

show cscf

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show cscf nat media mapping all

Table 1: show cscf nat media mapping all Command Output Descriptions

Field	Description
UE-Origin	The IP address and port number of the UE origin.
UE-Destination	The IP address and port number of the UE destination.
Nwk-Origin	The IP address and port number of the network origin.
Nwk-Destination	The IP address and port number of the network destination.
Nwk-Core-context	The context in which the network core configuration resides.
UE-Access-context	The context in which the UE access configuration resides.

show cscf peer-servers full

Table 2: show cscf peer-servers full Command Output Descriptions

Field	Description
Peer-Server name	The name of the peer server group.
Context	The context in which the peer server group configuration resides.
Server type	The type of servers in the peer server group.
Hunting-method	The hunting method used by the servers in the peer server group.
server	The name of the peer server.
Address	The IP address of the peer server expressed in IPv4 or IPv6 dotted decimal notation.
domain	The domain name of the peer server.
Monitor status	The monitoring status of the peer servers as determined by the CLI command Enabled/Disabled.
monitor-interval (seconds)	The time period, in seconds, between monitor intervals.
monitor-message	The SIP message (OPTIONS) to be sent after each monitoring interval.
monitor-response-timer (seconds)	The response wait timer, in seconds, for each monitor message.
Server mode	The mode of the peer server as determined by the CLI command Active/Standby.
Server status	The status of the peer server. Possible statuses are: • OUT_OF_SERVICE — Peer server mode changed to standby through CLI command. • AVAILABLE — Peer server mode is Active and peer server sends response to monitor message. • UNAVAILABLE— Peer server mode is Active, however, peer server does not send response to monitor message.
Network session template	Binds the nw-session-template name with the peer server.
IMS Capable	Indicates if the peer server is ims-capable or not.
Request Rx	The number of requests received by the sip-as peer server from S-CSCF during load balancing.

show cscf service li-packet-cable statistics

Refer to the *ASR 5000 Lawful Intercept Configuration Guide* for descriptions of these statistics.

show cscf service statistics name <service_name> all

Table 3: show cscf service statistics name <service_name> all Command Output Descriptions

Field	Description
CSCF Service	The name of the service and context.
CSCF Active Subscriptions	
Originating	The total current number of active subscriptions originating on this service.
Terminating (UE originated)	The total current number of UE-originated active subscriptions terminating on this service.
Terminating (PCSCF Originated)	The total current number of Proxy CSCF-originated active subscriptions terminating on this service.
Terminating (AS Originated)	The total current number of AS-originated active subscriptions terminating on this service.
Proxied	The total current number of active subscriptions proxied on this service.
CSCF Calls	
Total CallSetupAttempts Rx	The total current number of call setup attempts received by this service.
Total CallSetupAttempts Tx	The total current number of call setup attempts transmitted by this service.
Total CallSetupSuccess Rx	The total current number of successful call setups received by this service.
Total CallSetupSuccess Tx	The total current number of call setups successfully transmitted by this service.
Total CallSetupFailures Rx	The total current number of call setup failures received by this service.
Total CallSetupFailures Tx	The total current number of failed call setups transmitted by this service.
Total 3xx Responses Rx	The total current number of 3xx responses received by this service.
Total 3xx Responses Tx	The total current number of 3xx responses transmitted by this service.
Total 402 Payment Required Rx	The total current number of 402 Payment Required responses received by this service.
Total 402 Payment Required Tx	The total current number of 402 Payment Required responses transmitted by this service.
Total 403 Forbidden Rx	The total current number of 403 Forbidden responses received by this service.

Field	Description
Total 403 Forbidden Tx	The total current number of 403 Forbidden responses transmitted by this service.
Total 404 Not Found Rx	The total current number of 404 Not Found responses received by this service.
Total 404 Not FoundTx	The total current number of 404 Not Found responses transmitted by this service.
Total 405 Method Not Allowed Rx	The total current number of 405 Method Not Allowed responses received by this service.
Total 405 Method Not AllowedTx	The total current number of 405 Method Not Allowed responses transmitted by this service.
Total 407 Proxy Auth Required Rx	The total current number of 407 Proxy Auth Required responses received by this service.
Total 407 Proxy Auth Required Tx	The total current number of 407 Proxy Auth Required responses transmitted by this service.
Total 408 Request Timeout Rx	The total current number of 408 Request Timeout responses received by this service.
Total 408 Request Timeout Tx	The total current number of 408 Request Timeout responses transmitted by this service.
Total 420 Bad Extension Rx	The total current number of 420 Bad Extension responses received by this service.
Total 420 Bad Extension Tx	The total current number of 420 Bad Extension responses transmitted by this service.
Total 421 Extension Required Rx	The total current number of 421 Extension Required responses received by this service.
Total 421 Extension Required Tx	The total current number of 421 Extension Required responses transmitted by this service.
Total 480 Temp Not Available Rx	The total current number of 480 Temp Not Available responses received by this service.
Total 480 Temp Not Available Tx	The total current number of 480 Temp Not Available responses transmitted by this service.
Total 486 Busy Here Rx	The total current number of 486 Busy Here responses received by this service.
Total 486 Busy Here Tx	The total current number of 486 Busy Here responses transmitted by this service.
Total 487 Request Cancel Rx	The total current number of 487 Request Cancel responses received by this service.
Total 487 Request Cancel Tx	The total current number of 487 Request Cancel responses transmitted by this service.
Total 488 Not Acceptable Media Rx	The total current number of 488 Not Acceptable Media responses received by this service.

Field	Description
Total 488 Not Acceptable Media Tx	The total current number of 488 Not Acceptable Media responses transmitted by this service.
Total 4xx Responses Rx	The total current number of 4xx responses received by this service.
Total 4xx Responses Tx	The total current number of 4xx responses transmitted by this service.
Total 5xx Responses Rx	The total current number of 5xx responses received by this service.
Total 5xx Responses Tx	The total current number of 5xx responses transmitted by this service.
Total 500 Internal Error Rx	The total current number of 500 Internal Error responses received by this service.
Total 500 Internal Error Tx	The total current number of 500 Internal Error responses transmitted by this service.
Total 503 Service Unavailable Rx	The total current number of 503 Service Unavailable responses received by this service.
Total 503 Service Unavailable Tx	The total current number of 503 Service Unavailable responses transmitted by this service.
Total 6xx Responses Rx	The total current number of 6xx responses received by this service.
Total 6xx Responses Tx	The total current number of 6xx responses transmitted by this service.
Total CallReleaseAttempts Rx	The total current number of call release attempts received by this service.
Total CallReleaseAttempts Tx	The total current number of call release attempts transmitted by this service.
Total CallReleaseSuccess Rx	The total current number of call releases successfully received by this service.
Total CallReleaseSuccess Tx	The total current number of successful call releases transmitted by this service.
Total CallReleaseFailures Rx	The total current number of call release failures received by this service.
Total CallReleaseFailures Tx	The total current number of failed call releases transmitted by this service.
Total Call Attempts Challenged	The total current number of call attempts challenged on this service.
Total Session Timer Expires	The total current number of sessions on this service with expired timers.
Total Call Rejects from PCRF/PDF	The total current number of calls rejected by the PCRF/PDF from this service.
Total Call Rejects from Proxy (local)	The total current number of calls rejected by the local proxy from this service.
Total Too Large SIP Messages	The total current number of too large SIP messages on this service.
Total HSS Accesses	The total current number of HSS accesses by this service.
Total Emergency Calls	The total current number of emergency calls made through this service.
Total Toll Free Calls	The total current number of toll-free calls made through this service.
Total Premium Service Calls	The total current number of premium-service calls made through this service.

