



# Skip APN Redirection for IMS APN

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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 - Always on
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.	21.16

## 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-identifier network_identifier_name new-ni new_ni_name
  subscription-failure reject
    no apn-remap network-identifier network_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.

