show gs-service

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

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show gs-service all

Table 1: show gs-service all Command Output Descriptions

Field	Description
Service name	The Gs service that is running in this session.
State	Status of the Gs service.
Context	The name of the context in which Gs service is running.
SGSN Number	The E.164 number for the SGSN to associate with the Gs service.
SSN	Indicates the subsystem number configured or not. If configured it indicates SSN.
Self SCCP Network Id	Indicates the SCCP network identifier configured or not. If configured it indicates SSCP network identifier.
T6-1 Timeout	Indicates the retransmission timer (T6-1) value to guard the location update. Default: 10 seconds Range: 10 to 90 seconds
T8 Timeout	Indicates the retransmission timer (T8) value to guard the explicit IMSI detach from the GPRS service procedure. Default: 4 seconds Range: 1 to 30 seconds
T9 Timeout	Indicates the retransmission timer (T9) value to guard the explicit IMSI detach from the non-GPRS service procedure. Default: 4 seconds Range: 1 to 30 seconds

Field	Description
T10 Timeout	Indicates the retransmission timer (T10) value to guard the implicit IMSI detach from the non-GPRS service procedure. Default: 4 seconds Range: 1 to 30 seconds
T12-1 Timeout	Indicates the retransmission timer value (T12-1) in minutes to control the resetting of SGSN-Reset variable procedure. Default: 54 minutes (plus 8 seconds for transmission delay) Range: 0 to 380 minutes
T12-2 Timeout	Indicates the retransmission timer (T10) value to guard the SGSN reset procedure. Default: 4 seconds Range: 1 to 30 seconds
Max N8 Retries	Indicates the maximum retransmission allowed for procedure for explicit IMSI detach message from GPRS service (N8). Default: 2 retries Range: 0 to 10 retries
Max N9 Retries	Indicates the maximum retransmission allowed for procedure for explicit IMSI detach message from non-GPRS service (N9). Default: 2 retries Range: 0 to 10 retries
Max N10 Retries	Indicates the maximum retransmission allowed for procedure for implicit IMSI detach message from non-GPRS service (N10). Default: 2 retries Range: 0 to 10 retries
Max N12 Retries	Indicates the maximum retransmission allowed for N12 procedure for sending BSSAP+ Reset Indication message (N12). Default: 2 retries Range: 0 to 10 retries
GS Service Configurations	
LAC Id	Indicates the subscriber location area code identifier configured in Gs service. Range: 1 through 65535
Pool Type	Type of pool area (non-pool area or pool area) configured in Gs service. Possible values are: • Non Pool Area • Pool Area

Field	Description
Pool Area/ Non Pool Area name	Name of the configured Non-pool area or pool area in Gs service.
Pool Area Configurations	
Pool Area Name	Name of the configured pool area in Gs service.
Default Vlr	Name of the default VLR attached to this pool area.
LAC in Pool Area	Indicates the subscriber location area code identifier configured in this pool area. Range: 1 through 65535
VLR Hash Type	Indicates the type of hash configured for this pool area. Possible values are: • Value • Range
Value / Range	Indicates the value of hash or range of hash.
Vlr Name	Name of the VLR attached to this pool area.
Non-Pool Area Configurations	
Non-Pool Area Name	Name of the configured non-pool area in Gs service.
Vlr Name	Name of the VLR attached to this non-pool area.
LAC in Pool Area	Indicates the subscriber location area code identifier configured in this non-pool area. Range: 1 through 65535
VLR Configurations	
VLR Name	Name of the VLR attached to this Gs service.
ISDN Numbe	Indicates the E.164 ISDN number of configured VLR.
SSN	Indicates the subsystem number configured or not. If configured it indicates SSN.
Point Code	Indicates the configured point code address for VLR in SS7 address format.a
SGSN Reset	Indicates whether SGSN reset function is allowed or not. Possible values are: • TRUE • FALSE