

show aaa group name

This chapter includes the **show aaa group name** command output tables.

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Table 1: show aaa group name Command Output Descriptions

Field	Description
Group name	The AAA server group name.
Context	The context name.
Diameter config:	
Authentication:	
Dictionary	The Diameter dictionary used for authentication. **Important** The prefix "dynamic-load" is appended to the dictionary name if the dictionary is dynamically configured in AAA group.
Endpoint name	The Diameter endpoint used for authentication.
Max-transmissions	The maximum number of transmission attempts for Diameter authentication.
Max-retries	The number of retry attempts for Diameter authentication requests.
Request-timeout	The Diameter authentication request timeout period.
Redirect-host-avp	Indicates whether to use just one returned AVP, or use the first returned AVP as selecting the primary host and the second returned AVP as selecting the secondary host.
Upgrade-dict-avps	Displays the upgrade-dict-avps attribute value if configured in AAA group. If not configured, this field displays the default value.

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Field	Description
Strip-leading-digit user-name	Displays whether or not the stripping of leading digit from User-Name AVP is enabled or disabled.
Accounting:	
Dictionary	The Diameter dictionary used for accounting. **Important** The prefix "dynamic-load" is appended to the dictionary name if the dictionary is dynamically configured in AAA group.
Endpoint name	The Diameter endpoint used for accounting.
Max-transmissions	The maximum number of transmission attempts for Diameter accounting.
Max-retries	The number of retry attempts for Diameter accounting requests.
Request-timeout	The Diameter accounting request timeout period.
HD-mode	Displays the HD-mode value if configured in AAA group. If not configured, this field displays the default value.
HD-policy	Displays the HD-storage-policy value if configured in AAA group. If not configured, this field displays the default value.
Upgrade-dict-avps	The Diameter accounting request timeout period.
SDC-Integrity	Indicates whether or not the SDC Integrity feature is enabled. This feature is used to protect the integrity of SDCs on Rf interface. **Important** This feature is customer-specific. For more information, contact your Cisco Account representative.
Radius Config:	
Dictionary	The RADIUS dictionary.
Strip-domain	Indicates whether the domain is stripped from the user name prior to authentication or accounting.
Authenticator-validation	Indicates whether the MD5 authentication of RADIUS user is enabled.
Allow authentication-down	Indicates whether the system allows subscriber sessions when RADIUS authentication is unavailable.
Allow accounting-down	Indicates whether the system allows subscriber sessions when RADIUS accounting is unavailable.
Attributes:	

Field	Description
Nas-identifier	The attribute name by which the system is identified in Access-Request messages.
Nas-ip	The AAA interface IP address(es) used to identify the system.
Nas-ip backup	The IP address of the secondary interface to use in the current context.
Nexthop	The next hop IP address for this NAS IP address.
MPLS-label	Indicates the MPLS label used for traffic from the specified RADIUS client NAS IP address.
VRF	The Virtual Routing and Forwarding (VRF) Context instance associated with this AAA group.
Authentication	
called-station-id	Indicates whether RADIUS authentication attribute for called station id is enabled. The attribute must also be supported in the configured RADIUS dictionary.
calling-station-id	Indicates whether RADIUS authentication attribute for calling station id is enabled. The attribute must also be supported in the configured RADIUS dictionary.
imsi	Indicates whether RADIUS authentication attribute for IMSI is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-pdp-type	Indicates whether RADIUS authentication attribute for 3GPP PDP type is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-cg-address	Indicates whether RADIUS authentication attribute for 3GPP CG address is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-gprs-qos-negotiated-profile	Indicates whether RADIUS authentication attribute for 3GPP GPRS QoS negotiated profile is enabled. The attribute must also be supported in the configured RADIUS dictionary.

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Field	Description
3gpp-sgsn-address	Indicates whether RADIUS authentication attribute for 3GPP SGSN address is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-ggsn-address	Indicates whether RADIUS authentication attribute for 3GPP GGSN address is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-imsi-mcc-mnc	Indicates whether RADIUS authentication attribute for 3GPP IMSI MCC MNC is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-ggsn-mcc-mnc	Indicates whether RADIUS authentication attribute for 3GPP GGSN MCC MNC is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-nsapi	Indicates whether RADIUS authentication attribute for 3GPP NSAPI is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-select-mode	Indicates whether RADIUS authentication attribute for 3GPP select mode is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-charging-characteristics	Indicates whether RADIUS authentication attribute for 3GPP charging characteristics is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-sgsn-mcc-mnc	Indicates whether RADIUS authentication attribute for 3GPP SGSN MCC MNC is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-imeisv	Indicates whether RADIUS authentication attribute for 3GPP imeisv is enabled. The attribute must also be supported in the configured RADIUS dictionary.

