show gprs-service

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

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show gprs-service all

Table 1: show gprs-service all Command Output Descriptions

Field	Description
Service name	The GPRS service name that is running in this session.
Context	Name of the VPN context in which specified GPRS service is running.
Status	Status of the GPRS service for which statistics are displayed.
Accounting Context Name	Name of the accounting context for this GPRS service to enable accounting parameters.
Self PLMN	Name of the PLMN of this GPRS service.
MAP Service	Name of the mobile application part (MAP) service configured in this GPRS service.
HSS Service	The name of the home subscrber service (HSS) associated with this GPRS service.
SGTP Service	Name of the SGSN GTPP (SGTP) service configured in this GPRS service.
EGTP Service	The name of the EGTP service associated with this GPRS service.
CAMEL Service	The name of the CAMEL service associated with this GPRS service.
DSCP Template	The name of the DSCP template to be used for downlink packets with this GPRS service.
GS Serviceq	Name of the Gs service configured in this GPRS service to provide Gs interface support between an SGSN and an MSC/VLR.
SM-T3385 Timeout	The time-out duration in seconds for GPRS session management timer - T3385 on network side for PDP context activation.
SM-T3386 Timeout	The time-out duration in seconds for GPRS session management timer - T3386 on network side for PDP context modification.

Field	Description
SM-T3395 Timeout	The time-out duration in seconds for GPRS session management timer - T3395 on network side for PDP context deactivation.
SM-GUARD Timeout	The time duration, in seconds, after which session manager resources are cleared for this GPRS service.
SM-Max Activate Retries	Total number of retries for PDP context activation from GPRS session manager.
SM-Max Modify Retries	Total number of retries for PDP context modification from GPRS session manager.
SM-Max Deactivate Retries	Total number of retries for PDP context deactivation from GPRS session manager.
SM-Ignore PCO IE Decode Error	Indicates whether the decoding error ignored due to incorrect PCO IE length in SM messages is enabled/disabled.
SM-Trim Trailing Spaces in APN	Indicates whether the removal of any trailing space(s) in requested APN by SGSN is enabled/disabled.
SM-APN Partial match	Indicates whether the partial matching of requested APN during APN selection is enabled/disabled.
SM-APN(R) from First Sub Record	Indicates (enabled) that the selection of the APN from the first subscription record is to be used as the requested APN.
GMM TRAU Timeout	The time duration, in seconds, that the "old" 3G SGSN waits to purge the MSs data. This timer is started by the "old" SGSN after completion of an inter-SGSN RAU.
GMM-T3302 Timeout	The time, in seconds, that the system will wait before initiating a GPRS attach procedure or RAU procedure.
GMM-Mnr Timeout	The time-out duration in seconds for GPRS mobility management timer - Mobile Reachable on network side.
GMM-Purge Timeout	The time-out duration in seconds for GPRS mobility management timer - Purge to hold the detach of MM context on network side.
GMM-T3313 Timeout	The time-out duration in seconds for GPRS mobility management timer - T3313 on network side for paging procedure initiation.
GMM-T3312 Timeout	The periodic routing area update timer delivered by the SGSN to the UE in the Attach Accept and the Routing Area Update Accept messages.
GMM-T3323 Timeout	The amount of time, in minutes, the UE will wait after the Periodic RAU timer (T3312 timer) expiry before deactivating Idle Mode Signaling Reduction.
GMM-T3370 Timeout	The time-out duration in seconds for GPRS mobility management timer - T3370 on network side for identity request procedure.
GMM-Max Identity Retries	Maximum number of retries for identity request procedure from GPRS mobility manager.
GMM-T3360 Timeout	The time-out duration in seconds for GPRS mobility management timer - T3360 on network side for Authentication and Cipher request procedure.

