

show fa-service

This chapter includes the **show fa-service** command output tables.

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Table 1: show fa-service name Command Output Descriptions

Field	Description
Service name	The name of the FA service for which the information are displayed.
Context	The name of the context in which this service is configured.
Bind	Status of connectivity of this service with context and IP address.
Max Subscribers	The number of subscribers are allowed to configure in this service.
Local IP Address	IP address to which this service is bound and communicate with HA.
Local IP Port	The port number on which this service is to communicate with HA.
Lifetime	The maximum time that the FA session can exist before it becomes expired.
Registration Timeout	The maximum duration of inactivity for a session registration before it becomes expired.
Advt Lifetime	Lifetime for an advertisement message.
Advt Interval	Interval between two advertisement messages.
Num Advt	The total number of advertisement messages broadcasted.
Advt Prefix Length Extn	Indicates the setting of prefix extension length in advertisement message.
Reverse Tunnel	Status of reverse tunnel.
GRE Encapsulation	Status of Generic Routing Encapsulation (GRE).
Optimize Tunnel Reassembly	Status of tunnel reassembly optimization.

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Field	Description
Allow Priv Addr w/o Rev Tunnel	Status of setting to allow private addresses without reverse tunnelling.
Dynamic MIP Key Update	Status of setting to update dynamic MIP key.
Ignore Dynamic MIP Key	Status of setting to ignore dynamic MIP keys.
Remove MN-AAA/MN-FAC extns	Status of setting to remove MN-AAA and/or MN-FA extensions from messages.
Standalone FA service	Show the standalone FA service status. If "Enabled" system performs as a standalone FA only.
Proxy MIP	Status of Proxy Mobile IP support.
Proxy MIP Max Retransmissions	Total number of retransmission for Proxy Mobile IP support.
Proxy MIP Retrans Timeout	Timeout duration in seconds between two of retransmissions for Proxy MIP support.
Proxy MIP Renew Percent Time:	Percentage of timeout duration. Once this much percent of timeout duration exhausted the Proxy MIP message will be retransmitted. For example, If retransmission timeout is set for 4 secs. and renew percent time is configured for 75%, the Proxy MIP messages will be retransmitted after 3 seconds.
SPI(s)	The configured Security Parameter Index (SPI) number between FA and HA.
FAHA	
Remote Addr	IP address of HA.
Hash Algorithm:	Hashing algorithm applicable for HA.
SPI Num	SPI number set for HA.
Replay Protection:	Type of reply protection enabled for reply messages.
Timestamp Tolerance	Total variation allowed in timestamp mismatch.
HA Monitoring:	Status of HA monitoring configuration.
GRE Sequence Numbers	Status of GRE sequence number setting in messages.
GRE Sequence Mode	Specifies the GRE sequence mode.
GRE reorder Timeout	Total timeout duration for GRE reorder.
GRE Checksum	Status of GRE Checksum setting in messages.
GRE Checksum Verification	Status of GRE Checksum verification setting.
Registration Revocation	Status of registration revocation setting.
Reg-Revocation I Bit	Status of I-bit setting for registration revocation.
Reg-Revocation Max Retries	Maximum number of retries allowed for registration revocation.

Field	Description
Reg-Revocation Timeout	Total duration allowed between two retries for registration revocation.
Reg-Rev on InternalFailure	Specifies whether registration revocation will be triggered on internal failure or not.
Default Subscriber	Name of the default subscriber.
Max sessions	Maximum number of subscriber sessions allowed.
Max challenge len	Length of challenge key for subscriber authentication.
Challenge Window	total number of windows opened for challenge.
Service Status	Status of this service.
MN-AAA Auth Policy	Specifies the lookup criteria for authentication policy between MN and AAA in RRP. Possible settings are: alwaysignore-after-handoffinit-reginit-reg-except-handoffrenew-and-dereg-noauthrenew-reg-noauth
Optimize-Retries	Status of setting for optimized retries when authentication policy is not received for MN and AAA.
MN-HA Auth Policy	Specifies the lookup criteria for authentication policy between MN and HA in RRP.
AAA Distributed MIP Keys Override	Specifies the setting for the FA service to override dynamic keys from AAA with static keys to support MIP registration with HAs which do not support dynamic keys.
Newcall Policy	Specify that new call policy enabled or disabled to handle new calls.
Idle Timeout Mode	Idle timeout mode allowed for this service.
Ignore Stale Challenge	Status of setting to ignore old/stale challenge messages.
Limit Reg Lifetime	Status of setting to limit registration lifetime.
Dynamic HA Failover	Status of setting to handle dynamic HA failovers.
AAA HA override	Status of setting to override HA settings if received from AAA.
HA Failover	Status of setting to handle HA failovers.
Retrans Timeout	Timeout duration between two retransmission of probe on HA failover.
Retries Before Swtichover	Total number of retries before switching to another HA.
Maximum retries	Total number of retries allowed.
Load Balance	Status of setting to handle HA performance issues or HAa failovers by load balancing.
HA Monitoring	Status of setting to monitor HA.
Inactivity Timeout	Timeout duration after which a probe message will be sent to HA.
Monitor Reply Timeout	Timeout duration to wait for reply from HA after which a probe message will be resent to HA.

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Field	Description
Maximum retries	Total number of retries allowed.