



## MME-MSC/VLR SGs Disconnect

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### Feature Summary and Revision History

#### Summary Data

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

#### Revision History

Revision Details	Release
Introduced to 21.12 release.	21.12.12
First introduced.	21.5.18

## Feature Description

Without the **perform-imsi-detach** option the SGs SCTP association with respect to the peer-id will be aborted and corresponding SCTP data, timers are cleared and stopped, then the SCTP re-association will be triggered.

When the **perform-imsi-detach** and **without detach-rate** options are executed, the SGs SCTP association with respect to the peer-id will be aborted. UEs that are associated with the VLR will be detached at default-rate of 50 detaches/cycle and SGs-Reset-Indication will be send once the VLR re-association is up.

When the **perform-imsi-detach** and **detach-rate** options are executed, the SGs SCTP association with respect to the peer-id will be aborted. UEs that are associated with the VLR will be detached at the specified-rate and SGs-Reset-Indication will be send once the VLR re-association is up.



### Important

Increasing the detach rate might increase MME Manager load.

## Configuring MME MSC/VLR SGs Disconnect

This section provides information on the CLI commands to configure MME disconnect SGs peer.

### sgs-peer

Use the following configuration to disconnect the SGs peer and perform IMSI detach.

```
mme disconnect sgs-peer peer_id perform-imsi-detach [ detach-rate detach_rate
]
end
```

#### NOTES:

- **sgs-peer peer\_id** : Disconnects the SGs peer. *peer\_id* Must be an integer from 1 to 4294967295.
- **perform-imsi-detach**: Perform IMSI detach.
- **detach-rate detach\_rate**: Detaches per cycle. *detach\_rate* Must be an integer from 1 to 100.