Field	Description
Total International Calls	The total current number of international calls made through this service.
Total LongDistance Calls	The total current number of long distance calls made through this service.
Total Operator Assisted Calls	The total current number of operator-assisted calls made through this service.
Total Directory Assisted Calls	The total current number of directory-assisted calls made through this service.
Total Media (audio) Loss Call Releases	The total current number of media (audio) loss call releases by this service.
Total RTP Packets Sent	The total current number of RTP packets sent by this service.
Total RTP Packets Received	The total current number of RTP packets received by this service.
Total MSRP Packets Sent	The total current number of MSRP TCP packets sent by this service.
Total MSRP Packets Received	The total current number of MSRP TCP packets received by this service.
Total RTCP Packets Sent	The total current number of RTCP packets sent by this service.
Total RTCP Packets Received	The total current number of RTCP packets received by this service.
Total Call Releases initiated by UE	The total current number of UE-initiated call releases. • For P-CSCF, the number of BYE initiated by UE. • For S-CSCF, the number of BYE received from P-CSCF (initiated by UE/P-CSCF).
Total Call Releases initiated by Network	The total current number of network-initiated call releases. • For P-CSCF, the number of BYE received from S-CSCF. • For S-CSCF, the number of BYE received from AS, etc.
Total Call Releases initiated by Radio Loss	The total current number of Radio Loss-initiated call releases; the number of BYE originated by P-CSCF due to radio coverage loss of UE.
Total Call Releases initiated by CSCF (Local)	The total current number of CSCF (Local)-initiated call releases; the number of BYE originated by CSCF due to CLI, radio loss, network-initiated de-registration, and internal processing failure.
Total Calls rejected due to Concurrent Call limit exceeded	The total current number of calls rejected due to concurrent call limit exceeded by this service.
CSCF Congestion Control Statistcs	
Registration Attempts Rejected	The total current number of registration (SIP REGISTER message) attempts rejected by CSCF service due to congestion trigger.
Re-Registration Attempts Rejected	The total current number of re-registration (SIP REGISTER message) attempts rejected by CSCF service due to congestion trigger.

Field	Description
Call Setup Attempts Rejected	The total current number of call setup attempts (SIP INVITE) rejected by CSCF service due to congestion trigger.
Message Attempts Rejected	The total current number of SIP MESSAGE requests rejected by CSCF service due to congestion trigger.
Subscription Attempts Rejected	The total current number of SIP SUBSCRIBE requests rejected by CSCF service due to congestion trigger.
Notification Attempts Rejected	The total current number of SIP NOTIFY requests rejected by CSCF service due to congestion trigger.
Publish Attempts Rejected	The total current number of SIP PUBLISH attempts rejected by CSCF service due to congestion trigger.
Other SIP Message Attempts Rejected	The total current number of other SIP requests (excepts those mentioned above) rejected by CSCF service due to congestion trigger.
Messages dropped due to congestion	The total current number of SIP messages dropped by CSCF service due to congestion trigger.
TCP packets dropped due to congestion	The total current number of TCP packets dropped by CSCF service due to congestion trigger.
Number of times congestion applied	The number of times the sessmgr congestion control is triggered.This value is collected from all sessmgrs running the CSCF service.
Number of times congestion cleared	The number of times the sessmgr congestion control is cleared. This value is collected from all sessmgrs running the CSCF service.
CSCF MESSAGE Statistics	
Message Attempts Received	The total current number of message attempts received by this service.
Message Attempts Transmitted	The total current number of message attempts transmitted by this service.
Message Success Received	The total current number of successful messages received by this service.
Message Success Transmitted	The total current number of messages successfully transmitted by this service.
Message Failures Received	The total current number of message failures received by this service.
Message Failures Transmitted	The total current number of failed messages transmitted by this service.
3xx Response Received	The total current number of 3xx Response messages received on this service.
3xx Response Transmitted	The total current number of 3xx Response messages transmitted by this service.
400 Bad Request Received	The total current number of 400 Bad Request messages received on this service.
400 Bad Request Transmitted	The total current number of 400 Bad Request messages transmitted by this service.
403 Forbidden Received	The total current number of 403 Forbidden messages received on this service.

Field	Description
403 Forbidden Transmitted	The total current number of 403 Forbidden messages transmitted by this service.
404 Not Found Received	The total current number of 404 Not Found messages received on this service.
404 Not Found Transmitted	The total current number of 404 Not Found messages transmitted by this service.
413 Request Entity Too Large	The total current number of 413 Request Entity Too Large messages received on this service.
413 Request Entity Too Large	The total current number of 413 Request Entity Too Large messages transmitted by this service.
415 Unsupport Media Type Received	The total current number of 415 Unsupport Media Type messages received on this service.
415 Unsupport Media Type Transmitted	The total current number of 415 Unsupport Media Type messages transmitted by this service.
416 Unsupport URI Scheme Received	The total current number of 416 Unsupport URI Scheme messages received on this service.
416 Unsupport URI Scheme Transmitted	The total current number of 416 Unsupport URI Scheme messages transmitted by this service.
420 Bad Extension Received	The total current number of 420 Bad Extension messages received on this service.
420 Bad Extension Transmitted	The total current number of 420 Bad Extension messages transmitted by this service.
421 Extension Required Received	The total current number of 421 Extension Required messages received on this service.
421 Extension Required Transmitted	The total current number of 421 Extension Required messages transmitted by this service.
480 Temp Not Available Received	The total current number of 480 Temp Not Available messages received on this service.
480 Temp Not Available Transmitted	The total current number of 480 Temp Not Available messages transmitted by this service.
488 Not Acceptable Media Received	The total current number of 488 Not Acceptable Media messages received on this service.
488 Not Acceptable Mediad Transmitted	The total current number of 488 Not Acceptable Media messages transmitted by this service.
4xx Response Received	The total current number of 4xx Response messages received on this service.
4xx Response Transmitted	The total current number of 4xx Response messages transmitted by this service.
500 Internal Error Received	The total current number of 500 Internal Error messages received on this service.

