dropped	Total number of bytes dropped in downlink flow.
Hits	Total count of hits by default Firewall ruledefs.

show active-charging ruledef statistics all firewall wide

Table 77: show active-charging ruledef statistics all firewall wide Command Output Descriptions

Field	Description
Ruledef Name	Name of the Stateful Firewall ruledef.
Packets-Down	Total number of packets downlinked.
Bytes-Down	Total number of bytes downlinked.
Packets-Up	Total number of packets uplinked.
Bytes-Up	Total number of bytes uplinked.
Pkts-Drop-Dn	Total number of downlink packets dropped.
Bytes-Drop-Dn	Total number of downlink bytes dropped.
Pkts-Drop-Up	Total number of uplink packets dropped.
Bytes-Drop-Up	Total number of uplink bytes dropped.
Hits	Total number of events.
Match-Bypassed	Total number of packets bypassed on all ruledefs.
Total Ruledef(s)	Total number of ruledefs.
SFW Default Ruledefs:	
ALG Pinholes	Total number of packets which do not match SFW ruledefs configured in Firewall-and-NAT policy when NAT ALG is enabled in ECS but allowed to reach ISP or vice-versa.
Default Uplink	Total number of packets which do not match any SFW ruledefs configured but allowed to reach ISP from MS (uplink). This is due to the default SFW behavior.
Default Downlink	Total number of packets which do not match any SFW ruledefs configured but allowed to reach MS from ISP (downlink). This is due to the default SFW behavior.
Total Ruledef(s)	Total number of ruledefs per ACS sub-session.
Total Default SFW Ruledef(s)	Total number of default SFW ruledefs.

show active-charging ruledef statistics all charging

Table 78: show active-charging ruledef statistics all charging Command Output Descriptions

Field	Description
Ruledef Name	Name of the charging ruledef.
Packets-Down	Total number of packets downlinked.
Bytes-Down	Total number of bytes downlinked.
Packets-Up	Total number of packets uplinked.
Bytes-Up	Total number of bytes uplinked.
Hits	Total number of events.
Total Ruledef(s)	Total number of charging ruledefs.

show active-charging ruledef statistics all tpo

The Traffic Performance Optimization (TPO) in-line service is not supported in this release.

show active-charging ruledef tpo

The Traffic Performance Optimization (TPO) in-line service is not supported in this release.

show active-charging service all

Table 79: show active-charging service all Command Output Descriptions

Field	Description
Service name	Name of the Active Charging Service.
TCP Flow Idle Timeout	TCP flow idle timeout period, in seconds.
UDP Flow Idle Timeout	UDP flow idle timeout period, in seconds.
ICMP Flow Idle Timeout	ICMP flow idle timeout period, in seconds.
ALG Media Idle Timeout	The configured ALG media idle timeout value, in seconds.
TCP Flow-Mapping Idle Timeout	The configured TCP flow-mapping timeout value, in seconds.
UDP Flow-Mapping Idle Timeout	The configured UDP flow-mapping timeout value, in seconds.

Field	Description
Deep Packet Inspection	Indicates whether Deep Packet Inspection is enabled.
Passive Mode	Indicates whether Passive Mode is enabled.
CDR Flow Control	Indicates whether CDR Flow Control is enabled.
Content Filtering	Indicates whether Category-based Content Filtering is enabled.
Dynamic Content Filtering	Indicates whether Dynamic Content Filtering is enabled.
In releases prior to StarOS 21.26: URL-Blacklisting From StarOS 21.26 and later releases: URL-Blockedlisting	Indicates whether URL Blockedlisting is enabled.
In releases prior to StarOS 21.26: URL-Blacklisting Match-method From StarOS 21.26 and later releases: URL-Blockedlisting Match-method	Indicates the URL Blockedlisting method to look up URLs in the URL Blockedlisting database.
Content Filtering Match-method	Indicates the match method to look up URLs in the category-based content filtering database.
Interpretation of Charging-rule-base-name	Indicates how the Charging-Rule-Base-Name AVP from PCRF is interpreted, either as ACS rulebase or ACS group-of-ruledefs.
Selection of Charging-rule-base	If multiple Charging-Rule-Base-Name AVP are received from the PCRF, indicates which rulebase is selected and applied to the call, the first or the last rulebase.
optimize-update	Enables multiple policy optimization.
pra-change	Enables optimization policies for PRA changes.
Credit Control:	
Mode	Indicates the pre-paid charging application mode—Diameter or RADIUS.
APN-name-to-be-included	Indicates the APN name to be sent in CCA messages.
Trigger-Type	Indicates the credit control reauthorization trigger type.
Event-Trigger-Type	Indicates the configured credit control reauthorization event trigger type.
Failure-Handling	
Initial-Request	Indicates whether initial-request calls will be continued/terminated/retired in the event of a communication failure with the pre-paid server.
Update-Request	Indicates whether update-request calls will be continued/terminated/retired in the event of a communication failure with the pre-paid server.

Field	Description
Terminate-Request	Indicates whether terminate-request calls will be continued/terminated/retired in the event of a communication failure with the pre-paid server.
Server Unreachable Failure-Handling	
Initial-Request	Indicates whether initial-request calls will be continued/terminated when Diameter server(s)/OCS are unreachable.
Update-Request	Indicates whether update-request calls will be continued/terminated when Diameter server(s)/OCS are unreachable.
Diameter:	
Endpoint	Name of the Diameter endpoint.
Endpoint-Realm	Realm of the Diameter endpoint.
Dictionary	The Diameter dictionary used for Credit Control.
Session-Failover	Indicates whether Session Failover is supported.
Pending-Timeout	Indicates the pending timeout period, in seconds.
HDD	Indicates whether the Credit-Control group has been configured to store the failed CCR-Ts in the HDD.
Peer-Select:	
Peer	Name of the peer.
Realm	Indicates realm for the peer.
Secondary-Peer	Name of the secondary peer.
Realm	Indicates realm for the secondary peer.
IMSI-Based Start-Value	To select the Diameter peer based on the International Mobile Subscriber Identification (IMSI) number, specify the start of range in integer value of IMSI.
IMSI-Based End-Value	The end of range in integer value of IMSI.
MSISDN-Range-Mode	To select the Diameter peer based on Mobile Station International Subscriber Directory (MSISDN) number, specify the prefix or suffix mode.
MSISDN-Based Start-Value	To select the peer based on MSISDN value, specify the start of range in integer value of MSISDN.
MSISDN-Based End-Value	The end of range in integer value of MSISDN.
Quota	
Request-Trigger	Indicates the trigger action on packets on crossing the threshold limit of subscriber quota in the pre-paid credit control service.

Field	Description
Holding-Time	Indicates the Quota Holding Time (QHT).
Validity-Time	Indicates the validity lifetime of the quota in seconds.
Time-Threshold	Indicates the time threshold for pre-paid credit control quota.
Units-Threshold	Indicates the units threshold for DCCA quota in percentage.
Volume-Threshold	Indicates the volume threshold for pre-paid credit control quota.
Pending-Traffic-Treatment	
trigger	Indicates the trigger status.
forced-reauth	Indicates status of the Diameter credit control pending traffic treatment for forced reauthorization.
no-quota	Indicates status of the Diameter credit control pending traffic treatment quota.
quota-exhausted	Indicates status of the Diameter credit control pending traffic treatment for exhausted quota.
validity-expired	Indicates status of the Diameter credit control pending traffic treatment for validity.
Redirection	Indicates whether or not the "user-agent" check in the HTTP header is enabled.
diameter mscc-final-unit-action terminate	Indicates whether a PDP session or a category is terminated based on the user's quota and Final-Unit-Action (FUA) at **Multiple-Services-Credit-Control** (MSCC) level.

show active-charging service-scheme statistics

Table 80: show active-charging service-scheme statistics Command Output Descriptions

Field	Description
Service-name	The active charging service name.
Service-Scheme	The active charging service-scheme name.
Total Subscribers	Total number of subscribers configured on the system.
Total service scheme(s) found	Total number of configured active charging service-schemes.

show active-charging sessions all

Table 81: show active-charging sessions all Command Output Descriptions

Field	Description
SESSIONID	The active charging session ID.
CALLID	The Call ID.
IMSI/MSID	Indicates the International Mobile Subscriber Identification/Mobile Station ID.
IP	IP address of the client.
USERNAME	Name of the subscriber.
OC	Indicates the Override Control status as ON or OFF based on whether OC is enabled or disabled for the call.

show active-charging sessions credit-control server-unreachable

Table 82: show active-charging sessions credit-control server-unreachable Command Output Descriptions

Field	Description
SESSIONID	The active charging session ID.
CALLID	The call ID.
IMSI/MSID	The International Mobile Subscriber Identification/Mobile Station ID.
IP	IP address of client.
USERNAME	Name of the subscriber.
Total acs sessions matching specified criteria	Total number of ACS sessions with firewall enabled.

show active-charging sessions firewall required

Table 83: show active-charging sessions firewall required Command Output Descriptions

Field	Description
SESSIONID	The active charging session ID.

Field	Description
CALLID	The call ID.
IMSI/MSID	The International Mobile Subscriber Identification/Mobile Station ID.
IP	IP address of client.
USERNAME	Name of the subscriber.
Total acs sessions matching specified criteria	Total number of ACS sessions with firewall enabled.

show active-charging sessions full

Table 84: show active-charging sessions full Command Output Descriptions

Field	Description
Session-ID	The active charging session ID.
Username	Name of the subscriber.
Callid	The Call ID.
IMSI/MSID	Indicates the International Mobile Subscriber Identification/Mobile Station ID.
ACSMgr Instance	Total instances of ACS Manager.
ACSMgr Card/Cpu	Total number of ACS Manager Card/CPU.
Client-IP	In 14.0 and later releases, prefix of IPv6 address or IPv4 address of the client for all call types. In 12.3 and earlier releases, IPv6 address or IPv4 address of the client for all call types.
SessMgr Instance	Total instances of Session Manager.
NAS-IP	IP address of Network Access Server.
NAS-PORT	TCP port of Network Access Server.
Access-NAS-IP(FA)	IP address of accessed Network Access Server Foreign Agent (FA).
NSAPI	Total instances of NS APIs used.
Acct-Session-ID	The accounting session ID.
NAS-ID	The Network Access Server ID.
Access-NAS-ID(FA)	Accessed Network Access Server Foreign Agent (FA) ID.
3GPP2-BSID	3GPP2 base station ID.

Field	Description
Access-Correlation-ID(FA)	Access correlation ID for FA.
3GPP2-Correlation-ID	Mobile IP Correlation ID.
MEID	Mobile equipment's unique Mobile Equipment IDentifier (MEID).
Carrier-ID	Carrier or service ID.
ESN	Electronic Serial Number (ESN) of mobile equipment.
Uplink Bytes	Total bytes uploaded.
Downlink Bytes	Total bytes downloaded.
Uplink Packets	Total packets uploaded.
Downlink Packets	Total packets downloaded.
Injected Uplink Bytes	Total bytes injected to upload.
Injected Downlink Bytes	Total bytes injected to download.
Injected Uplink Packets	Total packets injected to upload.
Injected Downlink Packets	Total packets injected to download.
Buffered Uplink Packets	Total buffered packets for uplink.
Buffered Downlink Packets	Total buffered packets for downlink.
Buffered Uplink Bytes	Total buffered bytes for uplink.
Buffered Downlink Bytes	Total buffered bytes for uplink.
Uplink Packets in Buffer	Total number of uplink packets in the buffer.
Uplink Bytes in Buffer	Total number of uplink bytes in the buffer.
Downlink Packets in Buffer	Total number of downlink packets in the buffer.
Downlink Bytes in Buffer	Total number of downlink bytes in the buffer.
Buff Over-limit Uplink Pkts	Total number of uplink packets that were over the buffer limit.
Buff Over-limit Uplink Bytes	Total number of uplink bytes that were over the buffer limit.
Buff Over-limit Downlink Pkts	Total number of downlink packets that were over the buffer limit.
Buff Over-limit Downlink Bytes	Total number of downlink bytes that were over the buffer limit.
Processed Uplink Packets	Total packets processed for upload.
Processed Downlink Packets	Total packets processed for download.
Dropped Uplink Packets	Total packets dropped in uplink direction.

Field	Description
Dropped Downlink Packets	Total packets dropped in downlink direction.
Uplink Out of Order Packets	Total out of order packets in uplink direction.
Downlink Out of Order Packets	Total out of order packets in downlink direction.
ITC Terminated Flows	Total number of flows terminated by Intelligent Traffic Control service.
ITC Redirected Flows	Total number of flows redirected by Intelligent Traffic Control service.
ITC Dropped Packets	Total number of packets dropped by Intelligent Traffic Control service.
ITC ToS Remarked Packets	Total number of packets marked with Type of Service (ToS) by Intelligent Traffic Control service.
ITC Dropped Upl Pkts	Total number of packets in uplink direction, that were dropped by Intelligent Traffic Control service.
ITC Dropped Dnl Pkts	Total number of packets in downlink direction, that were dropped by Intelligent Traffic Control service.
ITC Dropped Upl Bytes	Total number of uplink bytes dropped by Intelligent Traffic Control service.
ITC Dropped Dnl Bytes	Total number of downlink bytes dropped by Intelligent Traffic Control service.
R7Gx Dropped Upl Packets	Total number of packets dropped by R7Gx in uplink direction.
R7Gx Dropped Dnl Packets	Total number of packets dropped by R7Gx in downlink direction.
R7Gx Dropped Upl Pkts RuleMatch Fail	Total number of packets dropped by R7Gx in uplink direction due to rulematch failure—no matching rule is found.
R7Gx Dropped Upl Bytes RuleMatch Fail	Total number of bytes dropped by R7Gx in uplink direction due to rulematch failure.
R7Gx Dropped Dnl Pkts RuleMatch Fail	Total number of packets dropped by R7Gx in downlink direction due to rulematch failure.
R7Gx Dropped Dnl Bytes RuleMatch Fail	Total number of bytes dropped by R7Gx in downlink direction due to rulematch failure.
CC Dropped Uplink Packets	Total number of packets dropped by credit control in uplink direction.
CC Dropped Uplink Bytes	Total number of bytes dropped by credit control in uplink direction.
CC Dropped Downlink Packets	Total number of packets dropped by credit control in downlink direction.
CC Dropped Downlink Bytes	Total number of bytes dropped by credit control in downlink direction.
NRUPC Req Made	Total number of Network Requested Update PDP Context (NRUPC) requests made.
NRUPC Req Success	Total number of NRUPC requests succeeded.

Field	Description
NRUPC Req Failed	Total number of NRUPC requests failed.
NRUPC Req Time Out	Total number of NRUPC requests timed out.
Current Readdressed Sessions	Number of current re-addressed sessions
Total Readdressed Uplink Pkts	Total number of re-addressed uplink packets.
Total Readdressed Uplink Bytes	Total number of re-addressed uplink bytes.
Total Readdressed Downlink Pkts	Total number of re-addressed downlink packets.
Total Readdressed Downlink Bytes	Total number of re-addressed downlink bytes.
Total Readdressing Failure	Total number re-addressing failures.
Creation Time	Time display in UTC format.
Last Pkt Time	Time of last packet created.
Duration	Duration of session.
Active Charging Service name	Name of the active charging service.
Rule Base name	Name of the rulebase applied.
Bandwidth Policy	The ACS bandwidth policy applicable for subscriber.
FW-and-NAT Policy	The Stateful Firewall-and-NAT policy applicable for subscriber.
Firewall Policy IPv4	Indicates whether Stateful Firewall IPv4 processing is required for subscriber.
Firewall Policy IPv6	Indicates whether Stateful Firewall IPv6 processing is required for subscriber.
NAT Policy	Indicates whether NAT processing is required for subscriber.
NAT Policy NAT44	Indicates whether NAT44 is enabled or disabled for the subscriber.
NAT Policy NAT64	Indicates whether NAT64 is enabled or disabled for the subscriber.
Bypass NAT Flow Present	Indicates whether bypass NAT flow is present or not.
TPO Policy	**Important** The Traffic Performance Optimization (TPO) in-line service is not supported in this release.
CF Policy ID	The content filtering policy identifier applicable for subscriber.
Dynamic Charging	Status of dynamic charging functionality.
Dynamic Chrg Msg Received	Total number of messages received for dynamic charging.
Rule Definitions Received	Total number of ruledefs received.

Field	Description
Installs Received	Total number of "Charging-Rule-Install" messages received.
Removes Received	Total number of "Charging-Rule-Remove" messages received.
Installs Succeeded	Total number of charging rules installed successfully.
Installs Failed	Total number of charging rules installation failed.
Removes Succeeded	Total number of charging rules removed successfully.
Removes Failed	Total number of charging rules removal failed.
Uplink Dynamic Rule Packets	Total number of packets uplinked with dynamic rules.
Uplink Dynamic Rule Bytes	Total number of bytes uplinked with dynamic rules.
Downlink Dynamic Rule Packets	Total number of packets downlinked with dynamic rules.
Downlink Dynamic Rule Bytes	Total number of bytes downlinked with dynamic rules.
Credit-Control	Displays the status of DCCA (on/off). **Important** Credit-Control state will be displayed as "Pending CCR-Event" when the session is waiting for a CCA-Event message. If there are no pending CCA-Event messages then Credit-Control state will be displaying the string "Event-Based-Charging".
Event-Triggers	Indicates the configured credit control reauthorization event triggers. **Important** This field will appear when Event-Based-Gy session is active.
CC Peer	Name of the credit control (CC) peer.
CC Group	Displays the selected credit control group information.
CC Mode	Indicates the credit control mode: RADIUS or DIAMETER
CC Failure Handling	Action configured for credit control failure handling.
CC Session Failover	Credit control session failover status.
CCR-I Server Unreachable Handling	Indicates whether initial-request calls will be continued/terminated when Diameter server(s)/OCS are unreachable.
CCR-U Server Unreachable Handling	Indicates whether update-request calls will be continued/terminated when Diameter server(s)/OCS are unreachable.
Total CCR-U	The total number of CCR-Updates (Credit Control Request with Update) messages sent to the credit control server.
Last State Change Time:	

Field	Description
Offline/Online	Indicates the state transition timestamp. The Offline timestamp is updated when the Gy session goes Offline. The Online timestamp is updated when the Gy session goes Online.
Total Server Unreachable States Hit	Indicates the total number of sessions that are in server unreachable state.
Tx-Expiry	Indicates the number of sessions that are in server unreachable state due to Tx expiry.
Response-TimeOut	Indicates the number of sessions that are in server unreachable state due to response timeout.
Connection-Failure	Indicates the number of sessions that are in server unreachable state due to connection failure.
Result-Code Based	Indicates the number of sessions that are in server unreachable state based on the result codes.
Current Server Unreachable State	Indicates that the Diameter server(s)/OCS are unreachable.
Interim Volume in Bytes (used / allotted)	Indicates how much of data volume has been currently consumed and the total allocated value. This value will be reset once the session comes out of Server-Unreachable-State i.e. when the server becomes available again.
Interim Time in Seconds (used / allotted)	Indicates how much of time has been used up and the total allocated time. This value will be reset once the session comes out of Server-Unreachable-State i.e. when the server becomes available again.
Server Retries (attempted / configured)	Indicates the total number of retries that were configured and attempted to the Diameter server during the Server-Unreachable-State.
Server Unreachable Reason	Indicates the reason for which server-unreachable condition was hit lastly.
Current TCP Proxy Flows	Total number of current TCP Proxy flows for the session. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Total TCP Proxy Flows	Total number of TCP Proxy flows for the session. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
TCP-proxy reset for non-SYN flows	Total number of resets sent by TCP Proxy for flows with no SYN packet after recovery. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.

Field	Description
Current IP Flows	Total number of current IP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current ICMP Flows	Total number of current ICMP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current IPv6 Flows	Total number of current IPv6 flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current ICMPv6 Flows	Total number of current ICMPv6 flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current TCP Flows	Total number of current TCP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current UDP Flows	Total number of current UDP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current HTTP Flows	Total number of current HTTP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current HTTPS Flows	Total number of current HTTPS flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.

Field	Description
Current FTP Flows	Total number of current FTP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current POP3 Flows	Total number of current POP3 flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current SMTP Flows	Total number of current SMTP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current SIP Flows	Total number of current SIP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current RTSP Flows	Total number of current RTSP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current RTP Flows	Total number of current RTP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current RTCP Flows	Total number of current RTCP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current IMAP Flows	Total number of current IMAP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.

Field	Description
Current WSP-CO Flows	Total number of current WSP-CO flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current WSP-CL Flows	Total number of current WSP-CL flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current MMS Flows	Total number of current MMS flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current DNS Flows	Total number of current DNS flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current PPTP-GRE Flows	Total number of current PPTP-GRE flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current PPTP Flows	Total number of current PPTP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current TFTP Flows	Total number of current TFTP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current P2P Flows	Total number of current P2P flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.

Field	Description
Current H323 Flows	Total number of current H323 flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current UNKNOWN Flows	Total number of current UNKNOWN flows.
Max (L3) Flows	The maximum number of simultaneous L3 flows seen by the session.
Max Flows Timestamp	Lists the date and time at which the L3 flows were seen.
CAE-Readdressing:	
GET Requests redirected	Total number of HTTP GET requests redirected to a CAE.
POST Requests redirected	Total number of HTTP POST requests redirected to a CAE.
Other Requests redirected	Total number of other HTTP requests redirected to a CAE.
HTTP Responses redirected	Total number of HTTP responses redirected to a CAE.
Requests having xheader inserted	Total number of HTTP requests that have x-headers inserted.
Total connection failed to video server	Total number of failed connections to the video server.
Total uplink Bytes	Total number of uplink bytes.
Total uplink Packets	Total number of uplink packets.
Total downlink Bytes	Total number of downlink bytes.
Total downlink Packets	Total number of downlink packets.
Rating-Group	Rating-Group of the MSCC which is used by DCCA.
Service-Identifier	Service-Identifier of the MSCC which is used by DCCA
State	State in which the MSCC (identified by Rating-Group and Service-Identifier) is present. For example, Charging, Limit-Reached, Rating-Failed
Checkpoint State	Checkpoint status of the MSCC. It can be either Current or Outdated. Current implies that the MSCC is checkpointed recently. Outdated means the MSCC is ready to get checkpointed to update its new status.
Pending Update	This indicates whether a response is awaited from the server for this MSCC, after sending a CCR-U.
Accelerated	This indicates whether or not the MSCC supports acceleration. The Accelerated status of MSCC will only be visible if the chassis has license for the Flow Aware Packet Acceleration (FAPA) feature.
Last Answer	Time duration from the last sent CCR-Update request for this MSCC.

