



SMF Serviceability Support

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Feature Summary and Revision History

Summary Data

Table 1: Summary Data

Applicable Product(s) or FunctionalArea	SMF
Applicable Platform(s)	SMI
Feature Default Setting	Enabled – Always-on
Related Changes in this Release	Not Applicable
Related Documentation	Not Applicable

Revision History

Table 2: Revision History

Revision Details	Release
The 5G SMF Serviceability CLI Enhancements are fully qualified in this release.	2020.03.0

Revision Details	Release
First introduced. This feature is not fully qualified in this release. For more information, contact your Cisco Account representative.	2020.02.0

Feature Description

This chapter describes serviceability CLI enhancements to display the information about the deployed pods.

show subscriber pei

Table 3: show subscriber pei

Field	Description
policy	Displays the policy information.
ipv4-addr	Displays the IPv4 pool name.
dnn	Displays the DNN value.
pcf	Displays the PCF Address.
rat	Displays the RAT Type—nr/e-utran/wlan information.
connectivity	Displays the connectivity—4G or 5G.
ipv4-range	Displays the IPv4 address range.
chf	Displays the CHF address.
pei	Displays the Permanent Equipment Identifier (PEI).
udm	Displays the UDM address.
upfEpKey	Displays the UPF address EP key information.
ipv6-pfx	Displays the IPv6 prefix information.
ipv6-pool	Displays the IPv6 Pool name.
chfGroupId	Displays the CHF address group ID information.
gpsi	Displays the Generic Public Subscription Identifier (GPSI).
pcfGroupId	Displays the PCF address group ID.
upf	Displays the UPF address.

Field	Description
ipv4-pool	Displays the IPv4 pool name.
ipv6-range	Displays the IPv4 address range.
amf	Displays the AMF address.
supi	Displays the SUPI value.
access	Displays the access information.

show subscriber gpsi

Table 4: show subscriber gpsi

Field	Description
policy	Displays the policy information.
ipv4-addr	Displays the IPv4 pool name.
dnn	Displays the DNN value.
pcf	Displays the PCF Address.
rat	Displays the RAT Type—nr/e-utran/wlan information.
connectivity	Displays the connectivity—4G or 5G.
ipv4-range	Displays the IPv4 address range.
chf	Displays the CHF address.
pei	Displays the Permanent Equipment Identifier (PEI).
udm	Displays the UDM address.
upfEpKey	Displays the UPF address EP key information.
ipv6-pfx	Displays the IPv6 prefix information.
ipv6-pool	Displays the IPv6 pool name.
chfGroupId	Displays the CHF address group ID information.
gpsi	Displays the Generic Public Subscription Identifier (GPSI).
pcfGroupId	Specifies PCF Address group ID.
upf	Displays the UPF address.
ipv4-pool	Displays the IPv4 pool name.

Field	Description
ipv6-range	Displays the IPv4 address range.
amf	Displays the AMF address.
supi	Displays the SUPI value.
access	Displays the access information.

show endpoint info

Table 5: show endpoint info

Field	Description
endpoint	Specifies the name of the endpoint.
address	Specifies the host and port of endpoint.
type	Specifies the type of endpoint.
status	Specifies current Status of endpoint.
interface	Specifies the interface name of endpoint.
internal	Specifies the type of endpoint (Internal/External).
startTime	Specifies the start time of endpoint.
stoppedTime	Specifies the end time of endpoint.