Field	Description
500 Internal Error Transmitted	The total current number of 500 Internal Error messages transmitted by this service.
513 Message Too Large Received	The total current number of 513 Message Too Large messages received on this service.
513 Message Too Large Transmitted	The total current number of 513 Message Too Large messages transmitted by this service.
5xx Response Received	The total current number of 5xx Response messages received on this service.
5xx Response Transmitted	The total current number of 5xx Response messages transmitted by this service.
6xx Response Received	The total current number of 6xx Response messages received on this service.
6xx Response Transmitted	The total current number of 6xx Response messages transmitted by this service.
CSCF Performance	
Invite Processing Time	Minimum and maximum time (in ms) required to process an INVITE message (time elapsed between the INVITE entering the proxy and the INVITE forwarded out of the proxy).
First Response Time	Minimum and maximum time (in ms) between sending an INVITE message out of the proxy and the first response received for the INVITE (any 1xx).
Post Dial Delay	Minimum and maximum time (in ms) between sending an INVITE message out of the proxy and receiving the ringing message or any final response to the INVITE.
Session Setup Delay	Minimum and maximum time (in ms) between when an INVITE message was received by the proxy and a 200 OK (invite) sent out of the proxy.
Post Answer Delay	Minimum and maximum time (in ms) between a 200 OK INVITE message received by the proxy and the ACK message (for invite) sent out of the proxy.
Session Release Delay	Minimum and maximum time (in ms) between when a BYE message is received by the proxy and a 200 OK BYE is sent out of the proxy.
CSCF Registrations	
Current Registered Users	The current number of users registered to this service.
Current Secure Connections	The current number of secure connections to this service.
Current Unsecure Connections	The current number of unsecure connections to this service.
Total Failed Authentications	The total current number of failed authentications for this service.
Total Registration Expires	The total current number of expired registrations on this service.
Total Registration from Roaming UE	The total number of registrations from Roaming UE.

Field	Description
Total Successful Registration from Roaming UE	The total number 200 ok to registrations from Roaming UE.
Total Failed Registration from Roaming UE	The total number of failed registrations from Roaming UE.
Total 403 response to Registration from Roaming UE	The total number of 403 response to registration from Roaming UE.
Total Re-Registration from Roaming UE	The total number of re-registration from Roaming UE.
Total Successful Re-Registration from Roaming UE	The total number 200 ok to re-registrations from Roaming UE.
Total Failed Re-Registration from Roaming UE	The total number of failed re-registrations from Roaming UE.
Total 403 response to Re-Registration from Roaming UE	The total number of 403 response to re-registration from Roaming UE.
Total De-Registration from Roaming UE	The total number of de-registration from Roaming UE.
Total Successful De-Registration from Roaming UE	The total number 200 ok to de-registrations from Roaming UE.
Total Failed De-Registration from Roaming UE	The total number of failed de-registrations from Roaming UE.
Total 403 response to De-Registration from Roaming UE	The total number of 403 response to de-registration from Roaming UE.
Total De-registrations initiated by UE	The total current number of UE-initiated de-registration requests on this service.
Total De-registrations initiated by Network	The total current number of network-initiated de-registration requests received by P-CSCF from S-CSCF or by S-CSCF/SIP Proxy from internal/HSS trigger on this service.
Total Secure Registrations	The total current number of secure registrations on this service.
Total Failed Secure Registrations	The total current number of failed secure registrations on this service.
Registration Statistics	
Registration Attempts Received	The total current number of registration attempts received on this service.
Registration Attempts Transmitted	The total current number of registration attempts transmitted by this service.
Registration Success Received	The total current number of registration successes received on this service.
Registration Success Transmitted	The total current number of registration successes transmitted by this service.
Registration Failures Received	The total current number of registration failures received on this service.
Registration Failures Transmitted	The total current number of registration failures transmitted by this service.

Field	Description
401 Unauthorized (Registration) Received	The total current number of 401 Unauthorized responses to registration received on this service.
401 Unauthorized (Registration) Transmitted	The total current number of 401 Unauthorized responses to registration transmitted by this service.
403 Forbidden (Registration) Received	The total current number of 403 Forbidden responses to registration received on this service.
403 Forbidden (Registration) Transmitted	The total current number of 403 Forbidden responses to registration transmitted by this service.
404 Not Found (Registration) Received	The total current number of 404 Not Found responses to registration received on this service.
404 Not Found (Registration) Transmitted	The total current number of 404 Not Found responses to registration transmitted by this service.
420 Bad Extension (Registration) Received	The total current number of 420 Bad Extension responses to registration received on this service.
420 Bad Extension (Registration) Transmitted	The total current number of 420 Bad Extension responses to registration transmitted by this service.
439 First HopLackOb (Registration) Received	The total current number of 439 First Hop Lack Outbound responses to registration received on this service.
439 First HopLackOb (Registration) Transmitted	The total current number of 439 First Hop Lack Outbound responses to registration transmitted by this service.
4xx Responses (Registration) Received	The total current number of 4xx responses to registration received on this service.
4xx Responses (Registration) Transmitted	The total current number of 4xx responses to registration transmitted by this service.
500 Internal Error (Registration) Received	The total current number of 500 Internal Error responses to registration received on this service.
500 Internal Error (Registration) Transmitted	The total current number of 500 Internal Error responses to registration transmitted by this service.
5xx Responses (Registration) Received	The total current number of 5xx responses to registration received on this service.
5xx Responses (Registration) Transmitted	The total current number of 5xx responses to registration transmitted by this service.
6xx Responses (Registration) Received	The total current number of 6xx responses to registration received on this service.
6xx Responses (Registration) Transmitted	The total current number of 6xx responses to registration transmitted by this service.
Re-Registration Statistics	

Field	Description
Re-Registration Attempts Received	The total current number of re-registration attempts received on this service.
Re-Registration Attempts Transmitted	The total current number of re-registration attempts transmitted by this service.
Re-Registration Success Received	The total current number of re-registration successes received on this service.
Re-Registration Success Transmitted	The total current number of re-registration successes transmitted by this service.
Re-Registration Failures Received	The total current number of re-registration failures received on this service.
Re-Registration Failures Transmitted	The total current number of re-registration failures transmitted by this service.
401 Unauthorized (Re-Registration) Received	The total current number of 401 Unauthorized responses to re-registration received on this service.
401 Unauthorized (Re-Registration) Transmitted	The total current number of 401 Unauthorized responses to re-registration transmitted by this service.
403 Forbidden (Re-Registration) Received	The total current number of 403 Forbidden responses to re-registration received on this service.
403 Forbidden (Re-Registration) Transmitted	The total current number of 403 Forbidden responses to re-registration transmitted by this service.
404 Not Found (Re-Registration) Received	The total current number of 404 Not Found responses to re-registration received on this service.
404 Not Found (Re-Registration) Transmitted	The total current number of 404 Not Found responses to re-registration transmitted by this service.
420 Bad Extension (Re-Registration) Received	The total current number of 420 Bad Extension responses to re-registration received on this service.
420 Bad Extension (Re-Registration) Transmitted	The total current number of 420 Bad Extension responses to re-registration transmitted by this service.
439 First HopLackOb (Re-Registration) Received	The total current number of 439 First Hop Lack Outbound responses to re-registration received on this service.
439 First HopLackOb (Re-Registration) Transmitted	The total current number of 439 First Hop Lack Outbound responses to re-registration transmitted by this service.
4xx Responses (Re-Registration) Received	The total current number of 4xx responses to re-registration received on this service.
4xx Responses (Re-Registration) Transmitted	The total current number of 4xx responses to re-registration transmitted by this service.
500 Internal Error (Re-Registration) Received	The total current number of 500 Internal Error responses to re-registration received on this service.
500 Internal Error (Re-Registration) Transmitted	The total current number of 500 Internal Error responses to re-registration transmitted by this service.