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Field	Description
3gpp-rat-type	Indicates whether RADIUS authentication attribute for 3GPP RAT type is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-user-location-info	Indicates whether RADIUS authentication attribute for 3GPP user location information is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-ms-timezone	Indicates whether RADIUS authentication attribute for 3GPP ms timezone is enabled. The attribute must also be supported in the configured RADIUS dictionary.
Accounting	
called-station-id	Indicates whether RADIUS accounting attribute for called station id is enabled. The attribute must also be supported in the configured RADIUS dictionary.
calling-station-id	Indicates whether RADIUS accounting attribute for calling station id is enabled. The attribute must also be supported in the configured RADIUS dictionary.
acct-input-octets	Indicates whether RADIUS accounting attribute for accounting input octets is enabled. The attribute must also be supported in the configured RADIUS dictionary.
acct-input-packets	Indicates whether RADIUS accounting attribute for accounting input packets is enabled. The attribute must also be supported in the configured RADIUS dictionary.
acct-session-time	Indicates whether RADIUS accounting attribute for accounting session time is enabled. The attribute must also be supported in the configured RADIUS dictionary.
acct-output-octets	Indicates whether RADIUS accounting attribute for accounting output octets is enabled. The attribute must also be supported in the configured RADIUS dictionary.

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Field	Description
acct-output-packets	Indicates whether RADIUS accounting attribute for accounting output packets is enabled. The attribute must also be supported in the configured RADIUS dictionary.
event-timestamp	Indicates whether RADIUS accounting attribute for event timestamp is enabled. The attribute must also be supported in the configured RADIUS dictionary.
imsi	Indicates whether RADIUS accounting attribute for IMSI is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-charging-id	Indicates whether RADIUS accounting attribute for 3GPP charging ID is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-pdp-type	Indicates whether RADIUS accounting attribute for 3GPP PDP type is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-cg-address	Indicates whether RADIUS accounting attribute for 3GPP CG address is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-gprs-qos-negotiated-profile	Indicates whether RADIUS accounting attribute for 3GPP GPRS QoS negotiated profile is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-sgsn-address	Indicates whether RADIUS accounting attribute for 3GPP SGSN address is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-ggsn-address	Indicates whether RADIUS accounting attribute for 3GPP GGSN address is enabled. The attribute must also be supported in the configured RADIUS dictionary.

Field	Description
3gpp-imsi-mcc-mnc	Indicates whether RADIUS accounting attribute for 3GPP IMSI MCC MNC is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-ggsn-mcc-mnc	Indicates whether RADIUS accounting attribute for 3GPP GGSN MCC MNC is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-nsapi	Indicates whether RADIUS accounting attribute for 3GPP NSAPI is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-select-mode	Indicates whether RADIUS accounting attribute for 3GPP select mode is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-charging-characteristics	Indicates whether RADIUS accounting attribute for 3GPP charging characteristics is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-sgsn-mcc-mnc	Indicates whether RADIUS accounting attribute for 3GPP SGSN MCC MNC is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-imeisv	Indicates whether RADIUS accounting attribute for 3GPP imeisv is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-rat-type	Indicates whether RADIUS accounting attribute for 3GPP RAT type is enabled. The attribute must also be supported in the configured RADIUS dictionary.
3gpp-user-location-info	Indicates whether RADIUS accounting attribute for 3GPP user location information is enabled. The attribute must also be supported in the configured RADIUS dictionary.

Field	Description
3gpp-ms-timezone	Indicates whether RADIUS accounting attribute for 3GPP ms timezone is enabled. The attribute must also be supported in the configured RADIUS dictionary.
Authentication:	
Algorithm	The RADIUS authentication server selection algorithm for the current context.
Deadtime	The time period to wait before changing the state of a RADIUS server from "Down" to "Active", in minutes.
Max-outstanding	The maximum number of messages a AAA manager will queue.
Max-retries	The maximum number of times communication with a AAA server is attempted before it is marked as "Not Responding" and the detect dead server's consecutive failures count is incremented.
Max-transmissions	The maximum number of re-transmissions for RADIUS authentication requests.
Timeout	The time period to wait for a response from the RADIUS server before re-sending the messages, in seconds.
Apn-to-be-included	The APN name included for RADIUS authentication.
Authenticate null-username	Indicates whether authentication of user names that are blank or empty is enabled.
Probe:	
Interval	The time period between two RADIUS authentication probes.
Timeout	The timeout period for HAGR to wait for a response for RADIUS authentication probes.
Max-retries	The maximum number of retries for RADIUS authentication probe response.
Keepalive:	
Interval	The time period between two keepalive access requests.
Timeout	The time period between two keepalive access request retries.
Retries	The number of times the keepalive access request is sent before marking the server as unreachable.
consecutive-response	The number of consecutive authentication responses after which the server is marked as reachable.
Username	The user name used for authentication.

