

MME Clear Subscriber Enhancement

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Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	MME
Applicable Platform(s)	• ASR 5500 • VPC-DI • VPC-SI
Default Setting	Enabled - Configuration Required
Related Changes in This Release	Not Applicable
Related Documentation	• *Command Line Interface Reference* • *MME Administration Guide* • *Statistics and Counters Reference*

Revision History

Revision Details	Release
First introduced.	21.14

Feature Description

The `clear subscribers mme-only` command is enhanced with the `tai` (Tracking Area Identity), `mcc` (Mobile Country Code), `mnc` (Mobile Network Code) and (Tracking rea Code).

`tac`

The new command helps to clear the subscribers that are based on tracking area identify.

MME Clear-Subscriber Enhancement

This section provides information on the newly introduced CLI commands and configuration of MME "clear subscriber".

Configuring Clear Subscriber MME-Only

Use the following configuration to clear the subscriber using newly introduced keyword **tai** .

clear subscribers mme-only tai mcc *mobile_country_code* **mnc** *mobile_network_code* **tac** *tracking_area_code*
end

NOTES:

- **tai** : Specifies specific TAI Interface, must be followed by mcc, mnc, and tac.
- **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.
- **tac** *tracking_area_code*: Specifies tracking area code. *tracking_area_code* must be an integer value between 1 and 65535.

Monitoring and Troubleshooting

This section provides information regarding newly introduced show command and its output.

Show Commands and Outputs

show mme-service statistics tai taidb *taidb_name* mcc *mcc_value* tac *tac_value*

The output of this command includes the following fields:

Session Statistics:

Total Subscribers:

- Attached Calls

- Connected Calls
- Idle Calls

Important Above TAI level session statistics (Attached calls, Connected Calls & Idle Call) cannot be cleared by CLI command “clear mme-service statistics tai all” or “clear mme-service statistics taidb taidb_name” as they are current statistics.

Bulkstatistics

This section provides information on the bulk statistics introduced as part of MME Clear-Subscriber Enhancement feature in MME TAI Schema.

Bulkstatistics	Description
tai-sess-call-attached	The current total number of calls in attached per TAI.
tai-sess-call-connected	The current total number of calls in connected state per TAI.
tai-sess-call-idle	The current total number of calls in idle state.