Field	Description
5xx Responses (Re-Registration) Received	The total current number of 5xx responses to re-registration received on this service.
5xx Responses (Re-Registration) Transmitted	The total current number of 5xx responses to re-registration transmitted by this service.
6xx Responses (Re-Registration) Received	The total current number of 6xx responses to re-registration received on this service.
6xx Responses (Re-Registration) Transmitted	The total current number of 6xx responses to re-registration transmitted by this service.
De-Registration Statistics	
De-Registration Attempts Received	The total current number of de-registration attempts received on this service.
De-Registration Attempts Transmitted	The total current number of de-registration attempts transmitted by this service.
De-Registration Success Received	The total current number of de-registration successes received on this service.
De-Registration Success Transmitted	The total current number of de-registration successes transmitted by this service.
De-Registration Failures Received	The total current number of de-registration failures received on this service.
De-Registration Failures Transmitted	The total current number of de-registration failures transmitted by this service.
401 Unauthorized (De-Registration) Received	The total current number of 401 Unauthorized responses to de-registration received on this service.
401 Unauthorized (De-Registration) Transmitted	The total current number of 401 Unauthorized responses to de-registration transmitted by this service.
403 Forbidden (De-Registration) Received	The total current number of 403 Forbidden responses to de-registration received on this service.
403 Forbidden (De-Registration) Transmitted	The total current number of 403 Forbidden responses to de-registration transmitted by this service.
404 Not Found (De-Registration) Received	The total current number of 404 Not Found responses to de-registration received on this service.
404 Not Found (De-Registration) Transmitted	The total current number of 404 Not Found responses to de-registration transmitted by this service.
420 Bad Extension (De-Registration) Received	The total current number of 420 Bad Extension responses to de-registration received on this service.
420 Bad Extension (De-Registration) Transmitted	The total current number of 420 Bad Extension responses to de-registration transmitted by this service.
439 First HopLackOb (De-Registration) Received	The total current number of 439 First Hop Lack Outbound responses to de-registration received on this service.

Field	Description
439 First HopLackOb (De-Registration) Transmitted	The total current number of 439 First Hop Lack Outbound responses to de-registration transmitted by this service.
4xx Responses (De-Registration) Received	The total current number of 4xx responses to de-registration received on this service.
4xx Responses (De-Registration) Transmitted	The total current number of 4xx responses to de-registration transmitted by this service.
500 Internal Error (De-Registration) Received	The total current number of 500 Internal Error responses to de-registration received on this service.
500 Internal Error (De-Registration) Transmitted	The total current number of 500 Internal Error responses to de-registration transmitted by this service.
5xx Responses (Re-Registration) Received	The total current number of 5xx responses to de-registration received on this service.
5xx Responses (De-Registration) Transmitted	The total current number of 5xx responses to de-registration transmitted by this service.
6xx Responses (De-Registration) Received	The total current number of 6xx responses to de-registration received on this service.
6xx Responses (De-Registration) Transmitted	The total current number of 6xx responses to de-registration transmitted by this service.
Unclassified Requests (Registration) Received	The total current number of unclassified request responses to registration received on this service.
4XX Responses (Unclassified Requests) Transmitted	The total current number of 4XX responses (Unclassified Requests) transmitted by this service.
5XX Responses (Unclassified Requests) Transmitted	The total current number of 5XX Responses (Unclassified Requests) transmitted by this service.
IP-Security Statistics	
Total Secure Connection	The total number of subscribers with secure connections on this service.
Total Unsecure Connection	The total number of subscribers with unsecure connections on this service.
Total Security Association Rejects	The total number of security association rejections on this service.
Total Secure Registrations	The total number of secure registrations on this service.
Total Secure Re-registrations	The total number of secure re-registrations on this service.
Total Secure De-registrations	The total number of secure de-registrations on this service.
Total Emergency Registrations	The total number of emergency registrations on this service.
Total Failed Secure Registrations	The total number of failed secure registrations on this service.

Field	Description
Total IP-Sec Packets Received	The total number of IPSec packets received on this service.
Total IP-Sec Packets Transmitted	The total number of IPSec packets transmitted by this service.
Total IP-Sec Octets Received	The total number of IPSec octets received on this service.
Total IP-Sec Octets Transmitted	The total number of IPSec octets transmitted by this service.
Total Registration Rejects Due to Sec-Agree	The total number of registration rejections due to security agreement on this service.
Total Registration Rejects Due to Algorithm Mismatch	The total number of registration rejections due to algorithm mismatch on this service.
Total Messages Dropped Due to Error	The total number of messages dropped due to error on this service.
Total Messages With Incorrect Security Verify	The total number of messages with incorrect security verification on this service.
MSRP TCP Connection Statistics	
Total TCP Subscribers	The total number of subscribers having TCP connections for MSRP Signaling on this service.
Active Connections	The total number of active TCP connections for MSRP Signaling on this service.
Total Connections Closed	The total number of TCP connections for MSRP Signaling closed on this service.
Total Successful Outgoing Connections	The total number of successful outgoing TCP connections for MSRP Signaling on this service.
Total Failed Outgoing Connections	The total number of failed outgoing TCP connections for MSRP Signaling on this service.
Total Successful Incoming Connections	The total number of successful incoming TCP connections for MSRP Signaling on this service.
Total Failed Incoming Connections	The total number of failed incoming TCP connections for MSRP Signaling on this service.
Total Packets Sent	The total number of TCP/IP packets transmitted by CSCF service.
Total Packets Received	The total number of TCP/IP packets received by CSCF service.
Total Bytes Sent	The total number of bytes transmitted.
Total Bytes Received	The total number of bytes received.
Others	
Current CSCF Sessions	The number of currently active CSCF sessions existing on this service.

Field	Description
Total CSCF Sessions	Total number of CSCF sessions created so far for originating/proxying SIP messages. This counter should not include CSCF sessions created for internal processing, like ROUTE REQUEST. Also, this counter should not get incremented for REGISTER requests received by S-CSCF as it acts as registrar and S-CSCF callleg itself can handle this.
Total TCP Subscribers	Total number of subscribers with an active TCP connection (MSRP, SIP, or both) existing on this service.
Active TCP Connections	Total number of currently active TCP connections for both MSRP and SIP existing on this service.
Current IPsec TCP Connections	Total number of currently active IPSec TCP connections existing on this service.
405 Method Not Allowed Rejections	Total number of 405 Method Not Allowed Rejections existing on this service.
SigComp Statistics	
Total Requests Compressed	The total number of SIP request messages compressed by this service.
Total Requests Decompressed	The total number of SIP request messages decompressed by this service.
Total Responses Compressed	The total number of SIP response messages compressed by this service.
Total Responses Decompressed	The total number of SIP response messages decompressed by this service.
Total NACK Packets Received	The total number of NACK (negative acknowledgement) packets received by this service.
Total NACK Packets Transmitted	The total number of NACK (negative acknowledgement) packets transmitted by this service.
Total Compression Failures	The current total number of compression failures that occurred in this service.
Total Decompression Failures	The current total number of decompression failures that occurred in this service.
SigComp Effectiveness Ratio results in this section are derived using the following formula: (Sb - Sa)*100/(Sb) where Sb = the size of the message before compression and Sa = the size of the message after compression.	
Best compression ratio (Outgoing message)	The current best compression ratio achieved for messages sent by this service.
Worst compression ratio (Outgoing message)	The current worst compression ratio achieved for messages sent by this service. Usually this will be a negative value indicating that the message had expanded instead of compressed.
Average compression ratio (Outgoing message)	The running average compression of messages sent by this service. The average is derived using the following formula: (S(Sb) - S(Sa))*100/(S(Sb)).
Best compression ratio (Incoming message)	The current best compression ratio achieved for messages received by this service.

