

# 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. |
| 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. |

| Field | Description |
|---|---|
| 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. |
| 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. |

| Field | Description |
|---|---|
| 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. |
| 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. |

| Field | Description |
|---|---|
| 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. |
| 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. |