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Field	Description
Calling-station-id	The calling station ID used for keepalive authentication.
Password	The password used for authentication.
Allow access-reject	Indicates whether both access-accept and access-reject are considered as success for the keepalive authentication request.
Detect-dead-server:	
Consecutive-failures	The number of consecutive failures, for any AAA manager, before a server's state is changed from "Active" to "Down".
Response-timeout	The time period for any AAA manager to wait for a response to any message before a server's state is changed from "Active" to "Down", in seconds.
Keepalive	Indicates whether the AAA server alive-dead detect mechanism based on sending keepalive authentication messages to all authentication servers is enabled.
Accounting:	
Algorithm	The RADIUS accounting server selection algorithm for the current context.
Deadtime	The time period to wait before changing the state of a RADIUS server from "Down" to "Active", in minutes.
Fire-And-Forget	Displays whether or not the Fire-and-Forget feature is enabled in the AAA Group configuration.
Max-outstanding	The maximum number of messages a AAA manager will queue.
Max-retries	The maximum number of times communication with a AAA server will be attempted before it is marked as "Not Responding" and the detect dead server's consecutive failures count is incremented.
Max-transmissions	The maximum number of re-transmissions for RADIUS accounting requests.
Max-pdu-size	The maximum sized packet data unit which can be accepted/generated, in bytes.
Interim-timeout	The timeout period for sending accounting INTERIM-UPDATE records, in seconds.
Interim-downlink-volume	The downlink volume limit that triggers RADIUS interim accounting, in bytes.
Interim-uplink-volume	The uplink volume limit that triggers RADIUS interim accounting, in bytes.

Field	Description
Interim-total-volume	The total volume limit for RADIUS interim accounting, in bytes.
Timeout	The time period to wait for a response from a RADIUS server before retransmitting a request.
Remote-address	Indicates whether remote IP address lists are configured, and collection of accounting data for the addresses in those lists on a per-subscriber basis is enabled.
Archive	Indicates whether archiving of RADIUS Accounting messages in the system after the accounting message has exhausted retries to all available RADIUS Accounting servers is enabled.
Apn-to-be-included	The APN name included for RADIUS accounting.
R-P originated:	
Trigger active-start	Indicates whether when an Active-Start is received from the PCF and there has been a parameter change, an R-P event occurs.
Trigger active-handoff	Indicates whether when an Active PCF-to-PFC Handoff occurs, a single or two R-P events will occur (one for the Connection Setup, and the second for the Active-Start).
Trigger active-stop	Indicates whether when an Active-Stop is received from the PCF, an R-P event occurs.
Trigger policy	the overall accounting policy for R-P sessions.
Trigger stop-start	Indicates whether a stop/start RADIUS accounting pair is sent to the RADIUS server when an applicable R-P event occurs.
Handoff policy	The overall accounting policy for R-P sessions.
TOD	The time of day a RADIUS event is generated for accounting.
GTP originated:	
Trigger policy	The RADIUS accounting policy for GTP.
MIP HA:	
Policy	The RADIUS accounting policy for Mobile IP HA calls.
Keepalive:	
Interval	The time period between the two keepalive access requests.
Timeout	The time period between each keepalive access request retries.
Retries	The number of times the keepalive access request is sent before marking the server as unreachable.

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Field	Description
consecutive-response	The number of consecutive authentication response after which the server is marked as reachable.
Username	The user name used for authentication.
Calling-station-id	The calling station ID used for keepalive authentication.
Framed-ip-address	The framed-ip-address used for keepalive accounting.
Detect-dead-server:	
Consecutive-failures	The number of consecutive failures, for any AAA manager, before a server's state is changed from "Active" to "Down".
Response-timeout	The time period for any AAA manager to wait for a response to any message before a server's state is changed from "Active" to "Down", in seconds.
Keepalive	Indicates whether the AAA server alive-dead detect mechanism based on sending keepalive authentication messages to all authentication servers is enabled.
Charging:	
Auth-algorithm	The RADIUS authentication algorithm.
Acct-algorithm	The RADIUS accounting algorithm.
Deadtime	The time period to wait before changing the state of a RADIUS server from "Down" to "Active", in minutes.
Max-outstanding	The maximum number of messages a AAA manager will queue.
Max-retries	The maximum number of times communication with a AAA server will be attempted before it is marked as "Not Responding" and the detect dead server's consecutive failures count is incremented.
Max-transmissions	The maximum number of re-transmissions for RADIUS requests.
Timeout	The time period to wait for a response from a RADIUS server before retransmitting a request.
Detect-dead-server:	
Consecutive-failures	The number of consecutive failures, for any AAA manager, before a server's state is changed from "Active" to "Down".
Response-timeout	The time period for any AAA manager to wait for a response to any message before a server's state is changed from "Active" to "Down", in seconds.

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