Field	Description
Worst compression ratio (Incoming message)	The current worst compression ratio achieved for messages received by this service. Usually this will be a negative value indicating that the message had expanded instead of compressed.
Average compression ratio (Incoming message)	The running average compression of messages received by this service. The average is derived using the following formula: (S(Sb) - S(Sa))*100/(S(Sb)).
SIP TCP Connection Statistics	
Total TCP Subscribers	The total number of subscribers having TCP connections for SIP Signaling on this service.
Active Connections	The total number of active TCP connections for SIP Signaling on this service.
Total Connections Closed	The total number of TCP connections for SIP Signaling closed on this service.
Total Successful Outgoing Connections	The total number of successful outgoing TCP connections for SIP Signaling on this service.
Total Failed Outgoing Connections	The total number of failed outgoing TCP connections for SIP Signaling on this service.
Total Successful Incoming Connections	The total number of successful incoming TCP connections for SIP Signaling on this service.
Total Failed Incoming Connections	The total number of failed incoming TCP connections for SIP Signaling on this service.
Total Migrated Connections	The total number of TCP conenctions migrated from Cscfmgr to Sessmgr for load balancing.
Total Packets Sent	The total number of TCP/IP packets transmitted by CSCF service.
Total Packets Received	The total number of TCP/IP packets received by CSCF service.
Total Bytes Sent	The total number of bytes transmitted.
Total Bytes Received	The total number of bytes received.
Subscription Package	
Subscription Attempts Received	The total current number of subscription attempts received on this service.
Subscription Attempts Transmitted	The total current number of subscription attempts transmitted by this service.
Subscription Success Received	The total current number of subscription successes received on this service.
Subscription Success Transmitted	The total current number of subscription successes transmitted by this service.
Subscription Failures Received	The total current number of subscription failures received on this service.
Subscription Failures Transmitted	The total current number of subscription failures transmitted by this service.

Field	Description
200 OK (Subscription) Received	The total current number of 200 OK responses to registration received on this service.
200 OK (Subscription) Transmitted	The total current number of 200 OK responses to registration transmitted by this service.
202 Accepted (Subscription) Received	The total current number of 202 Accepted responses to registration received on this service.
202 Accepted (Subscription) Transmitted	The total current number of 202 Accepted responses to registration transmitted by this service.
400 Bad Request (Subscription) Received	The total current number of 400 Bad Request responses to registration received on this service.
400 Bad Request (Subscription) Transmitted	The total current number of 400 Bad Request responses to registration transmitted by this service.
403 Forbidden (Subscription) Received	The total current number of 403 Forbidden responses to registration received on this service.
403 Forbidden (Subscription) Transmitted	The total current number of 403 Forbidden responses to registration transmitted by this service.
481 Trans Does Not Exist (Subscription) Received	The total current number of 481 Trans Does Not Exist responses to registration received on this service.
481 Trans Does Not Exist (Subscription) Transmitted	The total current number of 481 Trans Does Not Exist responses to registration transmitted by this service.
489 Bad Event (Subscription) Received	The total current number of 489 Bad Event responses to registration received on this service.
489 Bad Event (Subscription) Transmitted	The total current number of 489 Bad Event responses to registration transmitted by this service.
500 Internal Error (Subscription) Received	The total current number of 500 Internal Error responses to registration received on this service.
500 Internal Error (Subscription) Transmitted	The total current number of 500 Internal Error responses to registration transmitted by this service.
Re-Subscription Attempts Received	The total current number of re-subscription attempts received on this service.
Re-Subscription Attempts Transmitted	The total current number of re-subscription attempts transmitted by this service.
Re-Subscription Success Received	The total current number of re-subscription successes received on this service.
Re-Subscription Success Transmitted	The total current number of re-subscription successes transmitted by this service.
Re-Subscription Failures Received	The total current number of re-subscription failures received on this service.
Re-Subscription Failures Transmitted	The total current number of re-subscription failures transmitted by this service.

Field	Description
200 OK (Re-Subscription) Received	The total current number of 200 OK responses to re-registration received on this service.
200 OK (Re-Subscription) Transmitted	The total current number of 200 OK responses to re-registration transmitted by this service.
202 Accepted (Re-Subscription) Received	The total current number of 202 Accepted responses to re-registration received on this service.
202 Accepted (Re-Subscription) Transmitted	The total current number of 202 Accepted responses to re-registration transmitted by this service.
400 Bad Request (Re-Subscription) Received	The total current number of 400 Bad Request responses to re-registration received on this service.
400 Bad Request (Re-Subscription) Transmitted	The total current number of 400 Bad Request responses to re-registration transmitted by this service.
403 Forbidden (Re-Subscription) Received	The total current number of 403 Forbidden responses to re-registration received on this service.
403 Forbidden (Re-Subscription) Transmitted	The total current number of 403 Forbidden responses to re-registration transmitted by this service.
481 Trans Does Not Exist (Re-Subscription) Received	The total current number of 481 Trans Does Not Exist responses to re-registration received on this service.
481 Trans Does Not Exist (Re-Subscription) Transmitted	The total current number of 481 Trans Does Not Exist responses to re-registration transmitted by this service.
489 Bad Event (Re-Subscription) Received	The total current number of 489 Bad Event responses to re-registration received on this service.
489 Bad Event (Re-Subscription) Transmitted	The total current number of 489 Bad Event responses to re-registration transmitted by this service.
500 Internal Error (Re-Subscription) Received	The total current number of 500 Internal Error responses to re-registration received on this service.
500 Internal Error (Re-Subscription) Transmitted	The total current number of 500 Internal Error responses to re-registration transmitted by this service.
Un-Subscription Attempts Received	The total current number of un-subscription attempts received on this service.
Un-Subscription Attempts Transmitted	The total current number of un-subscription attempts transmitted by this service.
Un-Subscription Success Received	The total current number of un-subscription successes received on this service.
Un-Subscription Success Transmitted	The total current number of un-subscription successes transmitted by this service.
Un-Subscription Failures Received	The total current number of un-subscription failures received on this service.
Un-Subscription Failures Transmitted	The total current number of un-subscription failures transmitted by this service.