Field	Description
Backpressured	Shows how many times the category (Rating-Group) is subsequently moving into backpressured (unable to send message due to message queue being full) state while sending a CCR-U. The maximum count value that can be supported is 15. Once the messages are sent successfully, this counter will be reset to 0 and this field will not be displayed in the output.
Ruledef Name	Name of the ACS ruledef.
Pkts-Down	Total number of packets downlinked.
Bytes-Down	Total number of bytes downlinked.
Pkts-Up	Total number of packets uplinked.
Bytes-Up	Total number of bytes uplinked.
Hits	Total number of packets handled in uplink and downlink directions.
Match-Bypassed	Total number of rule-match request bypassed.
Post-processing Rulestats	
Ruledef Name	Name of the ACS ruledef.
Pkts-Down	Totak number of packets downlinked.
Bytes-Down	Total number of bytes downlinked.
Pkts-Up	Total number of packets uplinked.
Bytes-Up	Total number of bytes uplinked.
Hits	Total number of packets handled in uplink and downlink directions.
Firewall-Ruledef Name	Name of the Stateful Firewall ruledef.
Pkts-Down	Total number of packets downlinked.
Bytes-Down	Total number of bytes downlinked.
Pkts-Up	Total number of packets uplinked.
Bytes-Up	Total number of bytes uplinked.
Hits	Total number of packets handled in uplink and downlink directions.
Dynamic Charging Rule Name Statistics	Dynamic charging rule name statistics.
Dynamic Charging Rule Name Configured	Dynamic charging rule name configured.
Predefined Rules Enabled List	List of enabled predefined rules.
Predefined Firewall Rules Enabled List	List of enabled predefined Firewall rules.

Field	Description
NCQoS NRUPC Req Made	Total number of network-controlled QOS Network Requested Update PDP Context requests made.
NCQoS NRSPCA Req Made	Total number of network-controlled QOS Network Requested Secondary PDP Context Activation requests made.
NCQoS NRUPC Req Failed	Total number of network-controlled QOS Network Requested Update PDP Context requests failed.
NCQoS NRSPCA Req Failed	Total number of network-controlled QOS Network Requested Secondary PDP Context Activation requests failed.
NCQoS NRUPC Req Success	Total number of network-controlled QOS Network Requested Update PDP Context requests succeeded.
NCQoS NRSPCA Req Success	Total number of network-controlled QOS Network Requested Secondary PDP Context Activation requests succeeded.
Total acs sessions matching specified criteria	Total number of ACS sessions matching the specified criteria.

show active-charging sessions full all

Table 85: show active-charging sessions full all Command Output Descriptions

Field	Description
Session-ID	The active charging session ID.
Username	The subscriber's name.
Callid	Call identification.
IMSI/MSID	The International Mobile Subscriber Identification/Mobile Station ID.
ACSMgr Instance	Total instance of ACS Manager.
ACSMgr Card/Cpu	Total number of ACS Manager Card/CPU.
SessMgr Instance	Total instance of session manager.
Client-IP	In 14.0 and later releases, prefix of IPv6 address or IPv4 address of the client for all call types. In 12.3 and earlier releases, IPv6 address or IPv4 address of the client for all call types.
NAS-IP	Indicates the IP address of Network Access Server.

Field	Description
Access-NAS-IP(FA)	Indicates the IP address of accessed Network Access Server Foreign Agent (FA).
NAS-PORT	Indicates the TCP port of Network Access Server.
NSAPI	Total instances of NS APIs used.
Acct-Session-ID	Indicates the accounting session ID.
NAS-ID	The Network Access Server identifier.
Access-NAS-ID(FA)	Indicates the identifier of accessed Network Access Server Foreign Agent (FA).
3GPP2-BSID	Indicates the 3GPP2 base station identifier.
Access-Correlation-ID(FA)	Indicates the access correlation ID for FA.
3GPP2-Correlation-ID	Indicates the Mobile IP Correlation ID.
MEID	Indicates the Mobile equipment's unique Mobile Equipment Identifier (MEID).
Carrier-ID	Indicates the carrier or service ID.
PCO: Value/Interface	Specifies the last updated PCO value and the interface it is configured for.
ESN	Indicates the Electronic Serial Number (ESN) of mobile equipment.
Enterprise ID	A 24-bit integer value, PCRF sends Enterprise ID that is associated with the user to the gateway during call setup. This field is required for identifying traffic based on NSH.
Uplink Bytes	Total bytes uploaded.
Downlink Bytes	Total bytes downloaded.
Uplink Packets	Total packets uploaded.
Downlink Packets	Total packets downloaded.
Injected Uplink Bytes	Total bytes injected to upload.
Injected Downlink Bytes	Total bytes injected to download.
Injected Uplink Packets	Total packets injected to upload.
Injected Downlink Packets	Total packets injected to download.
Buffered Uplink Packets	Total buffered packets for uplink.
Buffered Downlink Packets	Total buffered packets for downlink.

Field	Description
Buffered Uplink Bytes	Total buffered bytes for uplink.
Buffered Downlink Bytes	Total buffered bytes for uplink.
Uplink Packets in Buffer	Total number of uplink packets in the buffer.
Uplink Bytes in Buffer	Total number of uplink bytes in the buffer.
Downlink Packets in Buffer	Total number of downlink packets in the buffer.
Downlink Bytes in Buffer	Total number of downlink bytes in the buffer.
Buff Over-limit Uplink Pkts	Total number of uplink packets that were over the buffer limit.
Buff Over-limit Uplink Bytes	Total number of uplink bytes that were over the buffer limit.
Buff Over-limit Downlink Pkts	Total number of downlink packets that were over the buffer limit.
Buff Over-limit Downlink Bytes	Total number of downlink bytes that were over the buffer limit.
Processed Uplink Packets	Total packets processed for upload.
Processed Downlink Packets	Total packets processed for download.
In Releases prior to 20: Dropped Uplink Packets	Total packets dropped in uplink direction. In Release 20 and beyond, this statistic is replaced by DCCA Buffered Packet Drops Uplink.
In Releases prior to 20: Dropped Downlink Packets	Total packets dropped in downlink direction. In Release 20 and beyond, this statistic is replaced by DCCA Buffered Packet Drops Downlink.
Current P-GW-Buffer Queue Length	Displays the currently utilized queue length.
Total P-GW Buffer Merge Count	Displays the merged count of PRA messages.
DCCA Buffered Packet Drops	
Uplink	Total number of packets dropped in uplink direction due to rule failure for DCCA buffered packets.
Downlink	Total number of packets dropped in downlink direction due to rule failure for DCCA buffered packets.
Uplink Out of Order Packets	Total out of order packets in uplink direction.
Downlink Out of Order Packets	Total out of order packets in downlink direction.
ITC Terminated Flows	Total number of flows terminated by Intelligent Traffic Control service.
ITC Redirected Flows	Total number of flows redirected by Intelligent Traffic Control service.
ITC Dropped Packets	Total number of packets dropped by Intelligent Traffic Control service.
ITC ToS Remarked Packets	Total number of packets marked with Type of Service (ToS) by Intelligent Traffic Control service.

Field	Description
R7Gx Dropped Upl Packets	Total number of packets dropped by R7Gx in uplink direction.
R7Gx Dropped Dnl Packets	Total number of packets dropped by R7Gx in downlink direction.
R7Gx Dropped Upl Pkts RuleMatch Fail	Total number of packets dropped by R7Gx in uplink direction due to rulematch failure—no matching rule is found.
R7Gx Dropped Upl Bytes RuleMatch Fail	Total number of bytes dropped by R7Gx in uplink direction due to rulematch failure.
R7Gx Dropped Dnl Pkts RuleMatch Fail	Total number of packets dropped by R7Gx in downlink direction due to rulematch failure.
R7Gx Dropped Dnl Bytes RuleMatch Fail	Total number of bytes dropped by R7Gx in downlink direction due to rulematch failure.
CC Dropped Uplink Packets	Total number of packets dropped by credit control in uplink direction.
CC Dropped Uplink Bytes	Total number of bytes dropped by credit control in uplink direction.
CC Dropped Downlink Packets	Total number of packets dropped by credit control in downlink direction.
CC Dropped Downlink Bytes	Total number of bytes dropped by credit control in downlink direction.
NRUPC Req Made	Total number of Network Requested Update PDP Context (NRUPC) requests made.
NRUPC Req Success	Total number of NRUPC requests succeeded.
NRUPC Req Failed	Total number of NRUPC requests failed.
NRUPC Req Time Out	Total number of NRUPC requests timed out.
Current Readdressed Sessions	Total number of current readdressed sessions.
Total Readdressed Uplink Pkts	Total number of readdressed uplink packets.
Total Readdressed Uplink Bytes	Total number of readdressed uplink bytes.
Total Readdressed Downlink Pkts	Total number of readdressed downlink packets.
Total Readdressed Downlink Bytes	Total number of readdressed downlink bytes.
Total Readdressing Failure Packets	Total number of packets with readdressing failures.
Non SYN Flow	Total number of readdressing packets with a non SYN flow failure.
Duplicate Key	Total number of readdressing packets with a duplicate key failure.
Dropped Pkts	Total number of packets discarded on readdressing failure. If the **discard-on-failure** option is not enabled using the **flow action readdress** command, this value will be zero.
Creation Time	Time display in UTC format.

Field	Description
Last Pkt Time	Time of last packet created.
Duration	Duration of session.
Active Charging Service name	Name of the Active Charging Service.
Rule Base name	Name of the ACS rulebase applied.
URL-Redir First-Request-Only	Specifies whether URL redirection for the first request only is enabled.
Tethering-detection notification	Indicates whether tethering detection notification is enabled or disabled.
Tethering-detected notification sent	Indicates wheter tethering detection notification is sent (Yes, No, or n/a)
Bandwidth Policy	The ACS bandwidth policy applicable for subscriber.
Firewall Policy	Indicates whether Stateful Firewall processing is required for subscriber.
FW-and-NAT Policy	The Stateful Firewall-and-NAT policy applicable for subscriber.
NAT Policy	Indicates whether NAT processing is required for subscriber.
TPO Policy	**Important** The Traffic Performance Optimization (TPO) in-line service is not supported in this release.
CF Policy ID	The Content Filtering policy ID applicable for subscriber.
Dynamic Charging	Status of dynamic charging functionality.
Dynamic Chrg Msg Received	Total number of messages received for dynamic charging.
Rule Definitions Received	Total number of ruledefs received.
Installs Received	Total number of "Charging-Rule-Install" messages received.
Removes Received	Total number of "Charging-Rule-Remove" messages received.
Installs Succeeded	Total number of charging rules installed successfully.
Installs Failed	Total number of charging rules installation failed.
Removes Succeeded	Total number of charging rules removed successfully.
Removes Failed	Total number of charging rules removal failed.
Override Control	
Installs Received	Total number of overrides received.
Installs Succeeded	Total number of overrides that were succeeded.
Installs Failed	Total number of overrides that were failed.

Field	Description
Disables Received	Total number of disable overrides received for a specific call.
Disables Succeeded	Total number of disable overrides succeeded for a specific call.
Disables Failed	Total number of disable overrides failed for a specific call.
Uplink Dynamic Rule Packets	Total number of packets uplinked with dynamic rules.
Uplink Dynamic Rule Bytes	Total number of bytes uplinked with dynamic rules.
Downlink Dynamic Rule Packets	Total number of packets downlinked with dynamic rules.
Downlink Dynamic Rule Bytes	Total number of bytes downlinked with dynamic rules.
Dynamic Charging Packet Drop Statistics	
Bearer BW Limit Upl Pkts	Total number of uplink packets dropped due to bearer bandwidth limiting.
Bearer BW Limit Dnl Pkts	Total number of downlink packets dropped due to bearer bandwidth limiting.
Bearer BW Limit Upl Bytes	Total number of uplink bytes dropped due to bearer bandwidth limiting.
Bearer BW Limit Dnl Bytes	Total number of downlink bytes dropped due to bearer bandwidth limiting.
PCC Rule BW Limit Upl Pkts	Total number of uplink packets dropped due to PCC rule bandwidth limiting.
PCC Rule BW Limit Dnl Pkts	Total number of downlink packets dropped due to PCC rule bandwidth limiting.
PCC Rule BW Limit Upl Bytes	Total number of uplink bytes dropped due to PCC rule bandwidth limiting.
PCC Rule BW Limit Dnl Bytes	Total number of downlink bytes dropped due to PCC rule bandwidth limiting.
PCC Rule Gating Upl Pkts	Total number of uplink packets dropped due to PCC rule gating.
PCC Rule Gating Dnl Pkts	Total number of downlink packets dropped due to PCC rule gating.
PCC Rule Gating Upl Bytes	Total number of uplink bytes dropped due to PCC rule gating.
PCC Rule Gating Dnl Bytes	Total number of downlink bytes dropped due to PCC rule gating.
RuleMatch Fail Upl Pkts	Total number of uplink packets dropped due to rule match failure.
RuleMatch Fail Dnl Pkts	Total number of downlink packets dropped due to rule match failure.
RuleMatch Fail Upl Bytes	Total number of uplink bytes dropped due to rule match failure.
RuleMatch Fail Dnl Bytes	Total number of downlink bytes dropped due to rule match failure.
Credit-Control	Indicates DCCA status: On/Off
CC Peer	Name of the credit control (CC) peer.
CC Group	Displays the selected credit control group information.

Field	Description
CC Mode	Indicates the credit control mode: RADIUS or DIAMETER
CC Failure Handling	Action configured for credit control failure handling.
CC Session Failover	Credit control session failover status.
CCR-I Server Unreachable Handling	Indicates whether initial-request calls will be continued/terminated when Diameter server(s)/OCS are unreachable.
CCR-U Server Unreachable Handling	Indicates whether update-request calls will be continued/terminated when Diameter server(s)/OCS are unreachable.
Total CCR-U	The total number of CCR-Updates (Credit Control Request with Update) messages sent to the credit control server.
Current Server Unreachable State	Indicates that the Diameter server(s)/OCS are unreachable.
Interim Volume in Bytes (used / allotted)	Indicates how much of data volume has been currently consumed and the total allocated value. This value will be reset once the session comes out of Server-Unreachable-State i.e. when the server becomes available again.
Interim Time in Seconds (used / allotted)	Indicates how much of time has been used up and the total allocated time. This value will be reset once the session comes out of Server-Unreachable-State i.e. when the server becomes available again.
Server Retries (attempted / configured)	Indicates the total number of retries that were configured and attempted to the Diameter server during the Server-Unreachable-State.
Current TCP Proxy Flows	Total number of current TCP Proxy flows for the session. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Total TCP Proxy Flows	Total number of TCP Proxy flows for the session. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
TCP-proxy reset for non-SYN flows	Total number of resets sent by TCP Proxy for flows with no SYN packet after recovery. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current IP Flows	Total number of current IP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.

Field	Description
Current ICMP Flows	Total number of current ICMP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current IPv6 Flows	Total number of current IPv6 flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current ICMPv6 Flows	Total number of current ICMPv6 flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current MIPv6 Flows	Total number of current MIPv6 flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current TCP Flows	Total number of current TCP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current UDP Flows	Total number of current UDP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current HTTP Flows	Total number of current HTTP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current HTTPS Flows	Total number of current HTTPS flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.

Field	Description
Current FTP Flows	Total number of current FTP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current POP3 Flows	Total number of current POP3 flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current SMTP Flows	Total number of current SMTP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current SIP Flows	Total number of current SIP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current RTSP Flows	Total number of current RTSP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current RTP Flows	Total number of current RTP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current RTCP Flows	Total number of current RTCP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current IMAP Flows	Total number of current IMAP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.

Field	Description
Current WSP-CO Flows	Total number of current WSP-CO flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current WSP-CL Flows	Total number of current WSP-CL flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current MMS Flows	Total number of current MMS flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current DNS Flows	Total number of current DNS flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current PPTP-GRE Flows	Total number of current PPTP-GRE flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current PPTP Flows	Total number of current PPTP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current P2P Flows	Total number of current P2P flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current H323 Flows	Total number of current H323 flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.

Field	Description
Current TFTP Flows	Total number of current TFTP flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
Current UNKNOWN Flows	Total number of current UNKNOWN flows. **Important** This statistic is removed from this command in 18.0 and later releases, and availble in the **show active-charging subscribers full all** command.
CAE-Readdressing:	
GET Requests redirected	Total number of HTTP GET requests redirected to a CAE.
POST Requests redirected	Total number of HTTP POST requests redirected to a CAE.
Other Requests redirected	Total number of other HTTP requests redirected to a CAE.
HTTP Responses redirected	Total number of HTTP responses redirected to a CAE.
Requests having xheader inserted	Total number of HTTP requests that have x-headers inserted.
Total connection failed to video server	Total number of failed connections to the video server.
Total uplink Bytes	Total number of uplink bytes.
Total uplink Packets	Total number of uplink packets.
Total downlink Bytes	Total number of downlink bytes.
Total downlink Packets	Total number of downlink packets.
STATIC CF STATISTICS	
CF Packets Allowed	Total number of packets allowed after applying content filtering service. **NOTE:** This statistic has been renamed to **Flows Allowed** in 12.0 and later releases.
CF Packets Discarded without Responding	Total number of packets discarded without sending any response after applying content filtering service. **NOTE:** This statistic has been renamed to **Flows Discarded** in 12.0 and later releases.
CF Packets Discarded with Flow Redirection	Total number of packets discarded with traffic flow redirection after applying content filtering service. **NOTE:** This statistic has been renamed to **Flows Redirected** in 12.0 and later releases.

Field	Description
CF Packets Discarded with Flow Termination	Total number of packets discarded and traffic flow terminated after applying content filtering service. **NOTE:** This statistic has been renamed to **Flows Terminated** in 12.0 and later releases.
CF Packets Discarded with Flow Content Insertion	Total number of packets discarded and content inserted in response message after applying content filtering service. **NOTE:** This statistic has been renamed to **Flows Discarded with Content Insertion** in 12.0 and later releases.
CF Static DB Look-ups	Total number of lookups in static rating database for content filtering service.
CF Successful Cache Look-ups	Total number of lookups in cache memory for static rating of URLs and returned successful after applying content filtering service.
DYNAMIC CF STATISTICS	
Flows Allowed	Total number of flows allowed by dynamic CF. Typically a flow is allowed if the matched flow category contains the action "allow" in the CF configuration.
Flows Discarded	Total number of flows discarded by dynamic CF.
Flows Redirected	Total number of flows redirected by dynamic CF.
Flows Terminated	Total number of flows terminated by dynamic CF.
Flows Discarded with Content Insertion	Total number of flows discarded with content insertion by dynamic CF.
CF Dynamic Lookups	Total number of lookups in dynamic rating database for content filtering service.
Charging ruledef(s) matching the specified criteria	Charging ruledef(s) matching the specified criteria.
Firewall ruledef(s) match the specified criteria	Stateful Firewall ruledef(s) matching the specified criteria.
Dynamic Charging Rule Name Statistics	Dynamic charging rule name statistics.
Total Dynamic Rules	Total number of dynamic rules.
Total L7 Dynamic Rules	Total number of L7 dynamic rules sent from PCRF.
Total Predefined Rules	Total number of predefined rules.
Total ADC Rules	Total number of ADC rules (ADC Predefined + ADC Dynamic Rules).
Total Firewall Predefined Rules	Total number of Stateful Firewall predefined rules.
Dynamic Charging Rule Definitions Configured	Dynamic charging rules configured.

Field	Description
Rule Parameters	Displays the values for the following parameters: • TDF Application Id: ADC Application Identifier. The name of the ruledef given in the PCRF/Gx configuration. • TDF Readdress Status: ADC Readdress status enabled/disabled. • TDF Readdress IP: Displayed only when Readdress status is enabled. • TDF Redirect URL: Displayed only when the redirect to URL is given in the PCRF/Gx configuration. Either readdress or redirect information is displayed. • TDF Custom-mute: Enabled/Disabled
Total Dynamic Charging Rule Names	Total number of dynamic charging rules.
Total Dynamic Firewall Rule Names	Total number of dynamic Stateful Firewall rules.
Inheritance is disabled for this subscriber - Error!	This field is displayed if rule information has inheritance parameters but the subscriber-level information does not have inheritance enabled.
Predefined Rules Enabled List	List of enabled predefined rules.
Predefined Firewall Rules Enabled List	List of enabled predefined Firewall rules.
Total Override Control	Total number of overrides that are currently active for the subscriber.
Total acs sessions matching specified criteria	Total number of ACS sessions matching the specified criteria.
Radio-Congestion Session Full Stats	
Last Reported Congestion Level	Indicates the last reported congestion level.
Total Flows Analyzed	Total number of flows analyzed.
Total Flows Eligible for Correlation	Total number of flows eligible for correlation.
Radio-Congestion Session Last Reported Stats	
Total Flows Analyzed	Total number of flows analyzed.
Total Flows Eligible for Correlation	Total number of flows eligible for correlation.
Total Flows with Congestion Level	Total number of flows with congestion level.
no Congestion	Total number of flows with no congestion.
low Congestion	Total number of flows with low congestion.
medium Congestion	Total number of flows with medium congestion.
high Congestion	Total number of flows with high congestion.

Field	Description
extreme Congestion	Total number of flows with extreme congestion.
Link Monitoring Average Throughput	The average link monitoring throughput, in kbps.
Link Monitoring Average RTT Custom	The average link monitoring RTT (Round Trip Time), in milliseconds. Indicates operator specific custom option.
Value	Indicates the value used for sending in custom PCO container.
Interface	Indicates the interface such as Gx. Gy or n/a based on the following conditions: • Gx: The charging rule is applied from the Gx interface that has custom PCO value. • Gy: The charging rule is applied from the Gy interface that has custom pco value. • N/A: The configured PCO value which is applied from APN profile

show active-charging sessions summary

Table 86: show active-charging sessions summary Command Output Descriptions

Field	Description
Session-ID	The active charging session ID.
Username	Name of the subscriber.
Callid	Call identification.
IMSI/MSID	Indicates the International Mobile Subscriber Identification / Mobile Station ID.
ACSMgr Instance	Total instance of ACS Manager.
ACSMgr Card/Cpu	Total number of ACS Manager Card/CPU.
Client-IP	Indicates the IP address of Client.
SessMgr Instance	Total instance of session manager.
NAS-IP	Indicates the IP address of Network Access Server.
NAS-PORT	Indicates the TCP port of Network Access Server.
Access-NAS-IP(FA)	Indicates the IP address of accessed Network Access Server Foreign Agent (FA).
Acct-Session-ID	Indicates the accounting session ID.