Field	Description
GMM-Max Auth Retries	Maximum number of retries for authentication request procedure from GPRS mobility manager.
GMM LLC Timeout	Configured timeout duration in seconds at the logical link control protocol message procedure from GPRS mobility manager.
GMM LLC PDU Life Time	Configured life time in seconds at the logical link control protocol message procedure from GPRS mobility manager.
GMM-Perform-Identity-After-Auth	Specifies whether "perform identity after authentication" procedure is enabled or not.
GMM Ciphering Algorithm	This group provides the ciphering algorithm configuration in this GPRS service.
Priority*1..3*	Specifies the priority for GPRS Encryption Algorithm (GEA) configured for ciphering in this GPRS service. Possible GPRS encryption algorithms are: gea0: GPRS Encryption Algorithm 0 (GEA0)gea1: GPRS Encryption Algorithm 1 (GEA1)gea2: GPRS Encryption Algorithm 2 (GEA2)gea3: GPRS Encryption Algorithm 3(GEA3)
Accounting cdr-types	Specifies type of accounting CDRs configured in this GPRS service. Possible values are: mcdr: Mobility CDR (M-CDR)scdr: SGSN CDR (S-CDR)sms mo-cdr: SMS Mobile Originated CDR (S-MO-CDR)sms mt-cdr: SMS Mobile Terminated CDR (S-MT-CDR) : Mobile Terminated Location request CDR (LCS-MT-CDR): Mobile Originated Location request CDR (LCS-MO-CDR)
Charging Characteristics(CC) Profiles	This group provides the charging characteristics (CC) profiles configured in this GPRS service
Profile *nn*	Specifies the charging characteristic (CC) profile configured in this SGSN service. *nn* is the number of CC profiles configured in this GPRS service and possible values are 1 through 15.
Buckets	Specifies the charging bucket configured for charging characteristic in this GPRS service
paging-scheme	Specifies the paging scheme configuration information in this GPRS service
max-page-retransmission	Specifies the maximum number of retries configured for paging in this GPRS service
paging-area	Specifies the paging area information in this GPRS service.
last-known-cell	Indicate the last known cell of the subscriber.
last-known-ra	Indicate the last known routing area of the subscriber.
last-known-la	Indicate the last known location area of the subscriber.
last-known-bsc	Indicate the last known base station controller (BSC) of the subscriber.
Network Global MME ID Mgmt DB	Indicates if a network global MME ID management database ID is associated with this GPRS service. This ID is used for GUTI to RAI mapping of networks with LACs for UTRAN and GERAN coverage in the 32768 - 65535 range.

Field	Description
TAI Management Database	Indicates if a Tracking Area Identifier (TAI) Management database is associated with this GPRS service.
MCC/MNC Encoding in DNS for RAI FQDN in A/AAAA Query	Displays the configured MCC/MNC encoding as either Hexadecimal or Decimal for RAI FQDN in A/AAAA Query.
MCC/MNC Encoding in DNS for RAI FQDN in SNAPTR Query	Displays the configured MCC/MNC encoding as either Hexadecimal or Decimal for RAI FQDN in SNAPTR Query .
MCC/MNC Encoding in DNS for APN FQDN in A/AAAA Query	Displays the configured MCC/MNC encoding as either Hexadecimal or Decimal for APN FQDN in A/AAAA Query.
MCC/MNC Encoding in DNS for APN FQDN in SNAPTR Query	Displays the configured MCC/MNC encoding as either Hexadecimal or Decimal for APN FQDN in SNAPTR Query.
MCC/MNC Encoding in DNS for RNC FQDN in A/AAAA Query	Displays the configured MCC/MNC encoding as either Hexadecimal or Decimal for RNC FQDN in A/AAAA Query.
MCC/MNC Encoding in DNS for RNC FQDN in SNAPTR Query	Displays the configured MCC/MNC encoding as either Hexadecimal or Decimal for RNC FQDN in SNAPTR Query.
MCC/MNC Encoding in DNS for MMEC FQDN in A/AAAA Query	Displays the configured MCC/MNC encoding as either Hexadecimal or Decimal for MMEC FQDN in A/AAAA Query.
MCC/MNC Encoding in DNS for MMEC FQDN in SNAPTR Query	Displays the configured MCC/MNC encoding as either Hexadecimal or Decimal for MMEC FQDN in SNAPTR Query.
MCC/MNC Encoding in DNS for TAI FQDN in A/AAAA Query	Displays the configured MCC/MNC encoding as either Hexadecimal or Decimal for TAI FQDN in A/AAAA Query.
MCC/MNC Encoding in DNS for TAI FQDN in SNAPTR Query	Displays the configured MCC/MNC encoding as either Hexadecimal or Decimal for TAI FQDN in SNAPTR Query.
NRI(s) that will be used in NON-POOLED area	Displays the list of NRIs used in the Non-Pooled area.
Gprs NRI value	Displays the NRI value and also indicates the status of offloading for each NRI.
NRI(s) that will be used in POOLED area	Displays the list of NRIs used in the Pooled area.
NRI(s) that will be used in POOLED & NON-POOLED area	Displays the list of NRIs used in the Non-Pooled and Pooled areas.