Field	Description
200 OK (Un-Subscription) Received	The total current number of 200 OK responses to un-registration received on this service.
200 OK (Un-Subscription) Transmitted	The total current number of 200 OK responses to un-registration transmitted by this service.
202 Accepted (Un-Subscription) Received	The total current number of 202 Accepted responses to un-registration received on this service.
202 Accepted (Un-Subscription) Transmitted	The total current number of 202 Accepted responses to un-registration transmitted by this service.
400 Bad Request (Un-Subscription) Received	The total current number of 400 Bad Request responses to un-registration received on this service.
400 Bad Request (Un-Subscription) Transmitted	The total current number of 400 Bad Request responses to un-registration transmitted by this service.
403 Forbidden (Un-Subscription) Received	The total current number of 403 Forbidden responses to un-registration received on this service.
403 Forbidden (Un-Subscription) Transmitted	The total current number of 403 Forbidden responses to un-registration transmitted by this service.
481 Trans Does Not Exist (Un-Subscription) Received	The total current number of 481 Trans Does Not Exist responses to un-registration received on this service.
481 Trans Does Not Exist (Un-Subscription) Transmitted	The total current number of 481 Trans Does Not Exist responses to un-registration transmitted by this service.
489 Bad Event (Un-Subscription) Received	The total current number of 489 Bad Event responses to un-registration received on this service.
489 Bad Event (Un-Subscription) Transmitted	The total current number of 489 Bad Event responses to un-registration transmitted by this service.
500 Internal Error (Un-Subscription) Received	The total current number of 500 Internal Error responses to un-registration received on this service.
500 Internal Error (Un-Subscription) Transmitted	The total current number of 500 Internal Error responses to un-registration transmitted by this service.
Notify Attempts Received	The total current number of notify attempts received on this service.
Notify Attempts Transmitted	The total current number of notify attempts transmitted by this service.
Notify Success Received	The total current number of notify successes received on this service.
Notify Success Transmitted	The total current number of notify successes transmitted by this service.
Notify Failures Received	The total current number of notify failures received on this service.
Notify Failures Transmitted	The total current number of notify failures transmitted by this service.

Field	Description
Publish Attempts Received	The total current number of publish attempts received on this service.
Publish Attempts Transmitted	The total current number of publish attempts transmitted by this service.
Publish Success Received	The total current number of publish successes received on this service.
Publish Success Transmitted	The total current number of publish successes transmitted by this service.
Publish Failures Received	The total current number of publish failures received on this service.
Publish Failures Transmitted	The total current number of publish failures transmitted by this service.
Un-Publish Attempts Received	The total current number of un-publish attempts received on this service.
Un-Publish Attempts Transmitted	The total current number of un-publish attempts transmitted by this service.
Un-Publish Success Received	The total current number of un-publish successes received on this service.
Un-Publish Success Transmitted	The total current number of un-publish successes transmitted by this service.
Un-Publish Failures Received	The total current number of un-publish failures received on this service.
Un-Publish Failures Transmitted	The total current number of un-publish failures transmitted by this service.
TCP Connection Statistics	
Active IP-Sec Connections	The total number of active IPSec TCP connections on this service.
Total IP-Sec Connections Closed	The total number of IPSec TCP connections closed on this service.
Total Successful IP-Sec Outgoing Connections	The total number of successful outgoing IPSec TCP connections on this service.
Total Failed IP-Sec Outgoing Connections	The total number of failed outgoing IPSec TCP connections on this service.
Total Successful IP-Sec Incoming Connections	The total number of successful incoming IPSec TCP connections on this service.
Total Failed IP-Sec Incoming Connections	The total number of failed incoming IPSec TCP connections on this service.
ATCF Call Statistics	
Access Transfer Attempts	Total number of Access Transfer Attempts received/transmitted.
Access Transfer Success	Total number of Access Transfer Successes received/transmitted.
Access Transfer Failures	Total number of Access Transfer Failures received/transmitted.
404 Error Response	Total number of 404 received/transmitted for Access Transfer requests.
500 Internal Error	Total number of 500 internal errors received/transmitted for Access Transfer requests.
488 Response	Total number of 488 received/transmitted for Access Transfer requests.

Field	Description
4xx Responses	Total number of 4XX received/transmitted for Access Transfer requests.
5xx Responses	Total number of 5XX received/transmitted for Access Transfer requests.
6xx Responses	Total number of 6XX received/transmitted for Access Transfer requests.
EATF Call Statistics	
Total Emergency call Access Transfer Request	The total number of Emergency call Access Transfer (EATF) requests.
Total Emergency call Access Transfer Success	The total number of Emergency call Access Transfer (EATF) successes.
Total Emergency call Access Transfer Failure	The total number of Emergency call Access Transfer (EATF) failures.
480 Error responses	The total number of 480 responses received.
488 Error responses	The total number of 488 responses received.
500 Error responses	The total number of 500 responses received.
4xx Error responses	The total number of 4XX responses received.
5xx Error responses	The total number of 5XX responses received.
Internal Error responses	The total number of internal error responses received.

show cscf sessions counters

Table 4: show cscf sessions counters Command Output Descriptions

Field	Description
Interval	
<200ms	The number of sessions that had a duration of less than 200 millisecond.
200..400ms	The number of sessions that had a duration between 200 and 400 milliseconds.
400..600ms	The number of sessions that had a duration between 400 and 600 milliseconds.
600..800ms	The number of sessions that had a duration between 600 and 800 milliseconds.
800..1000ms	The number of sessions that had a duration between 800 and 1000 milliseconds.
1000..1200ms	The number of sessions that had a duration between 1000 and 1200 milliseconds.
1200..1400ms	The number of sessions that had a duration between 1200 and 1400 milliseconds.
1400..1600ms	The number of sessions that had a duration between 1400 and 1600 milliseconds.

Field	Description
1600..1800ms	The number of sessions that had a duration between 1600 and 1800 milliseconds.
1800..2000ms	The number of sessions that had a duration between 1800 and 2000 milliseconds.
2000..2200ms	The number of sessions that had a duration between 2000 and 2200 milliseconds.
2200..2400ms	The number of sessions that had a duration between 2200 and 2400 milliseconds.
2400..2600ms	The number of sessions that had a duration between 2400 and 2600 milliseconds.
2600..2800ms	The number of sessions that had a duration between 2600 and 2800 milliseconds.
2800..3000ms	The number of sessions that had a duration between 2800 and 3000 milliseconds.
3..5sec	The number of sessions that had a duration between three and five seconds.
5..7sec	The number of sessions that had a duration between five and seven seconds.
7..9sec	The number of sessions that had a duration between seven and nine seconds.
9..11sec	The number of sessions that had a duration between nine and 11 seconds.
11..13sec	The number of sessions that had a duration between 11 and 13 seconds.
13..15sec	The number of sessions that had a duration between 13 and 15 seconds.
15..17sec	The number of sessions that had a duration between 15 and 17 seconds.
17..19sec	The number of sessions that had a duration between 17 and 19 seconds.
19..21sec	The number of sessions that had a duration between 19 and 21 seconds.
>21sec	The number of sessions that had a duration of more than 21 seconds.
Count The following provide total counts for each session type per specified interval.	
Invite Processing Time	Time required to process an INVITE message (time elapsed between the INVITE entering the proxy and the INVITE forwarded out of the proxy).
First Response Delay	Time between sending an INVITE message out of the proxy and the first response received for the INVITE (any 1xx).
Post Dial Delay	Time between sending an INVITE message out of the proxy and receiving the ringing message or any final response to the INVITE.
Session Setup Delay	Time between when an INVITE message was received by the proxy and a 200 OK (invite) sent out of the proxy.
Post Answer Delay	Time between a 200 OK INVITE message received by the proxy and the ACK message (for invite) sent out of the proxy.
Session Release Delay	Time between when a BYE message is received by the proxy and a 200 OK BYE is sent out of the proxy.