Field	Description
3GPP2-Correlation-ID	Indicates the Mobile IP Correlation ID.
Access-Correlation-ID(FA)	Indicates the access correlation ID for FA.
MEID	Indicates the Mobile equipment's unique Mobile Equipment IDentifier (MEID).
Carrier-ID	Indicates the Carrier or service ID.
ESN	Indicates the Electronic Serial Number (ESN) of mobile equipment.
Uplink Bytes	Total bytes uploaded.
Downlink Bytes	Total bytes downloaded.
Uplink Packets	Total packets uploaded.
Downlink Packets	Total packets downloaded.
Injected Uplink Bytes	Total bytes injected to upload.
Injected Downlink Bytes	Total bytes injected to download.
Injected Uplink Packets	Total packets injected to upload.
Injected Downlink Packets	Total packets injected to download.
Uplink Out of Order Packets	Total out of order packets in uplink direction.
Downlink Out of Order Packets	Total out of order packets in downlink direction.
Creation Time	Time display in UTC format.
Last Pkt Time	Time of last packet created.
Duration	Duration of session.
Active Charging Service name	Name of the ACS service.
Rule Base name	Name of the rulebase applied.
Credit-Control	DCCA status: On/Off
CC peer	Name of the Credit Control (CC) peer.
CC Failure Handling	Action configured to handle CC failure.
CC Session Failover	CC Session Failover status.
Rating-Group	Rating-Group of the MSCC which is used by DCCA
State	State in which the MSCC (identified by Rating-Group and Service-Identifier) is present. For example, Charging, Limit-Reached, Rating-Failed, etc.
Pending Update	This indicates whether a response is awaited from the server for this MSCC, after sending a CCR-U.

Field	Description
Last CCA	Time duration from the last sent CCR-Update request for this MSCC.
Time Threshold	Threshold for CC.
Quota	Quota assigned for pre-paid subscriber.
Usage	Usage by subscriber.
Ruledef Name	Name of the Ruledef.
Pkts-Down	Total packets in downlink direction.
Bytes-Down	Total byte in downlink direction.
Pkts-Up	Total Packets in upward direction.
Bytes-Up	Total bytes in upward direction.
Hits	Total packets in upload and download direction.
Current IP Sessions	Total number of current IP sessions.
Current ICMP Sessions	Total number of current ICMP sessions.
Current IPv6 Sessions	Total number of current IPv6 sessions.
Current ICMPv6 Sessions	Total number of current ICMPv6 sessions.
Current TCP Sessions	Total number of current TCP sessions.
Current UDP Sessions	Total number of current UDP sessions.
Current HTTP Sessions	Total number of current HTTP sessions.
Current HTTPS Sessions	Total number of current HTTPS sessions.
Current FTP Sessions	Total number of current FTP sessions.
Current POP3 Sessions	Total number of current POP3 sessions.
Current SMTP Sessions	Total number of current SMTP sessions.
Current SIP Sessions	Total number of current SIP sessions.
Current RTSP Sessions	Total number of current RTSP sessions.
Current RTP Sessions	Total number of current RTP sessions.
Current RTCP Sessions	Total number of current RTCP sessions.
Current IMAP Sessions	Total number of current IMAP sessions.
Current WSP-CO Sessions	Total number of current WSP-CO sessions.
Current WSP-CL Sessions	Total number of current WSP-CL sessions.

Field	Description
Current MMS Sessions	Total number of current MMS sessions.
Current DNS Sessions	Total number of current DNS sessions.
Current PPTP Sessions	Total number of current PPTP sessions.
Current PPTP-GRE Sessions	Total number of current PPTP-GRE sessions.
Current P2P Sessions	Total number of current P2P sessions.
Current H323 Sessions	Total number of current H323 sessions.
Current TFTP Sessions	Total number of current TFTP sessions.
Current UNKNOWN Sessions	Total number of current UNKNOWN sessions.
Current SKYPE Sessions	Total number of current SKYPE sessions.
Current YAHOO Sessions	Total number of current YAHOO sessions.
Important The following voice/non-voice counters are available only for 10.0 and earlier releases.	
Current SKYPE voice Sessions	Total number of current SKYPE voice sessions.
Current YAHOO voice Sessions	Total number of current YAHOO voice sessions.
Current SKYPE non-voice Sessions	Total number of current SKYPE non-voice sessions.
Current YAHOO non-voice Sessions	Total number of current YAHOO non-voice sessions.
Important The following two audio counters are available only for 11.0 and later releases.	
Current SKYPE Audio Sessions	Total number of current SKYPE audio sessions.
Current YAHOO Audio Sessions	Total number of current YAHOO audio sessions.
Current YAHOO Video Sessions	Total number of current YAHOO video sessions.
Current SKYPE Unclassified Sessions	Total number of current SKYPE Unclassified sessions.
Current SKYPE Voipout Sessions	Total number of current SKYPE Voipout sessions.
Current EDONKEY Sessions	Total number of current EDONKEY sessions.
Current ORB Sessions	Total number of current ORB sessions.
Current MSN Sessions	Total number of current MSN sessions.
Current GNUTELLA Sessions	Total number of current GNUTELLA sessions.
Important The following voice/non-voice counters are available only for 10.0 and earlier releases.	

Field	Description
Current MSN voice Sessions	Total number of current MSN voice sessions.
Current MSN non-voice Sessions	Total number of current MSN non-voice sessions.
Current BITTORRENT Sessions	Total number of current BITTORRENT sessions.
Important The following audio/video counters are available only for 11.0 and later releases.	
Current MSN Audio Sessions	Total number of current MSN audio sessions.
Current MSN Video Sessions	Total number of current MSN video sessions.
Current SLINGBOX Sessions	Total number of current SLINGBOX sessions.
Current JABBER Sessions	Total number of current JABBER sessions.
Current WINNY Sessions	Total number of current WINNY sessions.
Current MANOLITO Sessions	Total number of current MANOLITO sessions.
Current PANDO Sessions	Total number of current PANDO sessions.
Current FILETOPIA Sessions	Total number of current FILETOPIA sessions.
Current SOULSEEK Sessions	Total number of current SOULSEEK sessions.
Current PPSTREAM Sessions	Total number of current PPSTREAM sessions.
Current QQ Sessions	Total number of current QQ sessions.
Current QQ Audio Sessions	Total number of current QQ audio sessions.
Current QQ Video Sessions	Total number of current QQ video sessions.
Current QQLIVE Sessions	Total number of current QQLIVE sessions.
Current IMESH Sessions	Total number of current IMESH sessions.
Current MUTE Sessions	Total number of current MUTE sessions.
Current PPLIVE Sessions	Total number of current PPLIVE sessions.
Current GADUGADU Sessions	Total number of current GADUGADU sessions.
Current FEIDIAN Sessions	Total number of current FEIDIAN sessions.
Current APPLEJUICE Sessions	Total number of current APPLEJUICE sessions.
Current fasttrack Sessions	Total number of current Fasttrack sessions.
Current ZATTOO Sessions	Total number of current ZATTOO sessions.
Current SKINNY Sessions	Total number of current SKINNY sessions.

Field	Description
Current SOPCAST Sessions	Total number of current SOPCAST sessions.
Current DIRECTCONNECT Sessions	Total number of current DIRECTCONNECT sessions.
Current ARES Sessions	Total number of current ARES sessions.
Current OSCAR Sessions	Total number of current OSCAR sessions.
Important The following voice/non-voice counters are available only for 10.0 and earlier releases.	
Current OSCAR voice Sessions	Total number of current OSCAR voice sessions.
Current OSCAR non-voice Sessions	Total number of current OSCAR non-voice sessions.
Important The following two counters are available only for 11.0 and later releases.	
Current OSCAR Audio Sessions	Total number of current OSCAR audio sessions.
Current OSCAR Video Sessions	Total number of current OSCAR video sessions.
Current POPO Sessions	Total number of current POPO sessions.
Current IRC Sessions	Total number of current IRC sessions.
Current STEAM Sessions	Total number of current STEAM sessions.
Current DDLINK Sessions	Total number of current DDLINK sessions.
Current HALFLIFE2 Sessions	Total number of current HALFLIFE2 sessions.
Current HAMACHIVPN Sessions	Total number of current HAMACHIVPN sessions.
Current TVANTS Sessions	Total number of current TVANTS sessions.
Current TVUPLAYER Sessions	Total number of current TVUPLAYER sessions.
Current UUSEE Sessions	Total number of current UUSEE sessions.
Current VPNX Sessions	Total number of current VPNX sessions.
Current VTUN Sessions	Total number of current VTUN sessions.
Current WINMX Sessions	Total number of current WINMX sessions.
Current WOFWARCRAFT Sessions	Total number of current WOFWARCRAFT sessions.
Current XBOX Sessions	Total number of current XBOX sessions.
Current ISKOOT Sessions	Total number of current ISKOOT sessions.
Current FRING Sessions	Total number of current FRING sessions.

Field	Description
Current GTALK Sessions	Total number of current GTALK sessions.
Important The following voice/non-voice counters are available only for 10.0 and earlier releases.	
Current GTALK voice Sessions	Total number of current GTALK voice sessions.
Current GTALK non-voice Sessions	Total number of current GTALK non-voice sessions.
Important The following two counters are available only for 11.0 and later releases.	
Current GTALK Audio Sessions	Total number of current GTALK audio sessions.
Current GTALK Video Sessions	Total number of current GTALK video sessions.
Current OOVOO Sessions	Total number of current OOVOO sessions.
Current FREENET Sessions	Total number of current FREENET sessions.
Current AIMINI Sessions	Total number of current AIMINI sessions.
Current BATTLEFIELD Sessions	Total number of current BATTLEFIELD sessions.
Current OPENFT Sessions	Total number of current OPENFT sessions.
Current QQGAME Sessions	Total number of current QQGAME sessions.
Current QUAKE Sessions	Total number of current QUAKE sessions.
Current SECONDLIFE Sessions	Total number of current SECONDLIFE sessions.
Current ACTIVESYNC Sessions	Total number of current ACTIVESYNC sessions.
Current NIMBUZZ Sessions	Total number of current NIMBUZZ sessions.
Current IAX Sessions	Total number of current IAX sessions.
Current PALTALK Sessions	Total number of current PALTALK sessions.
Current WARCRAFT3 Sessions	Total number of current WARCRAFT3 sessions.
Current IPTV Sessions	Total number of current IPTV sessions.
Current RDP Sessions	Total number of current RDP sessions.
Current PANDORA Sessions	Total number of current PANDORA sessions.
Current PANDORA unclassified Sessions	Total number of current PANDORA unclassified sessions.
Current PANDORA ads Sessions	Total number of current PANDORA ads sessions.
Current ICECAST Sessions	Total number of current ICECAST sessions.

Field	Description
Current KONTIKI Sessions	Total number of current KONTIKI sessions.
Current MEEBO Sessions	Total number of current MEEBO sessions.
Current SHOUTCAST Sessions	Total number of current SHOUTCAST sessions.
Current TRUPHONE Sessions	Total number of current TRUPHONE sessions.
Current THUNDER Sessions	Total number of current THUNDER sessions.
Current ARMAGETTRON Sessions	Total number of current ARMAGETTRON sessions.
Current BLACKBERRY Sessions	Total number of current BLACKBERRY sessions.
Current CITRIX Sessions	Total number of current CITRIX sessions.
Current CLUBPENGUIN Sessions	Total number of current CLUBPENGUIN sessions.
Current CROSSFIRE Sessions	Total number of current CROSSFIRE sessions.
Current DOFUS Sessions	Total number of current DOFUS sessions.
Current FIESTA Sessions	Total number of current FIESTA sessions.
Current FLORENSIA Sessions	Total number of current FLORENSIA sessions.
Current FUNSHION Sessions	Total number of current FUNSHION sessions.
Current GUILDWARS Sessions	Total number of current GUILDWARS sessions.
Current ISAKMP Sessions	Total number of current ISAKMP sessions.
Current MAPLESTORY Sessions	Total number of current MAPLESTORY sessions.
Current MGCP Sessions	Total number of current MGCP sessions.
Current OCTOSHAPE Sessions	Total number of current OCTOSHAPE sessions.
Current OFF Sessions	Total number of current OFF sessions.
Current PS3 Sessions	Total number of current PS3 sessions.
Current RMSTREAM Sessions	Total number of current RMSTREAM sessions.
Current RFACTOR Sessions	Total number of current RFACTOR sessions.
Current SPLASHFIGHTER Sessions	Total number of current SPLASHFIGHTER sessions.
Current SSDP Sessions	Total number of current SSDP sessions.
Current STEALTHNET Sessions	Total number of current STEALTHNET sessions.
Current STUN Sessions	Total number of current STUN sessions.
Current TEAMSPEAK Sessions	Total number of current TEAMSPEAK sessions.

Field	Description
Current TOR Sessions	Total number of current TOR sessions.
Current VEOHTV Sessions	Total number of current VEOHTV sessions.
Current WII Sessions	Total number of current WII sessions.
Current WMSTREAM Sessions	Total number of current WMSTREAM sessions.
Current WOFKUNGFU Sessions	Total number of current WOFKUNGFU sessions.
Current XDCC Sessions	Total number of current XDCC sessions.
Current YOURFREEDOM Sessions	Total number of current YOURFREEDOM sessions.
Current FACEBOOK Sessions	Total number of current FACEBOOK sessions.
Current GAMEKIT Sessions	Total number of current GAMEKIT sessions.
Current FACETIME Sessions	Total number of current FACETIME sessions.
Current FACETIME Unclassified Sessions	Total number of current FACETIME unclassified sessions.
Current FACETIME Audio Sessions	Total number of current FACETIME audio sessions.
Current FACETIME Video Sessions	Total number of current FACETIME video sessions.
Current GMAIL Sessions	Total number of current GMAIL sessions.
Current ITUNES Sessions	Total number of current ITUNES sessions.
Current MYSPACE Sessions	Total number of current MYSPACE sessions.
Current TEAMVIEWER Sessions	Total number of current TEAMVIEWER sessions.
Current TWITTER Sessions	Total number of current TWITTER sessions.
Current TWITTER streaming-video Sessions	Total number of current TWITTER streaming-video sessions.
Current VIBER Sessions	Total number of current VIBER sessions.
Current VIBER Unclassified Sessions	Total number of current VIBER Unclassified sessions.
Current VIBER Audio Sessions	Total number of current VIBER Audio sessions.
Current VIBER im Sessions	Total number of current VIBER IM sessions.
Current VIBER file-transfer Sessions	Total number of current VIBER File-transfer sessions.
Current ANTSP2P Sessions	Total number of current ANTSP2P sessions.
Current IMO Sessions	Total number of current IMO sessions.
Current NETMOTION Sessions	Total number of current NETMOTION sessions.
Current OGG Sessions	Total number of current OGG sessions.

Field	Description
Current OPENVPN Sessions	Total number of current OPENVPN sessions.
Current QUICKTIME Sessions	Total number of current QUICKTIME sessions.
Current SPOTIFY Sessions	Total number of current SPOTIFY sessions.
Current TANGO Sessions	Total number of current TANGO sessions.
Current TANGO Audio Sessions	Total number of current TANGO audio sessions.
Current TANGO Video Sessions	Total number of current TANGO video sessions.
Current ULTRABAC Sessions	Total number of current ULTRABAC sessions.
Current USENET Sessions	Total number of current USENET sessions.
Current VOIPTUNNEL Sessions	Total number of current VOIPTUNNEL sessions.
Current SCYDO Sessions	Total number of current SCYDO sessions.
Current WHATSAPP Sessions	Total number of current WHATSAPP sessions.
Current WHATSAPP unclassified Sessions	Total number of current WHATSAPP unclassified sessions.
Current WHATSAPP audio Sessions	Total number of current WHATSAPP audio sessions.
Current MYPEOPLE Sessions	Total number of current MYPEOPLE sessions.
Current RDT Sessions	Total number of current RDT sessions.
Current FLASH Sessions	Total number of current FLASH sessions.
Current MOJO Sessions	Total number of current MOJO sessions.
Current PCANYWHERE Sessions	Total number of current PCANYWHERE sessions.
Current WEBEX Sessions	Total number of current WEBEX sessions.
Current NETFLIX Sessions	Total number of current NETFLIX sessions.
Current IMPLUS Sessions	Total number of current IMPLUS sessions.
Current EBUDDY Sessions	Total number of current EBUDDY sessions.
Current MSRP Sessions	Total number of current MSRP sessions.
Current FICALL Sessions	Total number of current FICALL sessions.
Current GOTOMEETING Sessions	Total number of current GOTOMEETING sessions.
Current MIG33 Sessions	Total number of current MIG33 sessions.
Current COMODOUNITE Sessions	Total number of current COMODOUNITE sessions.
Current CALLOFDUTY Sessions	Total number of current CALLOFDUTY sessions.

Field	Description
Current GOOBER Sessions	Total number of current GOOBER sessions.
Current IPLAYER Sessions	Total number of current IPLAYER sessions.
Current OPERAMINI Sessions	Total number of current OPERAMINI sessions.
Current KAKAOTALK Sessions	Total number of current KAKAOTALK sessions.
Current KAKAOTALK Audio Sessions	Total number of current KAKAOTALK audio sessions.
Current KAKAOTALK Unclassified Sessions	Total number of current KAKAOTALK unclassified sessions.
Current NATEONTALK Sessions	Total number of current NATEONTALK sessions.
Current NAVERLINE Sessions	Total number of current NAVERLINE sessions.
Current AVI Sessions	Total number of current AVI sessions.
Current GOOGLEPLAY Sessions	Total number of current GOOGLEPLAY sessions.
Current ICLOUD Sessions	Total number of current ICLOUD sessions.
Current SORIBADA Sessions	Total number of current SORIBADA sessions.
Current WECHAT Sessions	Total number of current WECHAT sessions.
Current WUALA Sessions	Total number of current WUALA sessions.
Current ACTIONVOIP Sessions	Total number of current ACTIONVOIP sessions.
Current ACTIONVOIP unclassified Sessions	Total number of current ACTIONVOIP unclassified sessions.
Current ACTIONVOIP audio Sessions	Total number of current ACTIONVOIP audio sessions.
Current AMAZONCLOUD Sessions	Total number of current AMAZONCLOUD sessions.
Current ICALL Sessions	Total number of current ICALL sessions.
Current ICALL unclassified Sessions	Total number of current ICALL unclassified sessions.
Current ICALL audio Sessions	Total number of current ICALL audio sessions.
Current ICALL video Sessions	Total number of current ICALL video sessions.
Current INSTAGRAM Sessions	Total number of current INSTAGRAM sessions.
Current JUMBLO Sessions	Total number of current JUMBLO sessions.
Current JUMBLO unclassified Sessions	Total number of current JUMBLO unclassified sessions.
Current JUMBLO audio Sessions	Total number of current JUMBLO audio sessions.
Current KUGOO Sessions	Total number of current KUGOO sessions.

Field	Description
Current MAGICJACK Sessions	Total number of current MAGICJACK sessions.
Current MAGICJACK unclassified Sessions	Total number of current MAGICJACK unclassified sessions.
Current MAGICJACK audio Sessions	Total number of current MAGICJACK audio sessions.
Current MAPI Sessions	Total number of current MAPI sessions.
Current PINTEREST Sessions	Total number of current PINTEREST sessions.
Current PLINGM Sessions	Total number of current PLINGM sessions.
Current PLINGM unclassified Sessions	Total number of current PLINGM unclassified sessions.
Current PLINGM audio Sessions	Total number of current PLINGM audio sessions.
Current RYNGA Sessions	Total number of current RYNGA sessions.
Current RYNGA unclassified Sessions	Total number of current RYNGA unclassified sessions.
Current RYNGA audio Sessions	Total number of current RYNGA audio sessions.
Current SMARTVOIP Sessions	Total number of current SMARTVOIP sessions.
Current SMARTVOIP unclassified Sessions	Total number of current SMARTVOIP unclassified sessions.
Current SMARTVOIP audio Sessions	Total number of current SMARTVOIP audio sessions.
Current SPDY Sessions	Total number of current SPDY sessions.
Current TALKATONE Sessions	Total number of current TALKATONE sessions.
Current TALKATONE unclassified Sessions	Total number of current TALKATONE unclassified sessions.
Current TALKATONE audio Sessions	Total number of current TALKATONE audio sessions.
Current VOIPDISCOUNT Sessions	Total number of current VOIPDISCOUNT sessions.
Current VOIPDISCOUNT unclassified Sessions	Total number of current VOIPDISCOUNT unclassified sessions.
Current VOIPDISCOUNT audio Sessions	Total number of current VOIPDISCOUNT audio sessions.
Current VOPIUM Sessions	Total number of current VOPIUM sessions.
Current VOPIUM unclassified Sessions	Total number of current VOPIUM unclassified sessions.
Current VOPIUM audio Sessions	Total number of current VOPIUM audio sessions.
Current BEHAVIORAL-P2P Sessions	Total number of current Behavioral-P2P sessions.
Current BEHAVIORAL-VOIP Sessions	Total number of current Behavioral-VoIP sessions.
Current BEHAVIORAL-UPLOAD Sessions	Total number of current Behavioral-upload sessions.

