



SGSN Clear Subscriber Enhancement

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Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	SGSN
Applicable Platform(s)	<ul style="list-style-type: none"> • ASR 5500 • VPC-DI • VPC-SI
Feature Default	Enabled - Configuration Required
Related Changes in This Release	Not applicable
Related Documentation	<ul style="list-style-type: none"> • <i>Command Line Interface Reference</i> • <i>SGSN Administration Guide</i>

Revision History

Revision Details	Release
First introduced.	21.14

Feature Description

New keyword 'sgsn-only' and 'gprs-only' keywords introduced under-existing "clear subscribers" to clear 3g and 2g subscriber, 'lai' CLI added under sgsn-only/gprs-only reads the location area identity parameters which are "mcc, mnc and lac." These parameters are passed on to the existing 'clear subscribers' framework. The existing framework handles the new location parameters and finds the matching subscribers and all the matching subscribers (both 2g and 3g subscribers) are cleared.

Configuring Clear Subscriber

Clear Subscribers Enhancement

Below key words are introduced to clear subscriber.

```
clear subscribers { gprs-only | sgsn-only } lai mcc mobile_country_code mnc  
mobile_network_code lac location_area_code  
end
```

Notes:

- **gprs-only**: Specifies the clearing of SGSN 2G subscribers only.
- **sgsn-only**: Specifies the clearing of SGSN 3G subscribers only.
- **lai**: Specifies location area identity.
- **mcc mobile_country_code**: Specifies mobile country code. *mobile_country_code* must be a string of size 3 to 3 ranging from 100 through 999.
- **mnc mobile_network_code**: Specifies mobile network code. *mobile_network_code* must be a string of size 2 to 3 ranging from 00 through 999.
- **lac location_area_code**: Specifies location area code. *location_area_code* must be an integer from 1 to 65535.