show cscf sessions duration

Table 5: show cscf sessions duration Command Output Descriptions

Field	Description
<1s	The number of sessions that had a duration of less than one second.
01..10sec	The number of sessions that had a duration between one and 10 seconds.
10..30sec	The number of sessions that had a duration between 10 and 30 seconds.
30..60sec	The number of sessions that had a duration between 30 and 60 seconds.
01..03min	The number of sessions that had a duration between one and three minutes.
03..05min	The number of sessions that had a duration between three and five minutes.
05..07min	The number of sessions that had a duration between five and seven minutes.
07..09min	The number of sessions that had a duration between seven and nine minutes.
09..11min	The number of sessions that had a duration between nine and 11 minutes.
11..13min	The number of sessions that had a duration between 11 and 13 minutes.
13..15min	The number of sessions that had a duration between 13 and 15 minutes.
15..17min	The number of sessions that had a duration between 15 and 17 minutes.
17..19min	The number of sessions that had a duration between 17 and 19 minutes.
19..21min	The number of sessions that had a duration between 19 and 21 minutes.
21..23min	The number of sessions that had a duration between 21 and 23 minutes.
23..25min	The number of sessions that had a duration between 23 and 25 minutes.
25..27min	The number of sessions that had a duration between 25 and 27 minutes.
27..29min	The number of sessions that had a duration between 27 and 29 minutes.
29..60min	The number of sessions that had a duration between 29 and 60 minutes.
>60min	The number of sessions that had a duration of more than 60 minutes.
<1hr	The number of sessions that had a duration of less than one hour.
1..2hrs	The number of sessions that had a duration between one and two hours.
2..3hrs	The number of sessions that had a duration between two and three hours.
3..4hrs	The number of sessions that had a duration between three and four hours.
4..5hrs	The number of sessions that had a duration between four and five hours.

Field	Description
5..6hrs	The number of sessions that had a duration between five and six hours.
6..7hrs	The number of sessions that had a duration between six and seven hours.
7..8hrs	The number of sessions that had a duration between seven and eight hours.
8..9hrs	The number of sessions that had a duration between eight and nine hours.
9..10hrs	The number of sessions that had a duration between nine and 10 hours.
>10hrs	The number of sessions that had a duration of more than 10 hours.

show cscf sip statistics

Table 6: show cscf sip statistics Command Output Descriptions

Field	Description
CSCF Service	The name of the service and context.
Peer IP Address	The IP address of the peer server expressed in IPv4 or IPv6 dotted decimal notation.
SIP Request Statistics	
Register	The total number of SIP Register requests received (Rx) or transmitted (Tx) by this service.
Invite	The total number of INVITE requests received (Rx) or transmitted (Tx) by this service.
Ack	The total number of ACK requests received (Rx) or transmitted (Tx) by this service.
Bye	The total number of Bye requests received (Rx) or transmitted (Tx) by this service.
Info	The total number of Info requests received (Rx) or transmitted (Tx) by this service.
Prack	The total number of PRACK requests received (Rx) or transmitted (Tx) by this service.
Refer	The total number of Refer requests received (Rx) or transmitted (Tx) by this service.
Cancel	The total number of Cancel requests received (Rx) or transmitted (Tx) by this service.
Notify	The total number of Notify requests received (Rx) or transmitted (Tx) by this service.
Update	The total number of Update requests received (Rx) or transmitted (Tx) by this service.

Field	Description
Message	The total number of Message requests received (Rx) or transmitted (Tx) by this service.
Options	The total number of Options requests received (Rx) or transmitted (Tx) by this service.
Publish	The total number of Publish requests received (Rx) or transmitted (Tx) by this service.
Subscribe	The total number of Subscribe requests received (Rx) or transmitted (Tx) by this service.
Notify	The total number of Notify requests received (Rx) or transmitted (Tx) by this service.
SIP Response Statistics	
100 Trying	The total number of 100 Trying responses received (Rx) or transmitted (Tx) by this service.
180 Ringing	The total number of 180 Ringing responses received (Rx) or transmitted (Tx) by this service.
181 Forwarding	The total number of 181 Forwarded responses received (Rx) or transmitted (Tx) by this service.
182 Queued	The total number of 182 Queued responses received (Rx) or transmitted (Tx) by this service.
183 Progress	The total number of 183 Progress responses received (Rx) or transmitted (Tx) by this service.
200 Ok (Register)	The total number of 200 OK Register responses received (Rx) or transmitted (Tx) by this service.
200 Ok (Invite)	The total number of 200 OK Invite responses received (Rx) or transmitted (Tx) by this service.
200 Ok (Bye)	The total number of 200 OK Bye responses received (Rx) or transmitted (Tx) by this service.
200 Ok (Info)	The total number of 200 OK Info responses received (Rx) or transmitted (Tx) by this service.
200 Ok (Prack)	The total number of 200 OK PRACK responses received (Rx) or transmitted (Tx) by this service.
200 Ok (Refer)	The total number of 200 OK Refer responses received (Rx) or transmitted (Tx) by this service.
200 Ok (Cancel)	The total number of 200 OK Cancel responses received (Rx) or transmitted (Tx) by this service.

Field	Description
200 Ok (Notify)	The total number of 200 OK Notify responses received (Rx) or transmitted (Tx) by this service.
200 Ok (Update)	The total number of 200 OK Update responses received (Rx) or transmitted (Tx) by this service.
200 Ok (Message)	The total number of 200 OK Message responses received (Rx) or transmitted (Tx) by this service.
200 Ok (Options)	The total number of 200 OK Options responses received (Rx) or transmitted (Tx) by this service.
200 Ok (Publish)	The total number of 200 OK Publish responses received (Rx) or transmitted (Tx) by this service.
200 Ok (Subscribe)	The total number of 200 OK Subscribe responses received (Rx) or transmitted (Tx) by this service.
202 Accepted (Refer)	The total number of 202 Accepted Refer responses received (Rx) or transmitted (Tx) by this service.
202 Accepted (Subscribe)	The total number of 202 Accepted Subscribe responses received (Rx) or transmitted (Tx) by this service.
300 Multiple Choices	The total number of Multiple Choices responses received (Rx) or transmitted (Tx) by this service.
301 Moved Permanently	The total number of Moved Permanently responses received (Rx) or transmitted (Tx) by this service.
302 Moved Temporarily	The total number of Moved Temporarily responses received (Rx) or transmitted (Tx) by this service.
305 Use Proxy	The total number of Use Proxy responses received (Rx) or transmitted (Tx) by this service.
380 Alternative Service	The total number of Alternative Service responses received (Rx) or transmitted (Tx) by this service.
400 Bad Request	The total number of 400 Bad Request errors received (Rx) or transmitted (Tx) by this service.
401 Unauthorized	The total number of 401 Unauthorized errors received (Rx) or transmitted (Tx) by this service.
403 Forbidden	The total number of 403 Forbidden errors received (Rx) or transmitted (Tx) by this service.
404 Not Found	The total number of 404 Not Found errors received (Rx) or transmitted (Tx) by this service.