Field	Description
Current BEHAVIORAL-DOWNLOAD Sessions	Total number of current Behavioral-download sessions.
Current IMESSAGE Sessions	Total number of current IMESSAGE sessions.
Current LINKEDIN Sessions	Total number of current LINKEDIN sessions.
Current GOOGLE Sessions	Total number of current GOOGLE sessions.
Current POCO Sessions	Total number of current POCO sessions.
Current ULTRASURF Sessions	Total number of current ULTRASURF sessions.
Current SNAPCHAT Sessions	Total number of current SNAPCHAT sessions.
Current TRUECALLER Sessions	Total number of current TRUECALLER sessions.
Current CYBERGHOST Sessions	Total number of current CYBERGHOST sessions.
Current GOOGLEPLUS Sessions	Total number of current GOOGLEPLUS sessions.
Current ADOBECONNECT Sessions	Total number of current ADOBECONNECT sessions.
Current USTREAM Sessions	Total number of current USTREAM sessions.
Current SIRI Sessions	Total number of current SIRI sessions.
Current SOFTETHER Sessions	Total number of current SOFTETHER sessions.
Current SUDAPHONE Sessions	Total number of current SUDAPHONE sessions.
Current SVTPLAY Sessions	Total number of current SVTPLAY sessions.
Current HYVES Sessions	Total number of current HYVES sessions.
Current SILVERLIGHT Sessions	Total number of current SILVERLIGHT sessions.
Current BLACKDIALER Sessions	Total number of current BLACKDIALER sessions.
Current BLACKDIALER Unclassified Sessions	Total number of current BLACKDIALER unclassified sessions.
Current BLACKDIALER Audio Sessions	Total number of current BLACKDIALER audio sessions.
Important The following statistics are supported from ADC plugin 1.5 and later releases.	
Current RODI Sessions	Total number of current RODI sessions.
Current SKYDRIVE Sessions	Total number of current SKYDRIVE sessions.
Current VTOK Sessions	Total number of current VTOK sessions.
Current VTOK Unclassified Sessions	Total number of current VTOK unclassified sessions.

Field	Description
Current VTOK Audio Sessions	Total number of current VTOK audio sessions.
Current VTOK Video Sessions	Total number of current VTOK video sessions.
Current FLICKR Sessions	Total number of current FLICKR sessions.
Current KURO Sessions	Total number of current KURO sessions.
Current DROPBOX Sessions	Total number of current DROPBOX sessions.
Current HEYTELL Sessions	Total number of current HEYTELL sessions.
Current BITCASA Sessions	Total number of current BITCASA sessions.
Current CLUBBOX Sessions	Total number of current CLUBBOX sessions.
Current TUMBLR Sessions	Total number of current TUMBLR sessions.
Current YOUTUBE Sessions	Total number of current YOUTUBE sessions.
Current VOXER Sessions	Total number of current VOXER sessions.
Current HOTSPOTVPN Sessions	Total number of current HOTSPOT VPN sessions.
Current BAIDUMOVIE Sessions	Total number of current BAIDU MOVIE sessions.
Current APPLEMAPS Sessions	Total number of current APPLEMAPS sessions.
Current BADOO Sessions	Total number of current BADOO sessions.
Current FACEBOOK UNCLASSIFIED Sessions	Total number of current FACEBOOK UNCLASSIFIED sessions.
Current FACEBOOK AUDIO Sessions	Total number of current FACEBOOK AUDIO sessions.
Current FACEBOOK streaming-video Sessions	Total number of current FACEBOOK streaming-video sessions.
Current FOURSQUARE Sessions	Total number of current FOURSQUARE sessions.
Current JAP Sessions	Total number of current JAP sessions.
Current MONKEY3 Sessions	Total number of current MONKEY3 sessions.
Current OUTLOOK Sessions	Total number of current OUTLOOK sessions.
Current VINE Sessions	Total number of current VINE sessions.
Current YAHOOMAIL Sessions	Total number of current YAHOOMAIL sessions.
Current BBM Sessions	Total number of current BBM sessions.
Current BBM UNCLASSIFIED Sessions	Total number of current BBM UNCLASSIFIED sessions.
Current BBM AUDIO Sessions	Total number of current BBM AUDIO sessions.

Field	Description
Current BOX Sessions	Total number of current BOX sessions.
Current CHIKKA Sessions	Total number of current CHIKKA sessions.
Current IMGUR Sessions	Total number of current IMGUR sessions.
Current OIST Sessions	Total number of current OIST sessions.
Current REGRAM Sessions	Total number of current REGRAM sessions.
Current VCHAT Sessions	Total number of current VCHAT sessions.
Current bittorent-sync Sessions	Total number of current Bittorrent Sync sessions.
Current cisco-jabber unclassified Sessions	Total number of current Cisco Jabber Unclassified sessions.
Current cisco-jabber audio Sessions	Total number of current Cisco Jabber Audio sessions.
Current cisco-jabber video Sessions	Total number of current Cisco Jabber Video sessions.
Current hls Sessions	Total number of current HLS sessions.
Current lync Sessions	Total number of current Lync sessions.
Current lync unclassified Sessions	Total number of current Lync Unclassified sessions.
Current lync audio Sessions	Total number of current Lync Audio sessions.
Current lync auvideo Sessions	Total number of current Lync Video sessions.
Current lync file-transfer Sessions	Total number of current Lync File-transfer sessions.
Current path Sessions	Total number of current Path sessions.
Current waze Sessions	Total number of current Waze sessions.
Current youku Sessions	Total number of current Youku sessions.
Current behavioral-video Sessions	Total number of current Behavioral video sessions.
Current apple-store Sessions	Total number of current apple-store sessions.
Current blackberry-store Sessions	Total number of current blackberry-store sessions.
Current hulu Sessions	Total number of current hulu sessions.
Current igo Sessions	Total number of current igo sessions.
Current mapfactor Sessions	Total number of current mapfactor sessions.
Current mozy Sessions	Total number of current mozy sessions.
Current navigon Sessions	Total number of current navigon sessions.
Current nokia-store Sessions	Total number of current nokia-store sessions.

Field	Description
Current opendrive Sessions	Total number of current opendrive sessions.
Current samsung-store Sessions	Total number of current samsung-store sessions.
Current weibo Sessions	Total number of current weibo sessions.
Current windows-azure Sessions	Total number of current windows-azure sessions.
Current windows-store Sessions	Total number of current windows-store sessions.
Current windows-store Sessions	Total number of current windows-store sessions.
Current apple-push Sessions	Total number of current apple-push sessions.
Current didi Sessions	Total number of current didi sessions.
Current friendster Sessions	Total number of current friendster sessions.
Current google-music Sessions	Total number of current google-music sessions.
Current google-push Sessions	Total number of current google-push sessions.
Current hike-messenger Sessions	Total number of current hike-messenger sessions.
Current idrive Sessions	Total number of current idrive sessions.
Current kik-messenger Sessions	Total number of current kik-messenger sessions.
Current tagged Sessions	Total number of current tagged sessions.
Current telegram Sessions	Total number of current telegram sessions.
Current xing Sessions	Total number of current xing sessions.
Current rhapsody Sessions	Total number of current rhapsody sessions.
Current speedtest Sessions	Total number of current speedtest sessions.
Current twitch Sessions	Total number of current twitch sessions.
Current hbogo Sessions	Total number of current hbogo sessions.
Current iheartradio Sessions	Total number of current iheartradio sessions.
Current iheartradio unclassified Sessions	Total number of current iheartradio unclassified sessions.
Current iheartradio ads Sessions	Total number of current iheartradio ads sessions.
Current slacker-radio Sessions	Total number of current slacker-radio sessions.
Current slacker-radio unclassified Sessions	Total number of current slacker-radio unclassified sessions.
Current slacker-radio ads Sessions	Total number of current slacker-radio ads sessions.
Current upc-phone Sessions	Total number of current upc-phone sessions.

Field	Description
Current upc-phone unclassified Sessions	Total number of current upc-phone unclassified sessions.
Current upc-phone audio Sessions	Total number of current upc-phone audio sessions.
Current radio-paradise audio Sessions	Total number of current radio-paradise audio sessions.
Current beatport Sessions	Total number of current beatport sessions.
Current soundcloud Sessions	Total number of current soundcloud sessions.
Current amazonmusic Sessions	Total number of current amazonmusic sessions.
Current ssl Sessions	Total number of current ssl sessions.
Current slingtv Sessions	Total number of current slingtv sessions.
Current vessel Sessions	Total number of current vessel sessions.
Current vudu Sessions	Total number of current vudu sessions.
Current go90 Sessions	Total number of current go90 sessions.
Current Espn Sessions	Total number of current espn sessions.
Current Hbonow Sessions	Total number of current hbonow sessions.
Current Crackle Sessions	Total number of current crackle sessions.

show active-charging sessions summary type p2p

Table 87: show active-charging sessions summary type p2p Command Output Descriptions

Field	Description
Total Active Charging Sessions	The total number of active charging sessions.
Uplink Bytes	Total bytes uploaded.
Downlink Bytes	Total bytes downloaded.
Uplink Packets	Total packets uploaded.
Downlink Packets	Total packets downloaded.
Current IP Sessions	Total number of current IP sessions.
Current ICMP Sessions	Total number of current ICMP sessions.
Current IPv6 Sessions	Total number of current IPv6 sessions.
Current ICMPv6 Sessions	Total number of current ICMPv6 sessions.

Field	Description
Current TCP Sessions	Total number of current TCP sessions.
Current UDP Sessions	Total number of current UDP sessions.
Current HTTP Sessions	Total number of current HTTP sessions.
Current HTTPS Sessions	Total number of current HTTPS sessions.
Current FTP Sessions	Total number of current FTP sessions.
Current POP3 Sessions	Total number of current POP3 sessions.
Current SMTP Sessions	Total number of current SMTP sessions.
Current SIP Sessions	Total number of current SIP sessions.
Current RTSP Sessions	Total number of current RTSP sessions.
Current RTP Sessions	Total number of current RTP sessions.
Current RTCP Sessions	Total number of current RTCP sessions.
Current IMAP Sessions	Total number of current IMAP sessions.
Current WSP-CO Sessions	Total number of current WSP-CO sessions.
Current WSP-CL Sessions	Total number of current WSP-CL sessions.
Current MMS Sessions	Total number of current MMS sessions.
Current DNS Sessions	Total number of current DNS sessions.
Current PPTP Sessions	Total number of current PPTP sessions.
Current PPTP-GRE Sessions	Total number of current PPTP-GRE sessions.
Current P2P Sessions	Total number of current P2P sessions.
Current H323 Sessions	Total number of current H323 sessions.
Current TFTP Sessions	Total number of current TFTP sessions.
Current UNKNOWN Sessions	Total number of current UNKNOWN sessions.
Current SKYPE Sessions	Total number of current SKYPE sessions.
Current YAHOO Sessions	Total number of current YAHOO sessions.
Important The following voice/non-voice counters are available only for 10.0 and earlier releases.	
Current SKYPE voice Sessions	Total number of current SKYPE voice sessions.
Current YAHOO voice Sessions	Total number of current YAHOO voice sessions.

Field	Description
Current SKYPE non-voice Sessions	Total number of current SKYPE non-voice sessions.
Current YAHOO non-voice Sessions	Total number of current YAHOO non-voice sessions.
Important The following audio/non-audio counters are available only for 11.0 and later releases.	
Current SKYPE Audio Sessions	Total number of current SKYPE audio sessions.
Current YAHOO Audio Sessions	Total number of current YAHOO audio sessions.
Important The following audio/non-audio counters are available only for release 11.0.	
Current SKYPE non-audio Sessions	Total number of current SKYPE non-audio sessions.
Current YAHOO non-audio Sessions	Total number of current YAHOO non-audio sessions.
Important The following counters are available only for 12.0 and later releases.	
Current SKYPE Video Sessions	Total number of current SKYPE Video sessions.
Current YAHOO Video Sessions	Total number of current YAHOO Video sessions.
Current SKYPE Unclassified Sessions	Total number of current SKYPE Unclassified sessions.
Current SKYPE Voipout Sessions	Total number of current SKYPE Voipout sessions.
Current EDONKEY Sessions	Total number of current EDONKEY sessions.
Current ORB Sessions	Total number of current ORB sessions.
Current MSN Sessions	Total number of current MSN sessions.
Current GNUTELLA Sessions	Total number of current GNUTELLA sessions.
Important The following counter is available only for 10.0 and earlier releases.	
Current MSN voice Sessions	Total number of current MSN voice sessions.
Important The following counter is available only for 11.0 and later releases.	
Current MSN audio Sessions	Total number of current MSN audio sessions.
Current BITTORRENT Sessions	Total number of current BITTORRENT sessions.
Important The following counter is available only for 10.0 and earlier releases.	

Field	Description
Current MSN non-voice Sessions	Total number of current MSN non-voice sessions.
Important The following counter is available only for release 11.0.	
Current MSN non-audio Sessions	Total number of current MSN non-audio sessions.
Current MSN Video Sessions	Total number of current MSN video sessions.
Current MSN Unclassified Sessions	Total number of current MSN unclassified sessions.
Current SLINGBOX Sessions	Total number of current SLINGBOX sessions.
Current JABBER Sessions	Total number of current JABBER sessions.
Current WINNY Sessions	Total number of current WINNY sessions.
Current MANOLITO Sessions	Total number of current MANOLITO sessions.
Current PANDO Sessions	Total number of current PANDO sessions.
Current FILETOPIA Sessions	Total number of current FILETOPIA sessions.
Current SOULSEEK Sessions	Total number of current SOULSEEK sessions.
Current PPSTREAM Sessions	Total number of current PPSTREAM sessions.
Current QQ Sessions	Total number of current QQ sessions.
Current QQ Audio Sessions	Total number of current QQ audio sessions.
Current QQ Video Sessions	Total number of current QQ video sessions.
Current QQLIVE Sessions	Total number of current QQLIVE sessions.
Current IMESH Sessions	Total number of current IMESH sessions.
Current MUTE Sessions	Total number of current MUTE sessions.
Current PPLIVE Sessions	Total number of current PPLIVE sessions.
Current GADUGADU Sessions	Total number of current GADUGADU sessions.
Current FEIDIAN Sessions	Total number of current FEIDIAN sessions.
Current APPLEJUICE Sessions	Total number of current APPLEJUICE sessions.
Current FASTTRACK Sessions	Total number of current FASTTRACK sessions.
Current ZATTOO Sessions	Total number of current ZATTOO sessions.
Current SKINNY Sessions	Total number of current SKINNY sessions.
Current SOPCAST Sessions	Total number of current SOPCAST sessions.

Field	Description
Current DIRECTCONNECT Sessions	Total number of current DIRECTCONNECT sessions.
Current ARES Sessions	Total number of current ARES sessions.
Current OSCAR Sessions	Total number of current OSCAR sessions.
Important The following voice/non-voice counters are available only for 10.0 and earlier releases.	
Current OSCAR voice Sessions	Total number of current OSCAR voice sessions.
Current OSCAR non-voice Sessions	Total number of current OSCAR non-voice sessions.
Important The following audio/non-audio counters are available only for release 11.0 and later releases.	
Current OSCAR Audio Sessions	Total number of current OSCAR audio sessions.
Current OSCAR Video Sessions	Total number of current OSCAR video sessions.
Current POPO Sessions	Total number of current POPO sessions.
Current IRC Sessions	Total number of current IRC sessions.
Current STEAM Sessions	Total number of current STEAM sessions.
Current DDLINK Sessions	Total number of current DDLINK sessions.
Current HALFLIFE2 Sessions	Total number of current HALFLIFE2 sessions.
Current HAMACHIVPN Sessions	Total number of current HAMACHIVPN sessions.
Current TVANTS Sessions	Total number of current TVANTS sessions.
Current TVUPLAYER Sessions	Total number of current TVUPLAYER sessions.
Current UUSEE Sessions	Total number of current UUSEE sessions.
Current VPNX Sessions	Total number of current VPNX sessions.
Current VTUN Sessions	Total number of current VTUN sessions.
Current WINMX Sessions	Total number of current WINMX sessions.
Current WOFWARCRAFT Sessions	Total number of current WOFWARCRAFT sessions.
Current XBOX Sessions	Total number of current XBOX sessions.
Current ISKOOT Sessions	Total number of current ISKOOT sessions.
Current FRING Sessions	Total number of current FRING sessions.
Current GTALK Sessions	Total number of current GTALK sessions.

Field	Description
Important The following voice/non-voice counters are available only for 10.0 and earlier releases.	
Current GTALK voice Sessions	Total number of current GTALK voice sessions.
Current GTALK non-voice Sessions	Total number of current GTALK non-voice sessions.
Important The following audio/non-audio counters are available only for 11.0 and later releases.	
Current GTALK Audio Sessions	Total number of current GTALK Audio sessions.
Current GTALK Video Sessions	Total number of current GTALK video sessions.
Current OOVOO Sessions	Total number of current OOVOO sessions.
Current FREENET Sessions	Total number of current FREENET sessions.
Current AIMINI Sessions	Total number of current AIMINI sessions.
Current BATTLEFIELD Sessions	Total number of current BATTLEFIELD sessions.
Current OPENFT Sessions	Total number of current OPENFT sessions.
Current QQGAME Sessions	Total number of current QQGAME sessions.
Current QUAKE Sessions	Total number of current QUAKE sessions.
Current SECONDLIFE Sessions	Total number of current SECONDLIFE sessions.
Current ACTIVESYNC Sessions	Total number of current ACTIVESYNC sessions.
Current NIMBUZZ Sessions	Total number of current NIMBUZZ sessions.
Current IAX Sessions	Total number of current IAX sessions.
Current PALTALK Sessions	Total number of current PALTALK sessions.
Current WARCRAFT3 Sessions	Total number of current WARCRAFT3 sessions.
Current IPTV Sessions	Total number of current IPTV sessions.
Current RDP Sessions	Total number of current RDP sessions.
Current PANDORA Sessions	Total number of current PANDORA sessions.
Current PANDORA unclassified Sessions	Total number of current PANDORA unclassified sessions.
Current PANDORA ads Sessions	Total number of current PANDORA ads sessions.
Current ICECAST Sessions	Total number of current ICECAST sessions.
Current KONTIKI Sessions	Total number of current KONTIKI sessions.

Field	Description
Current MEEBO Sessions	Total number of current MEEBO sessions.
Current SHOUTCAST Sessions	Total number of current SHOUTCAST sessions.
Current TRUPHONE Sessions	Total number of current TRUPHONE sessions.
Current THUNDER Sessions	Total number of current THUNDER sessions.
Current ARMAGETTRON Sessions	Total number of current ARMAGETTRON sessions.
Current BLACKBERRY Sessions	Total number of current BLACKBERRY sessions.
Current CITRIX Sessions	Total number of current CITRIX sessions.
Current CLUBPENGUIN Sessions	Total number of current CLUBPENGUIN sessions.
Current CROSSFIRE Sessions	Total number of current CROSSFIRE sessions.
Current DOFUS Sessions	Total number of current DOFUS sessions.
Current FIESTA Sessions	Total number of current FIESTA sessions.
Current FLORENSIA Sessions	Total number of current FLORENSIA sessions.
Current FUNSHION Sessions	Total number of current FUNSHION sessions.
Current GUILDWARS Sessions	Total number of current GUILDWARS sessions.
Current ISAKMP Sessions	Total number of current ISAKMP sessions.
Current MAPLESTORY Sessions	Total number of current MAPLESTORY sessions.
Current MGCP Sessions	Total number of current MGCP sessions.
Current OCTOSHAPE Sessions	Total number of current OCTOSHAPE sessions.
Current OFF Sessions	Total number of current OFF sessions.
Current PS3 Sessions	Total number of current PS3 sessions.
Current RMSTREAM Sessions	Total number of current RMSTREAM sessions.
Current RFACTOR Sessions	Total number of current RFACTOR sessions.
Current SPLASHFIGHTER Sessions	Total number of current SPLASHFIGHTER sessions.
Current SSDP Sessions	Total number of current SSDP sessions.
Current STEALTHNET Sessions	Total number of current STEALTHNET sessions.
Current STUN Sessions	Total number of current STUN sessions.
Current TEAMSPEAK Sessions	Total number of current TEAMSPEAK sessions.
Current TOR Sessions	Total number of current TOR sessions.

Field	Description
Current VEOHTV Sessions	Total number of current VEOHTV sessions.
Current WII Sessions	Total number of current WII sessions.
Current WMSTREAM Sessions	Total number of current WMSTREAM sessions.
Current WOFKUNGFU Sessions	Total number of current WOFKUNGFU sessions.
Current XDCC Sessions	Total number of current XDCC sessions.
Current YOURFREEDOM Sessions	Total number of current YOURFREEDOM sessions.
Current FACEBOOK Sessions	Total number of current FACEBOOK sessions.
Current GAMEKIT Sessions	Total number of current GAMEKIT sessions.
Current FACETIME Sessions	Total number of current FACETIME sessions.
Current FACETIME Unclassified Sessions	Total number of current FACETIME unclassified sessions.
Current FACETIME Audio Sessions	Total number of current FACETIME audio sessions.
Current FACETIME Video Sessions	Total number of current FACETIME video sessions.
Current GMAIL Sessions	Total number of current GMAIL sessions.
Current ITUNES Sessions	Total number of current ITUNES sessions.
Current MYSPACE Sessions	Total number of current MYSPACE sessions.
Current TEAMVIEWER Sessions	Total number of current TEAMVIEWER sessions.
Current TWITTER Sessions	Total number of current TWITTER sessions.
Current TWITTER streaming-video Sessions	Total number of current TWITTER streaming-video sessions.
Current VIBER Sessions	Total number of current VIBER sessions.
Current VIBER Unclassified Sessions	Total number of current VIBER Unclassified sessions.
Current VIBER Audio Sessions	Total number of current VIBER Audio sessions.
Current VIBER im Sessions	Total number of current VIBER IM sessions.
Current VIBER file-transfer Sessions	Total number of current VIBER File-transfer sessions.
Current ANTSP2P Sessions	Total number of current ANTSP2P sessions.
Current IMO Sessions	Total number of current IMO sessions.
Current NETMOTION Sessions	Total number of current NETMOTION sessions.
Current OGG Sessions	Total number of current OGG sessions.
Current OPENVPN Sessions	Total number of current OPENVPN sessions.

