

show wsg

This chapter shows the outputs for the **show wsg-lookup** and **show wsg-service** commands.

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show wsg-lookup

Table 1: show wsg-lookup Command Output Descriptions

Field	Description
priority 1 source-netmask <value> destination-netmask <value>	Priority 1: source and destination netmasks.
priority 2 source-netmask <value> destination-netmask <value>	Priority 2: source and destination netmasks.
priority 3 source-netmask <value> destination-netmask <value>	Priority 3: source and destination netmasks.
priority 4 source-netmask <value> destination-netmask <value>	Priority 4: source and destination netmasks.
priority 5 source-netmask <value> destination-netmask <value>	Priority 5: source and destination netmasks.
priority 6 source-netmask <value> destination-netmask <value>	Priority 6: source and destination netmasks.

show wsg-service all/name

Table 2: show wsg-service all/name Command Output Descriptions

Field	Description
Service name	Name of the WSG service.
Context	Name of context associated with the WSG service.
Bind	Bound to interface: Done or None.

Field	Description
Max Sessions	Maximum number of sessions.
IP address	IP address associated with this service.
UDP Port	UDP port number.
MTY	Maximum Transmission Unit in bytes.
Service State	Current state of this WSG service.
Crypto-template	Name of the crypto template associated with this WSG service.
deployment-mode	1 = Remote Access; 2 = Site-to-Site (S2S)
peer-list	Name of peer list or "N/A." If a name is displayed the SecGW acts as an IKE initiator.
initiator-mode-duration	Interval in seconds that SecGW waits for a response after initiating a call setup request to an IKE peer. Default is 10. Requires peer-list name to be enabled.
responder-mode-duration	Interval in seconds that SecGW waits for a call request from an IKE peer before switching to initiator mode. Default is 10. Requires peer-list name to be enabled.
Duplicate session detection	Status of duplicate session detection feature: Disabled or Enabled.

show wsg-service statistics

Table 3: show wsg-service statistics Command Output Descriptions

Field	Description
Session Stats:	
Current sessions total	Total number of sessions in progress including transient sessions.
Simple-IP IPv4 current	Number of current Simple-IPv4 sessions.
Simple-IP IPv6 current	Number of current Simple-IPv6 sessions.
Data-Clients	Total number of subscriber sessions originating from data clients.
Active current	Total number of currently active sessions.
Dormant current	Total number of currently dormant sessions.
Active IPv4 current	Total number of currently active IPv4 sessions.
Active IPv6 current	Total number of currently active IPv6 sessions.

Field	Description
Dormant IPv4 current	Total number of currently dormant IPv4 sessions.
Dormant IPv6 current	Total number of currently dormant IPv6 sessions.
Total Simple-IP	Total number of Simple-IP sessions.
Simple-IP-fallback attmpts	Total number of Simple-IP fallback attempts.
Successes	Number of successful Simple-IP fallback sessions.
Failures	Number of failed Simple-IP fallback sessions.
Simple-IP-Fallback failure reasons:	
No Mobile-IP RRQ Rx	Mobile-IP RRQ request not received.
Not Allowed	Simple-IP fallback not allowed by configuration.
Tagged Pool Address	Address is in a pool and tagged not to allow Simple-IP fallback.
Misc.	Fallback failures due to other reasons.
Simple-IP attempts	Total number of Simple-IP session attempts.
Total setup success	Number of successful Simple-IP attempts.
Total Attempts Failed	Number of failed Simple-IP attempts.
Total disconnected	Total number of disconnected sessions.
Disconnected locally	Number of sessions disconnected locally.
Disconnected remotely	Number of sessions disconnected remotely.
Disconnect remotely before connect	Number of sessions disconnected remotely before the session was fully connected.
Session Disconnect reason:	
Remote disc. ipsec	Number of sessions disconnected because of remote party (mobile) hang-up.
Admin disconnect	Number of sessions disconnected by the Admin.
Idle timeout	Number of sessions disconnected because the Idle timer has timed out.
Absolute timeout	Number of sessions disconnected because the Absolute timer has timed out.
Long duration timeout	Number of sessions disconnected because the Long Duration timer has timed out.

Field	Description
Session setup timeout	Number of sessions disconnected because the Session Setup timer has timed out.
No resource	Number of sessions disconnected because the system has run out of resources (flows, memory, etc.).
Auth failure	Number of sessions disconnected because of an authentication failure.
Flow add failure	Number of sessions disconnected because flow could not be added on NPU.
Invalid dest-context	Number of sessions disconnected because the destination context coming from AAA server is invalid.
Source address violation	Number of sessions disconnected because the source IP address is invalid.
Duplicate Request	Number of sessions disconnected because of a duplicate request when there is already a session with the same NAI.
MAC validation failure	Number of sessions disconnected because the HSS cannot validate MAC address from remote user.
Addr assign failure	Number of sessions disconnected because no address has been assigned.
Miscellaneous reasons	Number of Mobile-IP sessions disconnected for other reasons.
Data Stats:	
Total Bytes Sent	Total number of bytes sent.
Total Packets Sent	Total number of packets sent.
Total Bytes Rcvd	Total number of bytes received.
Total Packets Rcvd	Total number of packets received.
Total Pckts Violations	Total number of packets received from UEs and destined for the Internet that do not match any of the configured traffic selectors.
EAP Server Stats:	
Total Received	Total number of EAP Success+ EAP Challenge + EAP Failures, coming from EAP server.
Success Received	Number of EAP successes received.
Challenge Received	Number of EAP challenges received.
Failures Received	Number of EAP failures received.
Discarded	Number of EAP server messages discarded.

Field	Description
Total Sent	Total number of EAP server messages sent.
Initial Requests	Number of initial EAP requests.
Requests Forwarded	Number of EAP requests forwarded.
EAP Mobile Stats:	
Total Received	Total number of EAP Requests coming from mobile subscriber.
Discarded	Number of EAP mobile messages discarded.