



# Uneven Distribution of eNodeBs in MME Managers

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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>
Feature Default	Not applicable
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
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. 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 and to correct the stack eNB entry in **mmedemux**.

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

### Notes:

- **mme**: Configures the MME exec commands.
- **mmedemux**: Configures the MME Manager related commands.
- **slap-sync**: Synchronizes with slap 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.

```
mme mmedemux audit-with { all | instance instance_value }
```

### Notes:

- **mme**: Configures the MME exec commands.
- **mmedemux**: Configures the MME Manager related commands.
- **audit-with**: Allows **mmedemux** to free up the enodeB archive and to rebuild using audit from the MME Manager database. Clears any blocked eNB entry in **mmedemux**.
- **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



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**Important**

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

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show session subsystem facility mmedemux instance <instance\_id>