Field	Description
Current QUICKTIME Sessions	Total number of current QUICKTIME sessions.
Current SPOTIFY Sessions	Total number of current SPOTIFY sessions.
Current TANGO Sessions	Total number of current TANGO sessions.
Current ULTRABAC Sessions	Total number of current ULTRABAC sessions.
Current USENET Sessions	Total number of current USENET sessions.
Current VOIPTUNNEL Sessions	Total number of current VOIPTUNNEL sessions.
Current SCYDO Sessions	Total number of current SCYDO sessions.
Current WHATSAPP Sessions	Total number of current WHATSAPP sessions.
Current WHATSAPP unclassified Sessions	Total number of current WHATSAPP unclassified sessions.
Current WHATSAPP audio Sessions	Total number of current WHATSAPP audio sessions.
Current MYPEOPLE Sessions	Total number of current MYPEOPLE sessions.
Current RDT Sessions	Total number of current RDT sessions.
Current FLASH Sessions	Total number of current FLASH sessions.
Current MOJO Sessions	Total number of current MOJO sessions.
Current PCANYWHERE Sessions	Total number of current PCANYWHERE sessions.
Current WEBEX Sessions	Total number of current WEBEX sessions.
Current NETFLIX Sessions	Total number of current NETFLIX sessions.
Current IMPLUS Sessions	Total number of current IMPLUS sessions.
Current EBUDDY Sessions	Total number of current EBUDDY sessions.
Current MSRP Sessions	Total number of current MSRP sessions.
Current FICALL Sessions	Total number of current FICALL sessions.
Current GOTOMEETING Sessions	Total number of current GOTOMEETING sessions.
Current MIG33 Sessions	Total number of current MIG33 sessions.
Current COMODOUNITE Sessions	Total number of current COMODOUNITE sessions.
Current GOOBER Sessions	Total number of current GOOBER sessions.
Current IPLAYER Sessions	Total number of current IPLAYER sessions.
Current OPERAMINI Sessions	Total number of current OPERAMINI sessions.
Current KAKAOTALK Sessions	Total number of current KAKAOTALK sessions.

Field	Description
Current KAKAOTALK Audio Sessions	Total number of current KAKAOTALK audio sessions.
Current KAKAOTALK Unclassified Sessions	Total number of current KAKAOTALK unclassified sessions.
Current NATEONTALK Sessions	Total number of current NATEONTALK sessions.
Current NAVERLINE Sessions	Total number of current NAVERLINE sessions.
Current AVI Sessions	Total number of current AVI sessions.
Current GOOGLEPLAY Sessions	Total number of current GOOGLEPLAY sessions.
Current ICLOUD Sessions	Total number of current ICLOUD sessions.
Current SORIBADA Sessions	Total number of current SORIBADA sessions.
Current WECHAT Sessions	Total number of current WECHAT sessions.
Current WUALA Sessions	Total number of current WUALA sessions.
Current ACTIONVOIP Sessions	Total number of current ACTIONVOIP sessions.
Current ACTIONVOIP unclassified Sessions	Total number of current ACTIONVOIP unclassified sessions.
Current ACTIONVOIP audio Sessions	Total number of current ACTIONVOIP audio sessions.
Current AMAZONCLOUD Sessions	Total number of current AMAZONCLOUD sessions.
Current ICALL Sessions	Total number of current ICALL sessions.
Current ICALL unclassified Sessions	Total number of current ICALL unclassified sessions.
Current ICALL audio Sessions	Total number of current ICALL audio sessions.
Current ICALL video Sessions	Total number of current ICALL video sessions.
Current INSTAGRAM Sessions	Total number of current INSTAGRAM sessions.
Current JUMBLO Sessions	Total number of current JUMBLO sessions.
Current JUMBLO unclassified Sessions	Total number of current JUMBLO unclassified sessions.
Current JUMBLO audio Sessions	Total number of current JUMBLO audio sessions.
Current KUGOO Sessions	Total number of current KUGOO sessions.
Current MAGICJACK Sessions	Total number of current MAGICJACK sessions.
Current MAGICJACK unclassified Sessions	Total number of current MAGICJACK unclassified sessions.
Current MAGICJACK audio Sessions	Total number of current MAGICJACK audio sessions.
Current MAPI Sessions	Total number of current MAPI sessions.

Field	Description
Current PINTEREST Sessions	Total number of current PINTEREST sessions.
Current PLINGM Sessions	Total number of current PLINGM sessions.
Current PLINGM unclassified Sessions	Total number of current PLINGM unclassified sessions.
Current PLINGM audio Sessions	Total number of current PLINGM audio sessions.
Current RYNGA Sessions	Total number of current RYNGA sessions.
Current RYNGA unclassified Sessions	Total number of current RYNGA unclassified sessions.
Current RYNGA audio Sessions	Total number of current RYNGA audio sessions.
Current SMARTVOIP Sessions	Total number of current SMARTVOIP sessions.
Current SMARTVOIP unclassified Sessions	Total number of current SMARTVOIP unclassified sessions.
Current SMARTVOIP audio Sessions	Total number of current SMARTVOIP audio sessions.
Current SPDY Sessions	Total number of current SPDY sessions.
Current TALKATONE Sessions	Total number of current TALKATONE sessions.
Current TALKATONE unclassified Sessions	Total number of current TALKATONE unclassified sessions.
Current TALKATONE audio Sessions	Total number of current TALKATONE audio sessions.
Current VOIPDISCOUNT Sessions	Total number of current VOIPDISCOUNT sessions.
Current VOIPDISCOUNT unclassified Sessions	Total number of current VOIPDISCOUNT unclassified sessions.
Current VOIPDISCOUNT audio Sessions	Total number of current VOIPDISCOUNT audio sessions.
Current VOPIUM Sessions	Total number of current VOPIUM sessions.
Current VOPIUM unclassified Sessions	Total number of current VOPIUM unclassified sessions.
Current VOPIUM audio Sessions	Total number of current VOPIUM audio sessions.
Current BEHAVIORAL-P2P Sessions	Total number of current Behavioral-P2P sessions.
Current BEHAVIORAL-VOIP Sessions	Total number of current Behavioral-VoIP sessions.
Current BEHAVIORAL-UPLOAD Sessions	Total number of current Behavioral-upload sessions.
Current BEHAVIORAL-DOWNLOAD Sessions	Total number of current Behavioral-download sessions.
Current IMESSAGE Sessions	Total number of current IMESSAGE sessions.
Current LINKEDIN Sessions	Total number of current LINKEDIN sessions.
Current GOOGLE Sessions	Total number of current GOOGLE sessions.

Field	Description
Current POCO Sessions	Total number of current POCO sessions.
Current ULTRASURF Sessions	Total number of current ULTRASURF sessions.
Current SNAPCHAT Sessions	Total number of current SNAPCHAT sessions.
Current TRUECALLER Sessions	Total number of current TRUECALLER sessions.
Current CYBERGHOST Sessions	Total number of current CYBERGHOST sessions.
Current GOOGLEPLUS Sessions	Total number of current GOOGLEPLUS sessions.
Current ADOBECONNECT Sessions	Total number of current ADOBECONNECT sessions.
Current USTREAM Sessions	Total number of current USTREAM sessions.
Current SIRI Sessions	Total number of current SIRI sessions.
Current SOFTETHER Sessions	Total number of current SOFTETHER sessions.
Current SUDAPHONE Sessions	Total number of current SUDAPHONE sessions.
Current SVTPLAY Sessions	Total number of current SVTPLAY sessions.
Current HYVES Sessions	Total number of current HYVES sessions.
Current SILVERLIGHT Sessions	Total number of current SILVERLIGHT sessions.
Current BLACKDIALER Sessions	Total number of current BLACKDIALER sessions.
Current APPLEMAPS Sessions	Total number of current APPLEMAPS sessions.
Current BADOO Sessions	Total number of current BADOO sessions.
Current FACEBOOK UNCLASSIFIED Sessions	Total number of current FACEBOOK UNCLASSIFIED sessions.
Current FACEBOOK AUDIO Sessions	Total number of current FACEBOOK AUDIO sessions.
Current FACEBOOK streaming-video Sessions	Total number of current FACEBOOK streaming-video sessions.
Current FOURSQUARE Sessions	Total number of current FOURSQUARE sessions.
Current JAP Sessions	Total number of current JAP sessions.
Current MONKEY3 Sessions	Total number of current MONKEY3 sessions.
Current OUTLOOK Sessions	Total number of current OUTLOOK sessions.
Current VINE Sessions	Total number of current VINE sessions.
Current YAHOOMAIL Sessions	Total number of current YAHOOMAIL sessions.
Current BBM Sessions	Total number of current BBM sessions.

Field	Description
Current BBM UNCLASSIFIED Sessions	Total number of current BBM UNCLASSIFIED sessions.
Current BBM AUDIO Sessions	Total number of current BBM AUDIO sessions.
Current BOX Sessions	Total number of current BOX sessions.
Current CHIKKA Sessions	Total number of current CHIKKA sessions.
Current IMGUR Sessions	Total number of current IMGUR sessions.
Current OIST Sessions	Total number of current OIST sessions.
Current REGRAM Sessions	Total number of current REGRAM sessions.
Current VCHAT Sessions	Total number of current VCHAT sessions.
Current bittorent-sync Sessions	Total number of current Bittorrent Sync sessions.
Current cisco-jabber unclassified Sessions	Total number of current Cisco Jabber Unclassified sessions.
Current cisco-jabber audio Sessions	Total number of current Cisco Jabber Audio sessions.
Current cisco-jabber video Sessions	Total number of current Cisco Jabber Video sessions.
Current hls Sessions	Total number of current HLS sessions.
Current lync Sessions	Total number of current Lync sessions.
Current lync unclassified Sessions	Total number of current Lync Unclassified sessions.
Current lync audio Sessions	Total number of current Lync Audio sessions.
Current lync auvideo Sessions	Total number of current Lync Video sessions.
Current lync file-transfer Sessions	Total number of current Lync File-transfer sessions.
Current path Sessions	Total number of current Path sessions.
Current waze Sessions	Total number of current Waze sessions.
Current youku Sessions	Total number of current Youku sessions.
Current behavioral-video Sessions	Total number of current Behavioral video sessions.
Current apple-store Sessions	Total number of current apple-store sessions.
Current blackberry-store Sessions	Total number of current blackberry-store sessions.
Current hulu Sessions	Total number of current hulu sessions.
Current igo Sessions	Total number of current igo sessions.
Current mapfactor Sessions	Total number of current mapfactor sessions.
Current mozy Sessions	Total number of current mozy sessions.

Field	Description
Current navigon Sessions	Total number of current navigon sessions.
Current nokia-store Sessions	Total number of current nokia-store sessions.
Current opendrive Sessions	Total number of current opendrive sessions.
Current samsung-store Sessions	Total number of current samsung-store sessions.
Current weibo Sessions	Total number of current weibo sessions.
Current windows-azure Sessions	Total number of current windows-azure sessions.
Current windows-store Sessions	Total number of current windows-store sessions.
Current apple-push Sessions	Total number of current apple-push sessions.
Current didi Sessions	Total number of current didi sessions.
Current friendster Sessions	Total number of current friendster sessions.
Current google-music Sessions	Total number of current google-music sessions.
Current google-push Sessions	Total number of current google-push sessions.
Current hike-messenger Sessions	Total number of current hike-messenger sessions.
Current idrive Sessions	Total number of current idrive sessions.
Current kik-messenger Sessions	Total number of current kik-messenger sessions.
Current tagged Sessions	Total number of current tagged sessions.
Current telegram Sessions	Total number of current telegram sessions.
Current xing Sessions	Total number of current xing sessions.
Current rhapsody Sessions	Total number of current rhapsody sessions.
Current speedtest Sessions	Total number of current speedtest sessions.
Current twitch Sessions	Total number of current twitch sessions.
Current hbogo Sessions	Total number of current hbogo sessions.
Current iheartradio Sessions	Total number of current iheartradio sessions.
Current iheartradio unclassified Sessions	Total number of current iheartradio unclassified sessions.
Current iheartradio ads Sessions	Total number of current iheartradio ads sessions.
Current slacker-radio Sessions	Total number of current slacker-radio sessions.
Current slacker-radio unclassified Sessions	Total number of current slacker-radio unclassified sessions.
Current slacker-radio ads Sessions	Total number of current slacker-radio ads sessions.

Field	Description
Current upc-phone Sessions	Total number of current upc-phone sessions.
Current upc-phone unclassified Sessions	Total number of current upc-phone unclassified sessions.
Current upc-phone audio Sessions	Total number of current upc-phone audio sessions.
Current radio-paradise Sessions	Total number of current radio-paradise sessions.
Current beatport Sessions	Total number of current beatport sessions.
Current soundcloud Sessions	Total number of current soundcloud sessions.
Current amazonmusic Sessions	Total number of current amazonmusic sessions.
Current ssl Sessions	Total number of current ssl sessions.
Current slingtv Sessions	Total number of current slingtv sessions.
Current vessel Sessions	Total number of current vessel sessions.
Current Vudu Sessions	Total number of current vudu sessions.
Current go90 Sessions	Total number of current go90 sessions.
Current Espn Sessions	Total number of current espn sessions.
Current Hbonow Sessions	Total number of current hbonow sessions.
Current Crackle Sessions	Total number of current crackle sessions.

show active-charging subscribers full all

Table 88: show active-charging subscribers full all Command Output Descriptions

Field	Description
Callid	The unique call identifier value.
ACSMgr Card/Cpu	Total number of ACS Manager Card/CPU.
Active Charging Service name	Name of the Active Charging Service.
Active Charging Service Scheme name	Name of the Active Charging service-scheme selected for the particular subscriber.
ACSMgr Instance	Total instances of ACS Manager.
Number of Sub sessions	Total number of sub-sessions.
Data Sessions Active	Total number of active data sessions.
Dynamic Routes created	Total number of dynamic routes created.

Field	Description
Uplink Bytes	Total number of uplink bytes.
Downlink Bytes	Total number of downlink bytes.
Uplink Packets	Total number of uplink packets.
Downlink Packets	Total number of downlink packets.
Accel Packets	Total number of accelerated packets.
FastPath Packets	Total number of data packets processed in fastpath.
Total NRSPCA Requests	Total number of Network Requested Secondary PDP Context Activation (NRSPCA) Requests.
NRSPCA Req. Succeeded	Total number of NRSPCA requests succeeded.
NRSPCA Req. Failed	Total number of NRSPCA requests failed.
Total NRUPC Requests	Total number of Network Requested Update PDP Context (NRUPC) requests.
NRUPC Req. Succeeded	Total number of NRUPC requests succeeded.
NRUPC Req. Failed	Total number of NRUPC requests failed.
Pending NRSPCA Requests	Total number of pending NRSPCA requests.
Pending NRUPC Requests	Total number of pending NRUPC requests.
Total Bound Dynamic Rules	Total number of bound dynamic rules.
Total Bound Predef. Rules	Total number of bound predefined rules.
Data Sessions moved	Total number of data sessions moved.
Bearers Terminated for no rules	Total number of bearers terminated for no rules.
Failed Rulebase Install (unknown bearer-id)	Total number of failed Rulebase installation with failure code —Unknown Bearer ID.
Failed Rule Install (unknown bearer-id)	Total number of failed Rule installation with failure code —Unknown Bearer ID.
TCP Proxy:	
TCP Proxy Flows Requests	Total number of TCP Proxy flow requests.
TCP Proxy Flows Request Success	Total number of successful TCP Proxy flow requests.
Disable TCP Proxy Flows Requests	Total number of TCP Proxy flow requests disabled.
Disable TCP Proxy Flows Success	Total number of successful TCP Proxy flow requests disabled.
Current TCP Proxy Flows	Total number of current TCP Proxy flows for the session.

Field	Description
Total TCP Proxy Flows	Total number of TCP Proxy flows for the session.
TCP-proxy reset for non-SYN flows	Total number of resets sent by TCP Proxy for flows with no SYN packet after recovery.
Current Flows:	
Current IP Flows	Total number of current IP flows.
Current ICMP Flows	Total number of current ICMP flows.
Current IPv6 Flows	Total number of current IPv6 flows.
Current ICMPv6 Flows	Total number of current ICMPv6 flows.
Current TCP Flows	Total number of current TCP flows.
Current UDP Flows	Total number of current UDP flows.
Current HTTP Flows	Total number of current HTTP flows.
Current HTTPS Flows	Total number of current HTTPS flows.
Current FTP Flows	Total number of current FTP flows.
Current POP3 Flows	Total number of current POP3 flows.
Current SMTP Flows	Total number of current SMTP flows.
Current SIP Flows	Total number of current SIP flows.
Current RTSP Flows	Total number of current RTSP flows.
Current RTP Flows	Total number of current RTP flows.
Current RTCP Flows	Total number of current RTCP flows.
Current IMAP Flows	Total number of current IMAP flows.
Current WSP-CO Flows	Total number of current WSP-CO flows.
Current WSP-CL Flows	Total number of current WSP-CL flows.
Current MMS Flows	Total number of current MMS flows.
Current DNS Flows	Total number of current DNS flows.
Current PPTP-GRE Flows	Total number of current PPTP-GRE flows.
Current PPTP Flows	Total number of current PPTP flows.
Current P2P Flows	Total number of current P2P flows.
Current H323 Flows	Total number of current H323 flows.

Field	Description
Current TFTP Flows	Total number of current TFTP flows.
Current UNKNOWN Flows	Total number of current UNKNOWN flows.
IPNE	Name of the associated IPNE service.
Flow Information	
Subscriptions	Total number of subscriptions.
Disabled Notifications	Total number of disabled notifications.
NBR Information	
Subscriptions	Total number of NBR subscriptions.
Disabled Notifications	Total number of disabled notifications for NBR.
Usage Information	
Notifications	Total number of notifications.
UL Bytes Last Reported	Total number of Last Reported uplink bytes.
DL Bytes Last Reported	Total number of Last Reported uplink bytes.
Packets dropped due to no NAT Port/IP	Total number of packets dropped due to no NAT Port/IP.
Packets dropped since Last EDR trigger	Total number of packets dropped since the last EDR trigger.
Total packets dropped	Total number of packets dropped.
Radio-Congestion Subscriber Full Stats	
Last Reported Congestion Level	Indicates the last reported congestion level.
Total Flows Analyzed	Total number of flows analyzed.
Total Flows Eligible for Correlation	Total number of flows eligible for correlation.
Radio-Congestion Session Last Reported Stats	
Total Flows Analyzed	Total number of flows analyzed.
Total Flows Eligible for Correlation	Total number of flows eligible for correlation.
Total Flows with Congestion Level	Total number of flows with congestion level.
no Congestion	Total number of flows with no congestion.
low Congestion	Total number of flows with low congestion.
medium Congestion	Total number of flows with medium congestion.

Field	Description
high Congestion	Total number of flows with high congestion.
extreme Congestion	Total number of flows with extreme congestion.
P2P Plugin Version	Displays the P2P Plugin version.
FW-and-NAT Policy	The Stateful Firewall-and-NAT policy name.
FW-and-NAT Policy ID	The Stateful Firewall-and-NAT policy identifier.
Firewall Policy IPv4	Indicates whether Stateful Firewall IPv4 processing is required for subscriber.
Firewall Policy IPv6	Indicates whether Stateful Firewall IPv6 processing is required for subscriber.
NAT Policy NAT44	Indicates whether NAT44 is enabled or disabled for the subscriber.
NAT Policy NAT64	Indicates whether NAT64 is enabled or disabled for the subscriber.
Bypass NAT Flow Present	Indicates whether bypass NAT flow is present or not.
No Firewall ruledef(s) match the specified criteria	Stateful Firewall ruledef(s) matching the specified criteria.
No Default Firewall ruledef(s) match the specified criteria	Default Stateful Firewall ruledef(s) matching the specified criteria.
Predefined Firewall Rules Enabled List	List of enabled predefined Firewall rules.
Local-policy RAI/TAI Rules Active List	Displays the list of local-policy rules for RAI/TAI that are currently activated for the subscriber.
Total acs subscribers matching specified criteria	Total number of ACS subscribers matching the specified criteria.
UIDH received from Server	Specifies the total number of UIDH requests received from the server.
Total UIDH Insertions	Specifies the total number of UIDH insertions.
Override Control	
Charging Parameters	
Online Response Required	Speciies that Online Response Required AVP is activated in the Gx Interface at charging level or Override level with an option to WAIT to DONT_WAIT.
VPP Offload Statistics:	
Total Flows	Total number of flows.
Current Active Flows	Total number of active current flows.
IPv4:	
Uplink Pkts	Total number of IPv4 packets uplinked.

Field	Description
Uplink Bytes	Total number of IPv4 bytes uplinked.
Downlink Pkts	Total number of IPv4 packets downlinked.
Downlink Bytes	Total number of IPv4 bytes downlinked.
Dropped Uplink Pkts	Total number of IPv4 uplink packets discarded.
Dropped Uplink Bytes	Total number of IPv4 uplink bytes discarded.
Dropped Downlink Pkts	Total number of IPv4 downlink packets discarded.
Dropped Downlink Bytes	Total number of IPv4 downlink bytes discarded.
IPv6:	
Uplink Pkts	Total number of IPv6 packets uplinked.
Uplink Bytes	Total number of IPv6 bytes uplinked.
Downlink Pkts	Total number of IPv6 packets downlinked.
Downlink Bytes	Total number of IPv6 bytes downlinked.
Dropped Uplink Pkts	Total number of IPv6 uplink packets discarded.
Dropped Uplink Bytes	Total number of IPv6 uplink bytes discarded.
Dropped Downlink Pkts	Total number of IPv6 downlink packets discarded.
Dropped Downlink Bytes	Total number of IPv6 downlink bytes discarded.

show active-charging subsystem all

Table 89: show active-charging subsystem all Command Output Descriptions

Field	Description
Total ACS Managers	Total number of Active Charging Service managers running on the system.
Session Creation Succ	Total number of sessions created successfully.
Session Creation Fail	Total number of session creation failures.
Total subscribers	Total number of subscribers configured on system.
Current subscribers	Total number of subscriber active on system.
Total CF subscribers	Total number of Content Filtering subscribers configured on the system.
Current CF subscribers	Total number of Content Filtering subscribers active on the system.

Field	Description
Total Flows Connected	Total number of IPv4 and IPv6 flows connected.
Total IPv4 Flows Connected	Total number of IPv4 flows connected.
Total IPv6 Flows Connected	Total number of IPv6 flows connected.
Total Flows Disconnected	Total number of IPv4 and IPv6 flows disconnected.
Total IPv4 Flows Disconnected	Total number of IPv4 flows disconnected.
Total IPv6 Flows Disconnected	Total number of IPv6 flows disconnected.
Total Uplink Pkts	Total number of IPv4 and IPv6 packets uplinked.
Total IPv4 Uplink Pkts	Total number of IPv4 packets uplinked.
Total IPv6 Uplink Pkts	Total number of IPv6 packets uplinked.
Total Uplink Bytes	Total number of IPv4 and IPv6 bytes uplinked.
Total IPv4 Uplink Bytes	Total number of IPv4 bytes uplinked.
Total IPv6 Uplink Bytes	Total number of IPv6 bytes uplinked.
Total Downlink Pkts	Total number of IPv4 and IPv6 packets downlinked.
Total IPv4 Downlink Pkts	Total number of IPv4 packets downlinked.
Total IPv6 Downlink Pkts	Total number of IPv6 packets downlinked.
Total Downlink Bytes	Total number of IPv4 and IPv6 bytes downlinked.
Total IPv4 Downlink Bytes	Total number of IPv4 bytes downlinked.
Total IPv6 Downlink Bytes	Total number of IPv6 bytes downlinked.
Total ICMP flows	Total number of ICMP flows.
Total ICMPv4 flows	Total number of ICMPv4 flows.
Total ICMPv6 flows	Total number of ICMPv6 flows.
Current ICMP flows	Total number of current ICMP flows.
Current ICMPv4 flows	Total number of current ICMPv4 flows.
Current ICMPv6 flows	Total number of current ICMPv6 flows.
Total TCP flows	Total number of TCP flows.
Total TCP over IPv4 flows	Total number of TCP IPv4 flows.
Total TCP over IPv6 flows	Total number of TCP IPv6 flows.
Current TCP flows	Total number of current TCP flows.

