



5G SMF Serviceability CLI Enhancements

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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 <imei>

Table 3: show subscriber pei <imei>

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

Field	Description
ipv4-pool	Specifies IPv4 Pool name.
ipv6-range	Specifies IPv4 Address-Range.
amf	Specifies AMF address.
supi	Specify SUPI value.
access	Specifies access information.

show subscriber <gpsi>

Table 4: show subscriber pei <imei>

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

Field	Description
ipv6-range	Specifies IPv4 Address-Range.
amf	Specifies AMF address.
supi	Specify SUPI value.
access	Specifies access information.

show endpoint info

Table 5: show endpoint info

Field	Description
endpoint	Specifies the Name of the endpoint.
address	Specifies Host and Port of endpoint.
type	Specifies type of endpoint.
status	Specifies current Status of endpoint.
interface	Specifies Interface name of endpoint.
internal	Specifies type of endpoint (Internal/External).
start Time	Specifies Start time of endpoint.
stop Time	Specifies Stop time of endpoint.