



Uneven Distribution of eNodeBs in MME Managers

This chapter describes the following topics:

- [Feature Summary and Revision History, on page 1](#)
- [Feature Description, on page 2](#)
- [Configuring MME Manager, on page 2](#)
- [Monitoring and Troubleshooting, on page 2](#)

Feature Summary and Revision History

Summary Data

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

Revision History

| Revision Details | Release |
|-------------------|---------|
| First introduced. | 21.6 |

Feature Description

MME Manager distributes/redistributes equal number of eNodeB SCTP connections across MME Managers. As a result of network outages, the distribution of eNodeB SCTP connections by the MME Managers were uneven. With this release, the distribution of eNodeB SCTP connections across MME Managers is made even.

Configuring MME Manager

Use the following configuration to configure the MME Manager related commands.

```
mme mmedemux s1ap-sync mmemgr { all | instance instance_value }
```

Notes:

- **mme**: Configures the MME exec commands.
- **mmedemux**: Configures the MME Manager related commands.
- **s1ap-sync**: Synchronizes with s1ap association count with MME Manager-Archive with all instances of MME Manager.
- **mmemgr**: Synchronizes up with MME Manager on eNodeB list.
- **all**: Synchronizes up with MME Manager on eNodeB list with all instances.
- **instance *instance_value***: Synchronizes with MME Manager on eNodeB list with specific instance. **instance *instance_value*** must be an integer from 1 to 48.

Monitoring and Troubleshooting

This section provides information on the show commands available to this feature.

Show Commands and/or Outputs

This section provides information regarding show commands and/or their outputs.

show session subsystem facility mmedemux instance <instance_id>

The following new fields are added to the output of this command:

MMEDemux MMEMGR S1AP Association:

- MME Manager
 - Total ENodeB Associations
 - Total ENodeB Peers



Important

The above command displays the associated count for each MME Manager.

show session subsystem facility mmedemux instance <instance_id>