Field	Description
Current TCP over IPv4 flows	Total number of current TCP IPv4 flows.
Current TCP over IPv6 flows	Total number of current TCP IPv6 flows.
Total UDP flows	Total number of UDP flows.
Total UDP over IPv4 flows	Total number of UDP IPv4 flows.
Total UDP over IPv6 flows	Total number of UDP IPv6 flows.
Current UDP flows	Total number of current UDP flows.
Current UDP over IPv4 flows	Total number of current UDP IPv4 flows.
Current UDP over IPv6 flows	Total number of current UDP IPv6 flows.
Total DNS flows	Total number of DNS flows.
Current DNS flows	Total number of current DNS flows.
Total FTP flows	Total number of FTP flows.
Current FTP flows	Total number of current FTP flows.
Total HTTP flows	Total number of HTTP flows.
Current HTTP flows	Total number of current HTTP flows.
Total HTTPS flows	Total number of HTTPS flows.
Current HTTPS flows	Total number of current HTTPS flows.
Total POP3 flows	Total number of POP3 flows.
Current POP3 flows	Total number of current POP3 flows.
Total SMTP flows	Total number of SMTP flows.
Current SMTP flows	Total number of current SMTP flows.
Total SIP flows	Total number of SIP flows.
Current SIP flows	Total number of current SIP flows.
Total RTSP flows	Total number of RTSP flows.
Current RTSP flows	Total number of current RTSP flows.
Total RTP flows	Total number of RTP flows.
Current RTP flows	Total number of current RTP flows.
Total RTCP flows	Total number of RTCP flows.
Current RTCP flows	Total number of current RTCP flows.

Field	Description
Total IMAP flows	Total number of IMAP flows.
Current IMAP flows	Total number of current IMAP flows.
Total WSP-CO flows	Total number of WSP-CO flows.
Current WSP-CO flows	Total number of current WSP-CO flows.
Total WSP-CL flows	Total number of WSP-CL flows.
Current WSP-CL flows	Total number of current WSP-CL flows.
Total MMS flows	Total number of MMS flows.
Current MMS flows	Total number of current MMS flows.
Total TFTP flows	Total number of TFTP flows.
Current TFTP flows	Total number of current TFTP flows.
Total PPTP flows	Total number of PPTP flows.
Current PPTP flows	Total number of current PPTP flows.
Total PPTP-GRE flows	Total number of PPTP-GRE flows.
Current PPTP-GRE flows	Total number of current PPTP-GRE flows.
Total H323 flows	Total number of H323 flows.
Current H323 flows	Total number of current H323 flows.
Total MIPv6 flows	Total number of MIPv6 flows.
Current MIPv6 flows	Total number of current MIPv6 flows.
Total video flows paced	Total number of TCP video flows paced.
Current video flows paced	Total number of current TCP video flows paced.
Total Rule-Hits	Total number of rule hits.
Total Readdr flows	Total number of re-addressed flows.
Current Readdr flows	Total number of current re-addressed flows.
Total Fastpath flows	Total number of data flows that support fastpath.
Total Fastpath pkts	Total number of data packets that have been processed in fastpath.
Total Fastpath NAT pkts	Total number of fastpath packets in which NAT was applied.
Total Fastpath Firewall pkts	Total number of packets processed by Firewall in fast path.
Total Fastpath Bypass NAT pkts	Total number of NAT bypass packets processed in fast path.

Field	Description
Total Fastpath failures	Total number of packet errors detected during fastpath processing.
Last Fastpath Failure	ASCII output indicating the reason the last data flow failed to meet fastpath eligibility requirements.
Readdressing Failure Statistics (Packets):	
Non SYS Flow	The number of packets failed due to non SYS flow.
Duplicate Key	The number of packets failed due to duplicate keys.
Dropped Pkts	The number of packets failed due to dropped packets.
Total Throttle-Suppressed flows	Total number of flows for which bandwidth limiting is suppressed.
Current Throttle-Suppressed flows	Current number of flows for which bandwidth limiting is suppressed.
Total P2P Subscribers	Total number of P2P subscribers.
Total Firewall Subscribers	Total number of Firewall subscribers. **NOTE:** This statistic is obsolete in 11.0 and later releases.
Total NAT Subscribers	Total number of Network Address Translation subscribers. **NOTE:** This statistic is obsolete in 11.0 and later releases.
In releases prior to StarOS 21.26: Total Blacklisted URL hits From StarOS 21.26 and later releases: Total Blockedlisted URL hits	Total number of Blockedlisted URL hits.
In releases prior to StarOS 21.26: Total Blacklisted URL misses From StarOS 21.26 and later releases: Total Blockedlisted URL misses	Total number of Blockedlisted URL misses.
Total URLs Outstanding for Rating (SRDB)	Total number of URLs outstanding for Static Rating Database rating.
Firewall/NAT Subscribers:	
Firewall IPv4 Enabled	The total and the active number of subscribers with IPv4 Firewall enabled.
Firewall IPv6 Enabled	The total and the active number of subscribers with IPv6 Firewall enabled.
NAT44 Enabled	The total and the active number of subscribers with NAT44 enabled.
NAT64 Enabled	The total and the active number of subscribers with NAT64 enabled.
NAT Enabled	The total and the active number of subscribers with NAT enabled. **NOTE:** This statistic is available only from releases 11.0 to 12.1.

Field	Description
IPv4-PDN-NAT Enabled	The total and the active number of IPv4 PDN subscribers with NAT44 enabled.
IPv6-PDN-NAT Enabled	The total and the active number of IPv6 PDN subscribers with NAT64 enabled.
IPv4v6-PDN-NAT Enabled	The total and the active number of IPv4v6 PDN subscribers with either NAT44 or NAT64 enabled, or both NAT44 and NAT64 enabled.
IPv4-PDN with NAT IP	The total and the active number of IPv4 PDN subscribers with NAT44 enabled and using at least one NAT IP.
IPv6-PDN with NAT IP	The total and the active number of IPv6 PDN subscribers with NAT64 enabled and using at least one NAT IP.
IPv4v6-PDN with NAT IP	The total and the active number of IPv4v6 PDN subscribers with either NAT44 or NAT64 enabled, or both, and using at least one NAT IP.
Firewall and NAT Enabled	The total and the active number of subscribers with IPv4 or IPv6 Firewall and NAT enabled.
NAT flows processed	The total and active number of NAT44 and NAT64 flows processed.
NAT44 flows processed	The total and active number of NAT44 flows processed.
NAT44 N-1 flows processed	The total and active number of NAT44 N-1 flows processed.
NAT44 1-1 flows processed	The total and active number of NAT44 1-1 flows processed.
NAT64 flows processed	The total and active number of NAT64 flows processed.
NAT64 N-1 flows processed	The total and active number of NAT64 N-1 flows processed.
NAT64 1-1 flows processed	The total and active number of NAT64 1-1 flows processed.
NAT44 bypass flows	The total and active number of NAT44 bypass flows.
NAT64 bypass flows	The total and active number of NAT64 bypass flows.
NAT flow-mappings	The total and active number of NAT flow mappings.
NAT Packet Statistics:	
Total NAT Bypass packets	The total and active number of NAT bypass packets.
Total NAT44 Bypass packets	The total and active number of NAT44 bypass packets.
Total NAT64 Bypass packets	The total and active number of NAT64 bypass packets.
Total NAT packets	The total and active number of NAT packets.
Total NAT44 packets	The total and active number of NAT44 packets.
Total NAT64 packets	The total and active number of NAT64 packets.
SIP ALG Calls:	

Field	Description
Total SIP ALG calls	Total number of active SIP calls processed by SIP ALG.
Current SIP ALG calls	Current number of active SIP calls processed by SIP ALG.
Total UDP SIP ALG calls	Total number of SIP UDP calls processed by SIP ALG.
Current UDP SIP ALG calls	Current number of SIP UDP calls processed by SIP ALG.
Total TCP SIP ALG calls	Total number of SIP TCP calls processed by SIP ALG.
Current TCP SIP ALG calls	Current number of SIP TCP calls processed by SIP ALG.
Total Number of Unsolicited Downlink packets received	The total mumber of unsolicited downlink packets received.
Total Number of ICMP-HU packets sent	The total number of ICMP-HU packets sent.
Fair Usage Statistics:	
CPU Credits (used/max)	Number of CPU credits used and maximum number of CPU credits.
Dynamic Transrating Statistics:	
Flows being Transrated	The number of flows being transrated.
Transrating Rejected Due to Lack of Session Mgr Resources:	The number of transrating rejects due to lack of session mgr resources.
Total Accepted Flows:	The total number of accepted flows.
Total Supported Flows:	The total number of supported flows.
Total Sh263 flv:	The total number of Sh263 flv flows.
Total H264 flv:	The total number of H264 flv flows.
Total H264 mp4:	The total number of H264 mp4 flows.
Total Not Suported Flows:	The total number of non supported flows.
Total Active Flows:	The total number of active flows.
Total Active sh263:	The total number of active sh263 flows.
Total Active h264	The total number of active h264 flows.
Total Inactive Flows:	The total number of inactive flows.
Total Inactive sh263:	The total number of inactive sh263 flows.
Total Inactive h264	The total number of inactive h264 flows.
Total Transrated Flows:	The total number of transrated flows
Total Transrated sh263 flv:	The total number of transrated sh263 .flv flows

Field	Description
Total Transrated h264 flv:	The total number of transrated h264 .flv flows
Total Transrated h264 mp4:	The total number of transrated h264 .mp4 flows
Total Never Transrated flows:	The total number of never transrated flows
Total Never Transrated Due To No Resource:	The total number of never transrated flows due to no resource
Total Never Transrated Due To No Congestion:	The total number of never transrated flows due to no congestion
RADIUS Prepaid Statistics	Indicates the group of statistics for RADIUS prepaid session.
Total prepaid sess	Total number of active/dormant/inactive prepaid sessions.
Current prepaid sess	Total number of prepaid sessions currently active.
Total prepaid auth req	Total number of AAA authorization requests for prepaid sessions.
Total prepaid auth success	Total number of successful AAA authorization for prepaid sessions.
Total prepaid auth fail	Total number of failed AAA authorization for prepaid sessions.
Total prepaid errors	Total number of errors occurred in prepaid sessions.
Content Filtering URL Cache Statistics	Indicates URL caching statistics for Content Filtering.
Total cached entries	Total number of cached entries in memory.
Total hits	Total number of attempts to access URLs which are cached in memory with rating.
Total misses	Total number of attempts failed to access URLs which are cached in memory with rating.
Total has-path hits	Total number of attempts to access URLs which are cached in memory with rating with specified path.
Total flushes	Total number of flushing of URL cache to clear memory with stale URL list and rating.
Total Cache size	Total cache size adding maximum cache size for all volume provided for URLs caching.
Percentage Full	Indicates the percentage of memory used out of allocated space for URL caching.
Charging-Update Statistics	
Total Charging Updates Received	Total number of charging updates received
Total Charging Updates Active	Total number of charging updates that are active
Total Sessions with Charging-Updates Received	Total number of sessions with charging updates received

Field	Description
Total Sessions with Charging-Updates Active	Total number of sessions with charging updates active
Total Sessions with Charging-Updates Enforced	Total number of sessions with charging updates enforced
BW Limit Drop Upl Pkts	Total number of uplink packets dropped due to bearer bandwidth limiting.
BW Limit Drop Dnl Pkts	Total number of downlink packets dropped due to bearer bandwidth limiting.
BW Limit Drop Upl Bytes	Total number of uplink bytes dropped due to bearer bandwidth limiting.
BW Limit Drop Dnl Bytes	Total number of downlink bytes dropped due to bearer bandwidth limiting.
BW Limit Mark Upl Pkts	Total number of uplink packets marked due to bearer bandwidth limiting.
BW Limit Mark Dnl Pkts	Total number of downlink packets marked due to bearer bandwidth limiting.
CC Dropped Uplink Packets	Total number of packets dropped by credit control in uplink direction at a system level.
CC Dropped Uplink Bytes	Total number of bytes dropped by credit control in uplink direction at a system level
CC Dropped Downlink Packets	Total number of packets dropped by credit control in downlink direction at a system level.
CC Dropped Downlink Bytes	Total number of bytes dropped by credit control in downlink direction at a system level.
FlowStatus Readdress Upl Bytes	
FlowStatus Readdress Dnl Bytes	
FlowStatus Term Sess Upl Pkts	
FlowStatus Term Sess Dnl Pkts	
FlowStatus Term Flow Upl Pkts	
FlowStatus Term Flow Dnl Pkts	
FlowStatus Term Flow Upl Bytes	
FlowStatus Term Flow Dnl Bytes	
FlowStatus Readdress Upl	
FlowStatus Readdress Dnl Pkts	
FlowStatus Readdress Upl Bytes	
FlowStatus Readdress Dnl Bytes	

Field	Description
Total Control Pkts	Total number of control packets received.
Total Control Pkts Tx	Total number of control packets transmitted..
PCP Service Statistics: **Important** The PCP Service statistics are customer specific. For more information, contact your Cisco account representative.	
Total PCP Subscribers	Total number of PCP enabled subscribers.
Current PCP Subscribers	Current number of PCP enabled subscribers.
IPv4	
Total PCP Requests	Total number of request packets received for the PCP service.
Total PCP Responses	Total number of PCP Responses sent by the PCP service.
Total Unknown Requests	Total number of PCP Responses sent by the PCP service for unknown PCP Requests.
Total Invalid Requests	Total number of PCP Responses sent by the PCP service for invalid PCP Requests.
Opcode Statistics	
Total Requests	Total number of PCP MAP/PEER/ANNOUNCE requests received for the PCP service.
Valid Requests	Total number of valid PCP MAP/PEER/ANNOUNCE requests received for the PCP service.
Invalid Requests	Total number of invalid PCP MAP/PEER/ANNOUNCE requests received for the PCP service.
Total Responses	Total number of PCP MAP/PEER/ANNOUNCE responses sent by the PCP service.
Success Responses	Total number of successful PCP MAP/PEER/ANNOUNCE responses sent for the PCP service.
Error Responses	Total number of error PCP MAP/PEER/ANNOUNCE responses sent by the PCP service.
Data statistics	Statistics of data flow.
Receive Pkts	Total number of packets received in different size based frequency
Transmit pkts	Total number of packets transmitted in different size based frequency
User Data statistics	Indicates the group of statistics of user data traffic.
Data octets from User	Total number of bytes originated from user.
Data packets from User	Total number of data packets originated from user.

Field	Description
Data octets to User	Total number of bytes sent to user.
Data packets to User	Total number of data packets sent to user.

show active-charging subscribers callid override-control

The output of this command includes the following fields:

Override Control:

- Extended MBR UL—This AVP defines the maximum bit rate in kbps that is allowed for the uplink direction.
- Extended MBR DL—This AVP defines the maximum bit rate in kbps that is allowed for the downlink direction .
- Extended GBR UL—This AVP defines the guaranteed bit rate in kbps that is allowed for Uplink direction. This AVP is included only for rules on dedicated bearers.
- Extended GBR DL—This AVP defines the guaranteed bit rate in kbps that is allowed for downlink direction. This AVP is included only for rules on dedicated bearers.

show active-charging subsystem facility acsmgr instance

Table 90: show active-charging subsystem facility acsmgr instance Command Output Descriptions

Field	Description
ACSMgr Instance	The ACS Manager instance.
Card/CPU	The card and CPU ID.
Session Creation Succ	Total number of sessions created successfully.
Session Creation Fail	Total number of session creation failures.
Total subscribers	Total number of subscribers configured on system.
Current subscribers	Total number of subscriber active on system.
Total CF subscribers	Total number of Content Filtering subscribers configured on the system.
Current CF subscribers	Total number of Content Filtering subscribers active on the system.
Total Flows Connected	Total number of flows connected.
Total Flows Disconnected	Total number of flows disconnected.
Total Uplink Pkts	Total number of packets uplinked.

Field	Description
Total Uplink Bytes	Total number of bytes uplinked.
Total Downlink Pkts	Total number of packets downlinked.
Total Downlink Bytes	Total number of bytes downlinked.
Total ICMP flows	Total number of ICMP flows.
Current ICMP flows	Total number of current ICMP flows.
Total ICMPv6 flows	Total number of ICMPv6 flows.
Current ICMPv6 flows	Total number of current ICMPv6 flows.
Total TCP flows	Total number of TCP flows.
Current TCP flows	Total number of current TCP flows.
Total UDP flows	Total number of UDP flows.
Current UDP flows	Total number of current UDP flows.
Total DNS flows	Total number of DNS flows.
Current DNS flows	Total number of current DNS flows.
Total FTP flows	Total number of FTP flows.
Current FTP flows	Total number of current FTP flows.
Total HTTP flows	Total number of HTTP flows.
Current HTTP flows	Total number of current HTTP flows.
Total HTTPS flows	Total number of HTTPS flows.
Current HTTPS flows	Total number of current HTTPS flows.
Total POP3 flows	Total number of POP3 flows.
Current POP3 flows	Total number of current POP3 flows.
Total SMTP flows	Total number of SMTP flows.
Current SMTP flows	Total number of current SMTP flows.
Total SIP flows	Total number of SIP flows.
Current SIP flows	Total number of current SIP flows.
Total RTSP flows	Total number of RTSP flows.
Current RTSP flows	Total number of current RTSP flows.
Total RTP flows	Total number of RTP flows.

Field	Description
Current RTP flows	Total number of current RTP flows.
Total RTCP flows	Total number of RTCP flows.
Current RTCP flows	Total number of current RTCP flows.
Total IMAP flows	Total number of IMAP flows.
Current IMAP flows	Total number of current IMAP flows.
Total WSP-CO flows	Total number of WSP-CO flows.
Current WSP-CO flows	Total number of current WSP-CO flows.
Total WSP-CL flows	Total number of WSP-CL flows.
Current WSP-CL flows	Total number of current WSP-CL flows.
Total MMS flows	Total number of MMS flows.
Current MMS flows	Total number of current MMS flows.
Total TFTP flows	Total number of TFTP flows.
Current TFTP flows	Total number of current TFTP flows.
Total PPTP flows	Total number of PPTP flows.
Current PPTP flows	Total number of current PPTP flows.
Total PPTP-GRE flows	Total number of PPTP-GRE flows.
Current PPTP-GRE flows	Total number of current PPTP-GRE flows.
Total H323 flows	Total number of H323 flows.
Current H323 flows	Total number of current H323 flows.
Total P2P flows	Total number of P2P flows.
Current P2P flows	Total number of current P2P flows.
Total Rule-Hits	Total number of rule hits.
In releases prior to StarOS 21.26: Blacklisted URL hits From StarOS 21.26 and later releases: Blockedlisted URL hits	The number of Blockedlisted URL hits.

Field	Description
In releases prior to StarOS 21.26: Blacklisted URL misses From StarOS 21.26 and later releases: Blockedlisted URL misses	The number of Blockedlisted URL misses.
Total URLs Outstanding for Rating (SRDB)	Total number of URLs outstanding for Static Rating Database rating.
Total Fastpath Firewall pkts	Total number of packets processed by Firewall in fast path.
Total Fastpath Bypass NAT pkts	Total number of NAT bypass packets processed in fast path.
Firewall/NAT Subscribers:	
Firewall IPv4 Enabled	Displays the total and the active number of subscribers with IPv4 Firewall enabled.
Firewall IPv6 Enabled	Displays the total and the active number of subscribers with IPv6 Firewall enabled.
NAT44 Enabled	Displays the total and the active number of subscribers with NAT44 enabled.
NAT64 Enabled	Displays the total and the active number of subscribers with NAT64 enabled.
IPv4-PDN-NAT Enabled	Displays the total and the active number of IPv4 PDN subscribers with NAT44 enabled.
IPv6-PDN-NAT Enabled	Displays the total and the active number of IPv6 PDN subscribers with NAT64 enabled.
IPv4v6-PDN-NAT Enabled	Displays the total and the active number of IPv4v6 PDN subscribers with either NAT44 or NAT64 enabled, or both NAT44 and NAT64 enabled.
IPv4-PDN with NAT IP	Displays the total and the active number of IPv4 PDN subscribers with NAT44 enabled and using at least one NAT IP.
IPv6-PDN with NAT IP	Displays the total and the active number of IPv6 PDN subscribers with NAT64 enabled and using at least one NAT IP.
IPv4v6-PDN with NAT IP	Displays the total and the active number of IPv4v6 PDN subscribers with either NAT44 or NAT64 enabled, or both, and using at least one NAT IP.
Firewall and NAT Enabled	Displays the total and the active number of subscribers with IPv4 or IPv6 Firewall and NAT enabled.
NAT flows processed	Displays the total and active number of NAT44 and NAT64 flows processed.
NAT44 flows processed	Displays the total and active number of NAT44 flows processed.
NAT44 N-1 flows processed	Displays the total and active number of NAT44 N-1 flows processed.
NAT44 1-1 flows processed	Displays the total and active number of NAT44 1-1 flows processed.
NAT64 flows processed	Displays the total and active number of NAT64 flows processed.

