Skip APN Redirection for IMS APN

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 - Always on
Related Changes in This Release	Not Applicable
Related Documentation	• *Command Line Interface Reference* • *MME Administration Guide*

Revision History

Revision Details	Release
First introduced.	21.16

Feature Description

with release 21.16, when IMS APN is not available under subscription information, MME will not redirect it to the APN available under first in subscription/lowest context id, instead the PDN CONNECTIVITY REQUEST is rejected with cause code 27(Unknown or Missing APN). This feature is CLI controlled, and it is disabled by default.

Configuring Skip APN Redirection for IMS APN

This section provides information on the CLI commands to configure Configuring Skip APN Redirection for IMS APN the in MME.

Configuring Subscription Failure

Use the following configuration to configure Subscription Failure.

```
configure
  apn-remap-table apn_remap_table_name
    apn-remap network-identifiernetwork_identifier_name new-ni  new_ni_name
subscription-failure reject
      no apn-remap network-identifiernetwork_identifier_name
      end
```

NOTES:

• **no**: Removes the apn-remap network identifier.

• **apn-remap**: Creates a Remap Entry.

• **network-identifier** *network_identifier_name*: Specifies the Network Identifier part of the APN. *network_identifier_name* must be a string of size 1 to 63 that include alphabetic characters (A-Z and a-z), one *, and digits.

• **new-ni** *new_ni_name*: Specifies the Remapped Network Identifier part of the APN. *new_ni_name* must be a string of size 1 to 62 that include alphabetic characters (A-Z and a-z), digits.

• **subscription-failure**: Subscription failure for requested APN.

• **reject**: Specifies the rejection with cause code Unknown or Missing APN.

Monitoring and Troubleshooting

This section provides information regarding show commands available to monitor and troubleshoot the Skip APN Redirection for IMS APN.

Show Commands and Outputs

show apn-remap-table full all

The output of this command includes the following fields:

- Do not Redirect if Subscription is not available - Indicates "Do not Redirect if Subscription" is enabled or disabled.

Show Commands and Outputs