Field	Description
405 Method Not Allowed	The total number of 405 Method Not Allowed errors received (Rx) or transmitted (Tx) by this service.
406 Not Acceptable	The total number of 406 Not Acceptable errors received (Rx) or transmitted (Tx) by this service.
407 Proxy Auth Required	The total number of 407 Proxy Auth Required errors received (Rx) or transmitted (Tx) by this service.
408 Request Timeout	The total number of 408 Request Timeout errors received (Rx) or transmitted (Tx) by this service.
410 Gone	The total number of 410 Gone errors received (Rx) or transmitted (Tx) by this service.
412 Conditional Req Fail	The total number of 412 Conditional Request Fail errors received (Rx) or transmitted (Tx) by this service.
413 Req Entity Too Large	The total number of 413 Request Entity Too Large errors received (Rx) or transmitted (Tx) by this service.
414 Req URI Too Long	The total number of 414 Request URI Too Long errors received (Rx) or transmitted (Tx) by this service.
415 Unsupport Media Type	The total number of 415 Unsupported Media Type errors received (Rx) or transmitted (Tx) by this service.
416 Unsupport URI Scheme	The total number of 416 Unsupported URI Scheme errors received (Rx) or transmitted (Tx) by this service.
420 Bad Extension	The total number of 420 Bad Extension errors received (Rx) or transmitted (Tx) by this service.
421 Extension Required	The total number of 421 Extension Required errors received (Rx) or transmitted (Tx) by this service.
423 Interval Too Brief	The total number of 423 Interval Too Brief errors received (Rx) or transmitted (Tx) by this service.
480 Temp Not Available	The total number of 480 Temp Not Available errors received (Rx) or transmitted (Tx) by this service.
481 Trans Does Not Exist	The total number of 481 Transaction Does Not Exist errors received (Rx) or transmitted (Tx) by this service.
482 Loop Detected	The total number of 482 Loop Detected errors received (Rx) or transmitted (Tx) by this service.
483 Too Many Hops	The total number of 483 Too Many Hops errors received (Rx) or transmitted (Tx) by this service.
484 Address Incomplete	The total number of 484 Address Incomplete errors received (Rx) or transmitted (Tx) by this service.

Field	Description
485 Ambiguous	The total number of 485 Ambiguous errors received (Rx) or transmitted (Tx) by this service.
486 Busy Here	The total number of 486 Busy Here errors received (Rx) or transmitted (Tx) by this service.
487 Request Cancel	The total number of 487 Request Cancel errors received (Rx) or transmitted (Tx) by this service.
488 Not Acceptable Media	The total number of 488 Not Acceptable Media errors received (Rx) or transmitted (Tx) by this service.
489 Bad Event	The total number of 489 Bad Event errors received (Rx) or transmitted (Tx) by this service.
491 Request Pending	The total number of 491 Request Pending errors received (Rx) or transmitted (Tx) by this service.
493 Undecipherable	The total number of 493 Undecipherable errors received (Rx) or transmitted (Tx) by this service.
500 Internal Error	The total number of 500 Internal Error errors received (Rx) or transmitted (Tx) by this service.
501 Not Implemented	The total number of 501 Not Implemented errors received (Rx) or transmitted (Tx) by this service.
502 Bad Gateway	The total number of 502 Bad Gateway errors received (Rx) or transmitted (Tx) by this service.
503 Service Unavailable	The total number of 503 Service Unavailable errors received (Rx) or transmitted (Tx) by this service.
504 Gateway Timeout	The total number of 504 Gateway Timeout errors received (Rx) or transmitted (Tx) by this service.
505 Bad SIP Version	The total number of 505 Bad SIP Version errors received (Rx) or transmitted (Tx) by this service.
513 Message Too Large	The total number of 513 Message Too Large errors received (Rx) or transmitted (Tx) by this service.
580 Precondition Failure	The total number of 580 Precondition Failure errors received (Rx) or transmitted (Tx) by this service.
600 Busy Everywhere	The total number of 600 Busy Everywhere errors received (Rx) or transmitted (Tx) by this service.
603 Decline	The total number of 603 Decline errors received (Rx) or transmitted (Tx) by this service.

Field	Description
604 Not Exist Anywhere	The total number of 604 Not Exist Anywhere errors received (Rx) or transmitted (Tx) by this service.
606 Not Acceptable	The total number of 606 Not Acceptable errors received (Rx) or transmitted (Tx) by this service.
Total Invalid Messages	The total number of SIP Invalid Messages received (Rx) or transmitted (Tx) by this service.
Total Messages	The total number of SIP Messages received (Rx) or transmitted (Tx) by this service.
TCP Request	The total number of SIP requests received (Rx) or transmitted (Tx) over TCP by this service.
TCP Response	The total number of SIP responses received (Rx) or transmitted (Tx) over TCP by this service.
Auto switch to TCP on MTU size limit	The total number of times CSCF switched from UDP to TCP because of message size larger than MTU.

show cscf tcp connections

Table 7: show cscf tcp connections Command Output Descriptions

Field	Description
TCP Connection Details	
LocalIp	The local IP address, expressed in IPv4 or IPv6 dotted decimal notation, of the TCP connection.
Local Port	The local port number of the TCP connection.
RemoteIp	The remote IP address, expressed in IPv4 or IPv6 dotted decimal notation, of the TCP connection.
Remote Port	The remote port number of the TCP connection.
Facility	Facility type for which connection details have to be retrieved—CscfMgr or SessMgr.
Instance	The instance number of the facility that the connection belongs to.
SockDesc	The socket descriptor id.

Field	Description
State	The state of the connection. TCP states are: • CLOSED • LISTEN • SYNCSENT • SYNCRCVD • ESTABLISHED • CLOSEWAIT • FINWAIT1 • CLOSING • LASTACK • FINWAIT2 • TIMEWAIT • INVALID
BytesInRecvQueue	Data size in the receive queue, in bytes.
BytesInSendQueue	Data size in the send queue, in bytes.
RecvQueueSize	Size of the receive queue, in bytes.
SendQueueSize	Size of the send queue, in bytes.
MaxSendWind	Maximum send window seen so far.
SndUna	Send unacknowledged sequence value.
SndNext	Send next sequence value.
MaxSndNext	Highest sequence number sent.
Iss	Initial send sequence number.
Irs	Initial receive sequence number.
Rto	Retransmission timeout.
SndWL1	Send segment sequence number used for last window update.
SndWL2	Send segment acknowledgment number used for last window update.
MaxSndWind	Maximum send window seen so far.
RecvNxt	Receive next sequence.
RecvWind	Receive window sequence.

Field	Description
RecvAdv	Sequence number of right edge of advertised window.
CWind	Send congestion window.
Ssthresh	Send slow start threshold size.
BackLog	Back logs.
DupAck	Duplicate ACKs.
RetransSegments	Number of retransmitted segments.
AckAfterRetrans	Number of non duplicate acks after duplicate ACK.
TcpFlags	TCP flags.
Total TCP sockets	The total number of TCP sockets.