Field	Description
NAT64 N-1 flows processed	Displays the total and active number of NAT64 N-1 flows processed.
NAT64 1-1 flows processed	Displays the total and active number of NAT64 1-1 flows processed.
NAT44 bypass flows	Displays the total and active number of NAT44 bypass flows.
NAT64 bypass flows	Displays the total and active number of NAT64 bypass flows.
RADIUS Prepaid Statistics: Indicates the group of statistics for RADIUS prepaid session.	
Total prepaid sess	Total number of active/dormant/inactive prepaid sessions.
Current prepaid sess	Total number of prepaid sessions currently active.
Total prepaid auth req	Total number of AAA authorization requests for prepaid sessions.
Total prepaid auth success	Total number of successful AAA authorization for prepaid sessions.
Total prepaid auth fail	Total number of failed AAA authorization for prepaid sessions.
Total prepaid errors	Total number of errors occurred in prepaid sessions.
Max flows per-session Statistics: Indicates the group of statistics for the maximum number of simultaneous flows seen per session.	
Max Flows seen	The maximum number of simultaneous flows seen by the instance on a session.
IMSI	Indicates the International Mobile Subscriber Identity (IMSI).
Max Flows seen at	Lists the date and time at which the flows were seen.
Content Filtering Policy <*policy*> **for Service** <*service*> **Matched**	
Content Filtering URL Cache Statistics	Indicates the group of statistics of URL caching for content filtering service.
Total cached entries	Total number of cached entries in memory.
Total hits	Total number of attempts to access URLs which are cached in memory with rating.
Total misses	Total number of attempts failed to access URLs which are cached in memory with rating.
Total has-path hits	Total number of attempts to access URLs which are cached in memory with rating with specified path.
Total flushes	Total number of flushing of URL cache to clear memory with stale URL list and rating.
Total Cache size (all volumes)	Total cache size adding maximum cache size for all volume provided for URLs caching.
Percentage Full	Indicates the percentage of memory used out of allocated space for URL caching.

Field	Description
Last Flush request received time	Indicates the time of last flush request received for cache flushing.
Volume - *<volume>*	The volume.
Cached entries	For the volume, indicates the total number of cached entries in memory.
Hits	For the volume, indicates the total number of attempts failed to access URLs which are cached in memory with rating.
Misses	For the volume, indicates the total number of attempts failed to access URLs which are cached in memory with rating.
has-path hits	For the volume, indicates the total number of attempts to access URLs which are cached in memory with rating with specified path.
Flushes	For the volume, indicates the total number of times the URL cache has been flushed to clear memory with stale URL list and rating.
Percentage Full	For the volume, indicates the percentage of memory used out of allocated space for URL caching.
Last Access Time	For the volume, indicates the last access time.
Last Flush Time	For the volume, indicates the last flush time.
Data statistics	
Receive Pkts	Total number of packets received.
Transmit Pkts	Total number of packets transmitted.

show tcp-acceleration statistics sessmgr all

Table 91: show tcp-acceleration statistics sessmgr all Command Output Descriptions

Field	Description
TCP acceleration Statistics	Specifies the TCP Acceleration Statistics
Total Accelerated Flows	Specifies the total number of accelerated flows.
Current Accelerated Flows	Specifies the current number of accelerated flows.
Released Accelerated Flows	Specifies the total number of released accelerated flows.
Rejected Accelerated Flows	Specifies the total number of accelerated flows rejected.

Field	Description
Feature Not Supported	Specifies the flow rejected with the "Feature Not Supported" reason
RAT Type Not Supported	Specifies the flow rejected with the "RAT Type Not Supported" reason
Bearer Not Supported	Specifies the flow rejected with the "Bearer Not Supported" reason
Resource Not Available (Memory)	Specifies the flow rejected with the "Resource Not Available (Memory)" reason
Resource Not Available (CPU)	Specifies the flow rejected with the "Resource Not Available (CPU)" reason
Others	Specifies the flow rejected for other reasons.
Data Statistics	
IPv4 (User-Side and Inet Side)	
Total Pkts Rx	Indicates the total number of IPv4 TCP accelerated packets received from the UE and internet.
Total Bytes Rx	Indicates the total number of IPv4 TCP accelerated bytes received from the UE and internet.
Total Pkts Tx	Indicates the total number of IPv4 TCP accelerated packets sent towards the UE and internet.
Total Bytes Tx	Indicates the total number of IPv4 TCP accelerated bytes sent towards the UE and internet.
IPv4 (User-Side and Inet Side)	
Total Pkts Rx	Indicates the total number of IPv6 TCP accelerated packets received from the UE and internet.
Total Bytes Rx	Indicates the total number of IPv6 TCP accelerated bytes received from the UE and internet.
Total Pkts Tx	Indicates the total number of IPv6 TCP accelerated packets sent towards the UE and internet.
Total Bytes Tx	Indicates the total number of IPv6 TCP accelerated bytes sent towards the UE and internet.
Data Statistics > IPv4 HTTP (User Side and Inet Side)	
Total Pkts Rx	Indicates the total number of IPv4 HTTP TCP accelerated packets received from the UE and internet.

Field	Description
Total Bytes Rx	Indicates the total number of IPv4 HTTP TCP accelerated bytes received from the UE and internet.
Total Pkts Tx	Indicates the total number of IPv4 TCP accelerated HTTP packets sent towards the UE and internet.
Total Bytes Tx	Indicates the total number of IPv4 HTTP TCP accelerated bytes sent towards the UE and internet.
Retrans Pkts Rx	Indicates the total number of retransmitted packets received from the UE and internet for TCP accelerated IPV4 HTTP flows.
Retrans Bytes Rx	Indicates the total number of retransmitted bytes received from the UE and internet for TCP accelerated IPV4 HTTP flows.
Retrans Pkts Tx	Indicates the total number of packets retransmitted towards the UE and internet for TCP accelerated IPV4 HTTP flows.
Retrans Bytes Tx	Indicates the total number of bytes retransmitted towards the UE and internet for TCP accelerated IPV4 HTTP flows.
Data Statistics > IPv4 HTTPS (User Side and Inet Side)	
Total Pkts Rx	Indicates the total number of IPv4 HTTPS TCP accelerated packets received from the UE and internet.
Total Bytes Rx	Indicates the total number of IPv4 HTTPS TCP accelerated bytes received from the UE and internet.
Total Pkts Tx	Indicates the total number of IPv4 TCP accelerated HTTPS packets sent towards the UE and internet.
Total Bytes Tx	Indicates the total number of IPv4 HTTPS TCP accelerated bytes sent towards the UE and internet.
Retrans Pkts Rx	Indicates the total number of retransmitted packets received from the UE and internet for TCP accelerated IPV4 HTTPS flows.
Retrans Bytes Rx	Indicates the total number of retransmitted bytes received from the UE and internet for TCP accelerated IPV4 HTTPS flows.
Retrans Pkts Tx	Indicates the total number of packets retransmitted towards the UE and internet for TCP accelerated IPV4 HTTPS flows.

Field	Description
Retrans Bytes Tx	Indicates the total number of packets retransmitted towards the UE and internet for TCP accelerated IPV4 HTTPS flows.
Data Statistics > IPv6 HTTP (User Side and Inet Side)	
Total Pkts Rx	Indicates the total number of IPv6 HTTP TCP accelerated packets received from the UE and internet.
Total Bytes Rx	Indicates the total number of IPv6 HTTP TCP accelerated bytes received from the UE and internet.
Total Pkts Tx	Indicates the total number of IPv6 TCP accelerated HTTP packets sent towards the UE and internet.
Total Bytes Tx	Indicates the total number of IPv6 HTTP TCP accelerated bytes sent towards the UE and internet.
Retrans Pkts Rx	Indicates the total number of retransmitted packets received from the UE and internet for TCP accelerated IPV6 HTTP flows.
Retrans Bytes Rx	Indicates the total number of retransmitted bytes received from the UE and internet for TCP accelerated IPV6 HTTP flows.
Retrans Pkts Tx	Indicates the total number of packets retransmitted towards the UE and internet for TCP accelerated IPV6 HTTP flows.
Retrans Bytes Tx	Indicates the total number of bytes retransmitted towards the UE and internet for TCP accelerated IPV6 HTTP flows.
Data Statistics > IPv6 HTTPS (User Side and Inet Side)	
Total Pkts Rx	Indicates the total number of IPv6 HTTPS TCP accelerated packets received from the UE and internet.
Total Bytes Rx	Indicates the total number of IPv6 HTTPS TCP accelerated bytes received from the UE and internet.
Total Pkts Tx	Indicates the total number of IPv6 TCP accelerated HTTPS packets sent towards the UE and internet.
Total Bytes Tx	Indicates the total number of IPv6 HTTPS TCP accelerated bytes sent towards the UE and internet.
Retrans Pkts Rx	Indicates the total number of retransmitted packets received from the UE and internet for TCP accelerated IPV6 HTTPS flows.

Field	Description
Retrans Bytes Rx	Indicates the total number of retransmitted bytes received from the UE and internet for TCP accelerated IPV6 HTTPS flows.
Retrans Pkts Tx	Indicates the total number of packets retransmitted towards the UE and internet for TCP accelerated IPV6 HTTPS flows.
Retrans Bytes Tx	Indicates the total number of packets retransmitted towards the UE and internet for TCP accelerated IPV6 HTTPS flows.

show active-charging tcp-proxy statistics all verbose

Table 92: show active-charging tcp-proxy statistics all verbose Command Output Descriptions

Field	Description
TCP Proxy Stack Statistics	
Statistics	
Cumulative Statistics	
Total Pkts to Stack	Total number of packets received by stack.
Total Bytes to Stack	Total number of bytes received by stack.
Total Pkts from Stack	Total number of packets sent from stack.
Total Bytes from Stack	Total number of bytes sent from stack.
API Statistics	
Total Sockets Opened	Total number of sockets opened.
Socket Open Failed	Total number of sockets open failures.
Total Connect Attempts	Total number of connection attempts.
Total Listening Sockets	Total number of sockets listening.
Socket Listening Failed	Total number of sockets listening failures.
Socket Bind Success	Total number of socket binds successful.
Socket Accept Success	Total number of socket accepts successful.
Socket Accept Failed	Total number of socket accept failures.
Total Send Success	Total number of sends successful.

Field	Description
Total Send Failed	Total number of send failures.
Total Send Partial Succ	Total number of sends partially successful.
Total SendTo Success	Total number of send to successful.
Total SendTo Failed	Total number of send to failures.
Total SendTo Partil Succ	Total number of send to partially successful.
Total Recv Attempted	Total number of Recv attempted.
Total Recv Fail	Total number of Recv failures.
Total RecvFrom Attempted	Total number of RecvFrom attempted.
Total RecvFrom Fail	Total number of RecvFrom failures.
Current Open Sockets	Total number of sockets currently open.
IP Layer Statistics	
Total Pkts Recvd at IP	Total number of packets received at IP layer.
Header Errors	Total number of IP header errors.
Unknown Protocol	Total number of unknown IP protocol errors.
Incoming Discarded Pkts	Total number of incoming packets discarded.
Outgoing Requests	Total number of outgoing requests.
Outgoing Discarded Pkts	Total number of outgoing discarded packets.
Reassembly Timeouts	Total number of reassembly timeouts.
Reassembly Success	Total number of IP datagrams that were reassembled successfully.
Fragmentation Success	Total number of IP datagrams that were fragmented successfully.
Fragmentation Fails	Total number of IP datagrams that were discarded due to fragmentation failures.
Fragments Created	Total number of fragments created.
TCP Layer Statistics	
Incoming TCP Segments	Total number of incoming segments received at TCP layer.
Incoming TCP Bytes	Total number of incoming bytes received at TCP layer.
Incoming TCP Error Seg	Total number of incoming segments containing some error.
In TCP Retrans Seg	Total number of incoming TCP retransmitted segments.

Field	Description
In TCP Retrans Byte	Total number of incoming TCP retransmitted bytes.
Outgoing TCP Data Seg	Total number of outgoing TCP segments having some data.
Outgoing TCP Reset Seg	Total number of outgoing TCP resets.
Outgoing TCP Retrans Seg	Total number of packets retransmitted by the stack.
In TCP Partial Retr Seg	Total number of incoming TCP partial retransmitted segments.
In TCP Partial Retr Byte	Total number of incoming TCP partial retransmitted bytes.
In TCP OOO Segments	Total number of incoming TCP Out-of-Order segments.
In TCP OOO Bytes	Total number of incoming TCP Out-of-Order bytes.
In TCP OOO+Retrans Seg	Total number of incoming TCP Out-of-Order+retransmitted segments.
In TCP OOO+Retrans Bytes	Total number of incoming TCP Out-of-Order+retransmitted bytes.
In TCP OOO Succ Seg	Total number of incoming TCP Out-of-Order Succ segments.
In TCP OOO Succ Bytes	Total number of incoming TCP Out-of-Order Succ bytes.
In TCP Csum Err Seg	Total number of incoming TCP checksum error segments.
In TCP Csum Err Bytes	Total number of incoming TCP checksum error bytes.
Active Open	Total number of active connections initiated by the stack.
Passive Open	Total number of connections accepted by the stack.
Connection Failure	Total number failed connections.
Reset in Est State	Total number of resets received in Established state.
Current Est Connections	Total number of active established connections.
TCP Proxy Statistics for Rulebase	
Cumulative TCP proxy Statistics for Rulebase:	
Total Proxy Flows	Total number of TCP Proxy flows in this rulebase.
Current Proxy Flows	Total no of current TCP Proxy flows in this rulebase.
Uplink TCP Proxy:	
Pkts received from uplink	Total number of uplink packets on Gn interface.
Pkts forwarded to application	Total number uplink packets forwarded by stack to TCP Proxy application.
Pkts received from application	Total number uplink packets received from TCP Proxy application to stack.
Pkts for transmission to uplink	Total number uplink packets sent by stack on Gi interface.

Field	Description
Pkts received after connection with server	Total number uplink packets received after connection with server.
Pkts received before connection with server	Total number uplink packets received before connection with server.
Number of connect tried	Total number times the connect was called.
Downlink TCP Proxy:	
Pkts received from downlink	Total number of downlink packets on Gi interface.
Pkts forwarded to application	Total number downlink packets forwarded by stack to TCP Proxy application.
Pkts received from application	Total number downlink packets received from TCP Proxy application to stack.
Pkts for transmission to downlink	Total number downlink packets from application on Gn interface.
Pkts received after connection with client	Total number of downlink packets received after connection with client.
Pkts received before connection with client	Total number downlink packets received before connection with client.
Number of connect tried	Total number times the connect was called.
Downlink and uplink TCP proxy events:	
Total received failed	Total number of Recv calls failed.
Total error received	Total number of socket errors.
Total reset received	Total number of RESETs received (both from Gn and Gi side).
Total remote closed received	Total number of Remote Close events occurred (both from Gn and Gi side).
Total close complete received	Total number of Remote Close Complete events occurred (both from Gn and Gi side).
Total accept received	Total number of accept events received (both from Gn and Gi side).
Total accept failed	Total number of accept requests failed.
Total registerCB failed	Total number of calls to registerCB function failed.
Total recv occurred	Total number of Recv events occured.
Total connect complete received	Total number of connect complete events occurred.
Total send failed	Total number of calls to send function failed.
Proxy Session counters:	

Field	Description
Current Connecting Conn (AO on GN)	Total number of current connecting connections active open on GN.
Current Connecting Conn (AO on GI)	Total number of current connecting connections active open on GI.
Current Connected Conn (AO on GN)	Total number of current connected connections active open on GN.
Current Connected Conn (AO on GI)	Total number of current connected connections active open on GI.
Current Un-Accepted Conn (PO on GN)	Total number of current unaccepted connections passive open on GN.
Current Un-Accepted Conn (PO on GI)	Total number of current unaccepted connections passive open on GI.
Current Accepted Conn (PO on GN)	Total number of current accepted connections passive open on GN.
Current Accepted Conn (PO on GI)	Total number of current accepted connections passive open on GI.
Current EST conn on both side	Total number of current EST connections on both side.
Total PO Succ on GN	Total number of passive open successful on GN.
Total AO Succ on GI	Total number of active open successful on GI.
Total PO Succ on GI	Total number of passive open successful on GI.
Total AO Succ on GN	Total number of active open successful on GN.
Flows not proxied - Proxy flow limit	Total number of flows not proxied due to proxy flow limit.
Flows not proxied - Backlog limit	Total number of flows not proxied due to backlog limit.
Flows not proxied - Gn sock limit	Total number of flows not proxied due to Gn sock limit.
Flows not proxied - Gi sock limit	Total number of flows not proxied due to Gi sock limit.
Flows cleared - incomplete active open	Total number of flows cleared due to incomplete active open.
Flows cleared - incomplete passive open	Total number of flows cleared due to incomplete passive open.
Proxy Error counters:	
Socket Open Failed	Socket open failed statistics on Gn and Gi.
Socket Error Events	Socket error event statistics on Gn and Gi.

show active-charging tcp-proxy statistics socket-migration

Table 93: show active-charging tcp-proxy statistics socket-migration Command Output Descriptions

Field	Description
Socket Migration Statistics	
Cumulative Statistics	
Total Flows Initialized	Total number of flows for which Socket Migration was initialized.
Total Flows Migration Attempt	Total number of flows for which socket migration was started.
Total Flows Success	Total number of flows for which socket migration was successful.
Total Flows Failed	Total number of flows for which socket migration failed with reason.
Memory Alloc Failed	Total number of flows for which socket migration failed due to memory allocation failure.
Permission Denied	Total number of flows for which socket migration failed due to permission denials.
Possible TCP State Change	Total number of flows for which socket migration failed due to possible TCP state change.
Pkt Trimming Failed	Total number of flows for which socket migration failed due to packet trimming failures.
Others	Total number of flows for which socket migration failed due to other reasons.
Total Pkts Trimmed	Total number of packets trimmed during stabilization phase.
Current Statistics	
Current Socket Migrated Flows	Number of current flows for which socket migration is activated.
Flows in Init State	Number of current flows that are in Init state.
Flows in Pre-mig State	Number of current flows that are in Pre-migration state.
Flows in Mig Started State	Number of current flows that are in Migration Started state.
Flows in Post-Mig State	Number of current flows that are in Post Migration state.
Flows in Mig-Done State	Number of current flows that are in Migration Completed state.
Flows in Cant-Do State	Number of current flows that are in Migration Can't be Done state.

show active-charging tethering-detection database sessmgr all

Table 94: show active-charging tethering-detection database sessmgr all Command Output Descriptions

Field	Description
SMgr Instance	Instance number of the session manager.
TAC Database	
Source File	Location of the TAC database file.
Database Status	Status of the database.
Version	Version of the database used.
Number of entries in DB	Total number of entried in the TAC database.
Last Upgrade Status	Last upgrade status of the TAC database.
OS Database	
Source File	Location of the IPv4 OS Signature database file.
Database Status	Status of the database.
Version	Version of the database used.
Number of signatures in DB	Total number of IPv4 OS signatures in the database.
Last Upgrade Status	Last upgrade status of the IPv4 OS signature database.
OS Database-IPv6	
Source File	Location of the IPv6 OS Signature database file.
Database Status	Status of the database.
Version	Version of the database used.
Number of signatures in DB	Total number of IPv6 OS signatures in the database.
Last Upgrade Status	Last upgrade status of the IPv6 OS signature database.
UA Database	
Source File	Location of the UA signature database file.
Database Status	Status of the database.
Version	Version of the database used.
Number of signatures in DB	Total number of UA signatures in the database.

Field	Description
Last Upgrade Status	Last upgrade status of the UA signature database.

show active-charging tethering-detection statistics

Table 95: show active-charging tethering-detection statistics Command Output Descriptions

Field	Description
Current Tethered Subscribers	Total number of tethered subscribers at a particular time.
Total flows scanned	Total number of flows scanned.
Total Tethered flows detected	Total number of tethered flows detected.
Total Tethered flows recovered	Total number of tethered flows recovered.
Total flows bypassed for scanning	Total number of flows that were bypassed for tethering with the configured interface ID.
Tethering Detection Statistics (os-ua)	
TAC ID lookups	Total number of TAC ID lookups.
TAC ID matches	Total number of TAC ID matches.
OS signature lookups	Total number of OS signature lookups.
OS signature matches	Total number of OS signature matches.
IPv6 OS signatures lookups	Total number of IPv6 OS signature lookups.
IPv6 OS signatures matches	Total number of IPv6 OS signature matches.
UA signature lookups	Total number of UA signature lookups.
UA signature matches	Total number of UA signature matches.
Total flows scanned	Total number of flows scanned.
Tethered flows detected	Total number of tethered flows detected.
Non-tethered flows detected	Total number of non-tethered flows detected.
Tethered Uplink Packets	Total number of uplink packets for tethered flows.
Tethered Downlink Packets	Total number of downlink packets for tethered flows.
Current tethering-detected indications sent	Current number of tethering-detected indications sent.

Field	Description
Total tethering-detected indications sent	Total number of tethering-detected indications sent.
Tethering Detection Statistics (ip-ttl)	
Total flows scanned	Total number of flows scanned.
Tethered flows detected	Total number of tethered flows detected.
Tethered uplink packets	Total number of uplink packets for tethered flows.
Tethered downlink packets	Total number of downlink packets for tethered flows.
Change Statistics for Multiple SYN in Flow:	
Tethered to Non-Tethered	This counter is updated when previous SYN has tethered signature and new SYN has non-tethered signature.
Non-Tethered to Tethered	This counter is updated when previous SYN has non-tethered signature and new SYN has tethered signature.
Tethered to Tethered	This counter is updated when previous SYN has tethered signature and new SYN also has tethered signature.
Non-Tethered to Non-Tethered	This counter is updated when previous SYN has non-tethered signature and new SYN also has non-tethered signature.

show active-charging timedef all

Table 96: show active-charging timedef all Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
Timedef Name	Name of the time definition.
Start Day	Start day configured for each timeslot in the timedef. If the day is not configured, shows "Daily".
Start Time	Start time configured for each timeslot in the timedef.
End Day	End day configured for each timeslot in the timedef. If the day is not configured, shows "Daily".
End Time	End time configured for each timeslot in the timedef.
Total timedef(s) found	The total number of timedefs found.

show active-charging tpo profile statistics name

The Traffic Performance Optimization (TPO) in-line service is not supported in this release.

show active-charging traffic-optimization policy

Table 97:

Field	Description
Policy Name	Identifies the configured policy name
Policy-Id	Identifies the policy ID value prertaing to a policy
Bandwidth-Mgmt	Displays the bandwidth management parameters.
Backoff-Profile	Displays the overall aggressiveness of the back off rates.
Min-Effective-Rate	Displays the effective shaping rate in Kbps.
Min-Flow-Control-Rate	Displays the minimum rate allowed in Kbps, to control the flow of heavy session flows during congesiton.
Curbing-Control	Displays the curbing control related parameters.
Time	Displays the duration of the flow control phase.
Rate	Displays the curbing flow control at a fixed rate in Kbps.
Max-phases	Displays the maximum phases where the target shaping rate is below threshold-rate to trigger curbing flow control.
Threshold-Rate	Displays the minimum target shaping rate in Kbps
Heavy-Session	Displays heavy-session detection parameters.
Threshold	Displays heavy-session detection threshold in bytes. On reaching the threshold, flows will be monitored and potentially managed.
Standard-Flow-Timeout	Displays the idle-timeout in milliseconds.
Link-Profile	Displays the link profile parameters.
Initial-Rate	Displays the initial seed value of the acquired peak rate in Kbps for a traffic session.

