

eNB Group Based Relative Capacity Transmission

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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	Disabled - Configuration Required
Related Changes in This Release	Not Applicable
Related Documentation	• *Command Line Interface Reference* • *MME Administration Guide*

Revision History

Revision Details	Release
First introduced.	21.9.5

Feature Description

MME allows eNB group configuration to set relative-mme-capacity value for a particular group of eNBs. As part of this feature user can provide relative capacity value along with 'prefix' and 'bits' of eNBs to be matched in eNB grouping configuration. MME uses given configuration to set relative MME capacity for eNB during S1 SET UP procedure for a matching group.

Configuring eNodeB Group Based Relative Capacity Support

This section describes how to configure eNodeB Group Based Relative Capacity Support.

relative-mme-capacity

Use the following configuration to add Relative MME Capacity:

```
configure
  lte-policy
    enb-group eNB_group_name
      global-enb-id prefix network_identifier_name bits bits
      relative-mme-capacity relative_mme_capacity
      end
```

Important Maximum of 20 eNB groups are allowed to configure at any given point of time.

- **global-enb-id prefix** *network_identifier_name* **bits** *bits*: Global eNB ID prefix contains bit string which should be matched with Hexadecimal value. *network_identifier_name* Must Hexadecimal number between 0x0 and 0xFFFFFFF.

  bits Must be an Integer from 1 to 28.
- **relative-mme-capacity** *relative_mme_capacity*: Sends Relative MME capacity in S1 setup response for eNB which matches grouping criteria.

  relative_mme_capacity: Must be an Integer from 1 to 255.

Monitoring and Troubleshooting

This section provides information regarding show commands available to monitor and troubleshoot the eNB Group Based Relative Capacity Support feature.

Show Commands and Outputs

show lte-policy enb-group name <enb_group_name>

The output of this command includes the following fields:

- eNB Group Name
- Global eNB ID Prefix
- Number of Bits
- Relative MME Capacity