Field	Description
Max-Rate	Displays the maximum peak rate in Kbps for a traffic session.
Peak-Lock	Displays the link peak rate.
Session-Params	Displays session parameters.
Tcp-Ramp-Up	Displays the ramp up phase duration for TCP traffic.
Udp-Ramp-Up	Displays the ramp up phase duration for UDP traffic.

show active-charging trigger-action all

Table 98: show active-charging trigger-action all Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
Trigger-Action	Name of the configured trigger action.
HTTP Response Based TRM	Display the specified HTTP method(s) that has response-based TRM applied. Else displays "all" if all HTTP methods are configured and "none" if no HTTP method is configured.
HTTP Response Based Charging	Displays the specified HTTP method(s) that has response-based charging applied. Else displays "all" if all HTTP methods are configured and "none" if no HTTP method is configured.
Throttle Suppress	Indicates whether suppress throttling is enabled or disabled.
Flow recovery	Indicates whether flow recovery is enabled or disabled.
Traffic Optimization	Indicates whether traffic optimization is enabled or disabled.
Step Up GBR	Indicates the step-up value of GBR.
Step Down GBR	Indicates the step-down value of GBR.
TCP Acceleration	Indicates whether the TCP acceleration is enabled or disabled.
TCP Acceleration Threshold	Indicates if the TCP acceleration threshold is enabled or disabled.
Service-Chain	Indicates the name of the assigned service chain.
Total trigger action(s) found	Total number of configured trigger actions.

show active-charging trigger-condition all

Table 99: show active-charging trigger-condition all Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
Trigger-Condition	Name of the configured trigger condition.
Trigger Action Delay	Displays the delay (in seconds)for application of action
Any-Match	Displays the condition specified for any-match.
Local-policy Rule Name	Displays the name of the configured local-policy (LP) rule.
Rule-name/GOR	Displays the condition specified for a particular rule/GoR for flow checkpoint.
Multi-line-OR All lines	Indicates whether the OR operator applied to all lines in a trigger-condition is enabled or disabled.
Total trigger condition(s) found	Total number of configured trigger conditions.
Post-Processing Rule-name/GOR	Specifies the post processing rule name.
Flow-Length Threshold exceed	Indicates when the flow-length of a TCP flow has exceeded the configured threshold value.

show active-charging udr-format all

Table 100: show active-charging udr-format all Command Output Descriptions

Field	Description
Service Name	Name of the Active Charging Service.
UDR Format Name	Name of the configured UDR format.
Attribute	Attribute information configured in specific UDR format.
Total udr-format(s) found	The total number of the configured UDR formats.

show active-charging url-blockedlisting statistics

Table 101: show active-charging url-blacklisting statistics Command Output Descriptions

Field	Description
Service name	Name of the Active Charging Service.
Cumulative URL-Blacklisting Statistics	
In releases prior to StarOS 21.26: Total Blacklisted URL hits From StarOS 21.26 and later releases: Total Blockedlisted URL hits	The total number of Blockedlisted URL hits.
In releases prior to StarOS 21.26: Total Blacklisted URL misses From StarOS 21.26 and later releases: Total Blockedlisted URL misses	The total number of Blockedlisted URL misses.

show active-charging url-blockedlisting statistics rulebase name

Table 102: show active-charging url-blockedlisting statistics rulebase name Command Output Descriptions

Field	Description
Service name	Name of the Active Charging Service.
Rulebase name	Name of the rulebase.
In releases prior to StarOS 21.26: Blacklisted URL hits From StarOS 21.26 and later releases: Blockedlisted URL hits	The total number of Blockedlisted URL hits.
In releases prior to StarOS 21.26: Blacklisted URL misses From StarOS 21.26 and later releases: Blockedlisted URL misses	The total number of Blockedlisted URL misses.
Total rulebases matched	The total number of rulebases matching the specified criteria.

show active-charging video detailed-statistics

Table 103: show active-charging video detailed-statistics Command Output Descriptions

Field	Description
RAT (Radio Access Type)	
GPRS Del. Rate	The average video delivery rate for GPRS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
GPRS Enc. Rate	The average video encoding rate for GPRS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
GPRS Tot. Bytes	The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for GPRS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
GPRS %download	The average percentage (in terms of bytes) of video files downloaded for GPRS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
GPRS Tot. Video	The total number of video clips for GPRS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
UMTS Del. Rate	The average video delivery rate for UMTS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
UMTS Enc. Rate	The average video encoding rate for UMTS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
UMTS Tot. Bytes	The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for UMTS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
UMTS %download	The average percentage (in terms of bytes) of video files downloaded for UMTS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
UMTS Tot. Video	The total number of video clips for UMTS Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
LTE Del. Rate	The average video delivery rate for LTE Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
LTE Enc. Rate	The average video encoding rate for LTE Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
LTE Tot. Bytes	The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for LTE Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.

Field	Description
LTE %download	The average percentage (in terms of bytes) of video files downloaded for LTE Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
LTE Tot. Video	The total number of video clips for LTE Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
HSPA Del. Rate	The average video delivery rate for HSPA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
HSPA Enc. Rate	The average video encoding rate for HSPA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
HSPA Tot. Bytes	The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for HSPA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
HSPA %download	The average percentage (in terms of bytes) of video files downloaded for HSPA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
HSPA Tot. Video	The total number of video clips for HSPA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
CDMA Del. Rate	The average video delivery rate for CDMA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
CDMA Enc. Rate	The average video encoding rate for CDMA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
CDMA Tot. Bytes	The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for CDMA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
CDMA %download	The average percentage (in terms of bytes) of video files downloaded for CDMA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
CDMA Tot. Video	The total number of video clips for CDMA Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
WLAN Del. Rate	The average video delivery rate for WLAN Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
WLAN Enc. Rate	The average video encoding rate for WLAN Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
WLAN Tot. Bytes	The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for WLAN Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.

Field	Description
WLAN %download	The average percentage (in terms of bytes) of video files downloaded for WLAN Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
WLAN Tot. Video	The total number of video clips for WLAN Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
Other Del. Rate	The average video delivery rate for other Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
Other Enc. Rate	The average video encoding rate for other Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
Other Tot. Bytes	The total payload bytes (excluding IP and TCP headers) transferred to the RAN side for other Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
Other %download	The average percentage (in terms of bytes) of video files downloaded for other Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
Other Tot. Video	The total number of video clips for other Radio Access Type for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
Container (File Format)	
MP4 Enc. Rate	The average video encoding rate for MP4 container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
MP4 Tot. Bytes	The total bytes transferred to RAN side for MP4 container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
MP4 Tot. Video	The total number of video clips for MP4 container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
FLV Enc. Rate	The average video encoding rate for FLV (Flash Video) container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
FLV Tot. Bytes	The total bytes transferred to RAN side for FLV (Flash Video) container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
FLV Tot. Video	The total number of video clips for FLV (Flash Video) container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
Other Enc. Rate	The average video encoding rate for other container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
Other Tot. Bytes	The total bytes transferred to RAN side for other container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.
Other Tot. Video	The total number of video clips for other container file format for iPhone/iPad/iPod (iOS) devices, Android devices, laptops, and other devices.

show active-charging video detailed-statistics container mp4

Note that there are additional **container** options for this command, as follows: **container flv** and **container others**.

Table 104: show active-charging video detailed-statistics container mp4 Command Output Descriptions

Field	Description
Device Type iOS	
Total Content Size of the Videos	The total size of the video clips in bytes for iOS User Device Type for MP4 Container Type.
Total Duration of the Videos	The total duration of the video clips, in seconds, for iOS User Device Type for MP4 Container Type.
Total Bytes Sent to the User	The total bytes of video data sent to the subscriber UE for iOS User Device Type for MP4 Container Type.
Total Video Object Count	The total number of video objects for iOS User Device Type for MP4 Container Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for iOS User Device Type for MP4 Container Type.
Device Type Android	
Total Content Size of the Videos	The total size of the video clips in bytes for Android User Device Type for MP4 Container Type.
Total Duration of the Videos	The total duration of the video clips, in seconds, for Android User Device Type for MP4 Container Type.
Total Bytes Sent to the User	The total bytes of video data sent to the subscriber UE for Android User Device Type for MP4 Container Type.
Total Video Object Count	The total number of video objects for Android User Device Type for MP4 Container Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for Android User Device Type for MP4 Container Type.
Device Type Laptop	
Total Content Size of the Videos	The total size of the video clips in bytes for Laptop User Device Type for MP4 Container Type.
Total Duration of the Videos	The total duration of the video clips, in seconds, for Laptop User Device Type for MP4 Container Type.

Field	Description
Total Bytes Sent to the User	The total bytes of video data sent to the subscriber UE for Laptop User Device Type for MP4 Container Type.
Total Video Object Count	The total number of video objects for Laptop User Device Type for MP4 Container Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for Laptop User Device Type for MP4 Container Type.
Device Type Others	
Total Content Size of the Videos	The total size of the video clips in bytes for other User Device Type for MP4 Container Type.
Total Duration of the Videos	The total duration of the video clips, in seconds, for other User Device Type for MP4 Container Type.
Total Bytes Sent to the User	The total bytes of video data sent to the subscriber UE for other User Device Type for MP4 Container Type.
Total Video Object Count	The total number of video objects for other User Device Type for MP4 Container Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for other User Device Type for MP4 Container Type.

show active-charging video detailed-statistics rat cdma

Note that there are additional **rat** options for this command, as follows: **rat gprs**, **rat hspa**, **rat lte**, **rat others**, **rat umts**, and **rat wlan**.

Table 105: show active-charging video detailed-statistics rat cdma Command Output Descriptions

Field	Description
User Device Type iOS	
Total Content Size of the Videos	The total size of the video clips in bytes for iOS User Device Type for CDMA Radio Access Type.
Total Duration of the Videos	The total duration of the video clips, in seconds, for iOS User Device Type for CDMA Radio Access Type.
Total Bytes Sent to the User	The total bytes of video data sent to the subscriber UE for iOS User Device Type for CDMA Radio Access Type.
Total Duration of Video Sessions	The total duration, in seconds, of the video sessions for iOS User Device Type for CDMA Radio Access Type.

Field	Description
Total Number of TCP Flows for Video Sessions	The total number of TCP flows used to download a video for iOS User Device Type for CDMA Radio Access Type.
Total Video Object Count	The total number of video objects for iOS User Device Type for CDMA Radio Access Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for iOS User Device Type for CDMA Radio Access Type.
Average Delivery Bit Rate	The average delivery bit rate for iOS User Device Type for CDMA Radio Access Type.
Percentage of Video Downloaded	The percentage of bytes downloaded for video for iOS User Device Type for CDMA Radio Access Type.
User Device Type Android	
Total Content Size of the Videos	The total size of the video clips in bytes for Android User Device Type for CDMA Radio Access Type.
Total Duration of the Videos	The total duration of the video clips, in seconds, for Android User Device Type for CDMA Radio Access Type.
Total Bytes Sent to the User	The total bytes of video data sent to the subscriber UE for Android User Device Type for CDMA Radio Access Type.
Total Duration of Video Sessions	The total duration, in seconds, of the video sessions for Android User Device Type for CDMA Radio Access Type.
Total Number of TCP Flows for Video Sessions	The total number of TCP flows used to download a video for Android User Device Type for CDMA Radio Access Type.
Total Video Object Count	The total number of video objects for Android User Device Type for CDMA Radio Access Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for Android User Device Type for CDMA Radio Access Type.
Average Delivery Bit Rate	The average delivery bit rate for Android User Device Type for CDMA Radio Access Type.
Percentage of Video Downloaded	The percentage of bytes downloaded for video for Android User Device Type for CDMA Radio Access Type.
User Device Type Laptop	
Total Content Size of the Videos	The total size of the video clips in bytes for Laptop User Device Type for CDMA Radio Access Type.
Total Duration of the Videos	The total duration of the video clips, in seconds, for Laptop User Device Type for CDMA Radio Access Type.

Field	Description
Total Bytes Sent to the User	The total bytes of video data sent to the subscriber UE for Laptop User Device Type for CDMA Radio Access Type.
Total Duration of Video Sessions	The total duration, in seconds, of the video sessions for Laptop User Device Type for CDMA Radio Access Type.
Total Number of TCP Flows for Video Sessions	The total number of TCP flows used to download a video for Laptop User Device Type for CDMA Radio Access Type.
Total Video Object Count	The total number of video objects for Laptop User Device Type for CDMA Radio Access Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for Laptop User Device Type for CDMA Radio Access Type.
Average Delivery Bit Rate	The average delivery bit rate for Laptop User Device Type for CDMA Radio Access Type.
Percentage of Video Downloaded	The percentage of bytes downloaded for video for Laptop User Device Type for CDMA Radio Access Type.
User Device Type Others	
Total Content Size of the Videos	The total size of the video clips in bytes for other User Device Type for CDMA Radio Access Type.
Total Duration of the Videos	The total duration of the video clips, in seconds, for other User Device Type for CDMA Radio Access Type.
Total Bytes Sent to the User	The total bytes of video data sent to the subscriber UE for other User Device Type for CDMA Radio Access Type.
Total Duration of Video Sessions	The total duration, in seconds, of the video sessions for other User Device Type for CDMA Radio Access Type.
Total Number of TCP Flows for Video Sessions	The total number of TCP flows used to download a video for other User Device Type for CDMA Radio Access Type.
Total Video Object Count	The total number of video objects for other User Device Type for CDMA Radio Access Type. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for other User Device Type for CDMA Radio Access Type.
Average Delivery Bit Rate	The average delivery bit rate for other User Device Type for CDMA Radio Access Type.
Percentage of Video Downloaded	The percentage of bytes downloaded for video for other User Device Type for CDMA Radio Access Type.

show active-charging video detailed-statistics ue laptop

Note that there are additional **ue** options for this command, as follows: **ue android**, **ue ios**, and **ue others**.

Table 106: show active-charging video detailed-statistics ue laptop Command Output Descriptions

Field	Description
Radio Type GPRS	
Total Content Size of the Videos	The total size in payload bytes (HTTP content length) of the video clips for GPRS Radio Access Type for laptops.
Total Duration of the Videos	The total duration of the video clips, in seconds, for GPRS Radio Access Type for laptops.
Total Bytes Sent to the User	The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for GPRS Radio Access Type for laptops.
Total Duration of Video Sessions	The total duration, in seconds, of the video sessions for GPRS Radio Access Type for laptops.
Total Number of TCP Flows for Video Sessions	The total number of TCP flows used to download all videos for GPRS Radio Access Type for laptops.
Total Video Object Count	The total number of video objects for GPRS Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for GPRS Radio Access Type for laptops.
Average Delivery Bit Rate	The average delivery bit rate for GPRS Radio Access Type for laptops.
Percentage of Video Downloaded	The average percentage (in terms of bytes) of video files downloaded for GPRS Radio Access Type for laptops.
Radio Type UMTS	
Total Content Size of the Videos	The total size in payload bytes (HTTP content length) of the video clips for UMTS Radio Access Type for laptops.
Total Duration of the Videos	The total duration of the video clips, in seconds, for UMTS Radio Access Type for laptops.
Total Bytes Sent to the User	The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for UMTS Radio Access Type for laptops.
Total Duration of Video Sessions	The total duration, in seconds, of the video sessions for UMTS Radio Access Type for laptops.
Total Number of TCP Flows for Video Sessions	The total number of TCP flows used to download all videos for UMTS Radio Access Type for laptops.

Field	Description
Total Video Object Count	The total number of video objects for UMTS Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for UMTS Radio Access Type for laptops.
Average Delivery Bit Rate	The average delivery bit rate for UMTS Radio Access Type for laptops.
Percentage of Video Downloaded	The average percentage (in terms of bytes) of video files downloaded for UMTS Radio Access Type for laptops.
Radio Type LTE	
Total Content Size of the Videos	The total size in payload bytes (HTTP content length) of the video clips for LTE Radio Access Type for laptops.
Total Duration of the Videos	The total duration of the video clips, in seconds, for LTE Radio Access Type for laptops.
Total Bytes Sent to the User	The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for LTE Radio Access Type for laptops.
Total Duration of Video Sessions	The total duration, in seconds, of the video sessions for LTE Radio Access Type for laptops.
Total Number of TCP Flows for Video Sessions	The total number of TCP flows used to download all videos for LTE Radio Access Type for laptops.
Total Video Object Count	The total number of video objects for LTE Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for LTE Radio Access Type for laptops.
Average Delivery Bit Rate	The average delivery bit rate for LTE Radio Access Type for laptops.
Percentage of Video Downloaded	The average percentage (in terms of bytes) of video files downloaded for LTE Radio Access Type for laptops.
Radio Type HSPA	
Total Content Size of the Videos	The total size in payload bytes (HTTP content length) of the video clips for HSPA Radio Access Type for laptops.
Total Duration of the Videos	The total duration of the video clips, in seconds, for HSPA Radio Access Type for laptops.
Total Bytes Sent to the User	The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for HSPA Radio Access Type for laptops.
Total Duration of Video Sessions	The total duration, in seconds, of the video sessions for HSPA Radio Access Type for laptops.

Field	Description
Total Number of TCP Flows for Video Sessions	The total number of TCP flows used to download all videos for HSPA Radio Access Type for laptops.
Total Video Object Count	The total number of video objects for HSPA Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for HSPA Radio Access Type for laptops.
Average Delivery Bit Rate	The average delivery bit rate for HSPA Radio Access Type for laptops.
Percentage of Video Downloaded	The average percentage (in terms of bytes) of video files downloaded for HSPA Radio Access Type for laptops.
Radio Type CDMA	
Total Content Size of the Videos	The total size in payload bytes (HTTP content length) of the video clips for CDMA Radio Access Type for laptops.
Total Duration of the Videos	The total duration of the video clips, in seconds, for CDMA Radio Access Type for laptops.
Total Bytes Sent to the User	The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for CDMA Radio Access Type for laptops.
Total Duration of Video Sessions	The total duration, in seconds, of the video sessions for CDMA Radio Access Type for laptops.
Total Number of TCP Flows for Video Sessions	The total number of TCP flows used to download all videos for CDMA Radio Access Type for laptops.
Total Video Object Count	The total number of video objects for CDMA Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for CDMA Radio Access Type for laptops.
Average Delivery Bit Rate	The average delivery bit rate for CDMA Radio Access Type for laptops.
Percentage of Video Downloaded	The average percentage (in terms of bytes) of video files downloaded for video for CDMA Radio Access Type for laptops.
Radio Type WLAN	
Total Content Size of the Videos	The total size in payload bytes (HTTP content length) of the video clips for WLAN Radio Access Type for laptops.
Total Duration of the Videos	The total duration of the video clips, in seconds, for WLAN Radio Access Type for laptops.
Total Bytes Sent to the User	The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for WLAN Radio Access Type for laptops.

Field	Description
Total Duration of Video Sessions	The total duration, in seconds, of the video sessions for WLAN Radio Access Type for laptops.
Total Number of TCP Flows for Video Sessions	The total number of TCP flows used to download all videos for WLAN Radio Access Type for laptops.
Total Video Object Count	The total number of video objects for WLAN Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for WLAN Radio Access Type for laptops.
Average Delivery Bit Rate	The average delivery bit rate for WLAN Radio Access Type for laptops.
Percentage of Video Downloaded	The average percentage (in terms of bytes) of video files downloaded for video for WLAN Radio Access Type for laptops.
Radio Type Others	
Total Content Size of the Videos	The total size in payload bytes (HTTP content length) of the video clips for other Radio Access Type for laptops.
Total Duration of the Videos	The total duration of the video clips, in seconds, for other Radio Access Type for laptops.
Total Bytes Sent to the User	The total payload bytes (excluding IP and TCP headers) of video data sent to the subscriber UE for other Radio Access Type for laptops.
Total Duration of Video Sessions	The total duration, in seconds, of the video sessions for other Radio Access Type for laptops.
Total Number of TCP Flows for Video Sessions	The total number of TCP flows used to download all videos for other Radio Access Type for laptops.
Total Video Object Count	The total number of video objects for other Radio Access Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for other Radio Access Type for laptops.
Average Delivery Bit Rate	The average delivery bit rate for other Radio Access Type for laptops.
Percentage of Video Downloaded	The average percentage (in terms of bytes) of video files downloaded for other Radio Access Type for laptops.
Container Type MP4	
Total Content Size of the Videos	The total size of the video clips in bytes for MP4 Container Type for laptops.
Total Duration of the Videos	The total duration of the video clips, in seconds, for MP4 Container Type for laptops.
Total Bytes Sent to the User	The total bytes of video data sent to the subscriber UE for MP4 Container Type for laptops.

Field	Description
Total Video Object Count	The total number of video objects for MP4 Container Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for MP4 Container Type for laptops.
Container Type FLV	
Total Content Size of the Videos	The total size of the video clips in bytes for FLV Container Type for laptops.
Total Duration of the Videos	The total duration of the video clips, in seconds, for FLV Container Type for laptops.
Total Bytes Sent to the User	The total bytes of video data sent to the subscriber UE for FLV Container Type for laptops.
Total Video Object Count	The total number of video objects for FLV Container Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for FLV Container Type for laptops.
Container Type Others	
Total Content Size of the Videos	The total size of the video clips in bytes for other Container Type for laptops.
Total Duration of the Videos	The total duration of the video clips, in seconds, for other Container Type for laptops.
Total Bytes Sent to the User	The total bytes of video data sent to the subscriber UE for other Container Type for laptops.
Total Video Object Count	The total number of video objects for other Container Type for laptops. A video object exists from the creation of the first flow to the deletion of the last flow comprising each video.
Average Video Encoding Bit Rate	The average video encoding bit rate for other Container Type for laptops.

show active-charging xheader-format name

Table 107: show active-charging xheader-format name Command Output Descriptions

Field	Description
Xheader Format Name	Specfies the Xheader Format Name
Total xheader-format(s) found	Specifies the total number of xheader formats found.