Default APN Selection Based on Context ID

This chapter describes the following topics:

- Feature Summary and Revision History, on page 1
- Feature Description, on page 1
- Configuring Default APN Selection Based on Context ID, on page 2

Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	SGSN
Applicable Platform(s)	ASR 5000
Feature Default	Disabled - Configuration Required
Related Changes in This Release	Not applicable
Related Documentation	• *Command Line Interface Reference* • *SGSN Administration Guide*

Revision History

First Introduced.	21.16

Feature Description

Default APN Selection Based on Context ID feature adds the flexibility to select the subscription APN with given context ID when requested APN is not found in subscription. The default APN feature is invoked and is used to determine if the activation can be allowed by substituting the requested APN for one in subscription. The SGSN uses the subscribed APN which matches the configured context id.

Multiple Trigger Feature supports multiple instances of same of cli “apn-selection-default” where we can configure multiple default APNs based on different configuration. SGSN selects the first matched instance

and CLI instance's will be Stored in the same order in which it is defined during the configuration. The "apn-selection-default" and the order of cli "apn-selection-default" decides the priority. The context ID feature should be configured first to take the highest priority. This feature can be used with other features like first-subscription and lowest-context-id. This feature is CLI controlled.

Configuring Default APN Selection Based on Context ID

This section provides information on the CLI commands to configure Default APN Selection Based on Context ID.

Configuring APN Selection Default

Use the following configuration to enable APN Selection Default.

```
configure
  apn-remap-table remap_table_name
    apn-selection-default context-id context_id_value [ orig-apn ]
    no apn-selection-default context-id context_id_value
    end
```

NOTES:

- **no** : Removes the subscription of APN based on context id.
- **apn-selection-default context-id** : Specifies that the APN will be used as the Default APN.
- **context-id** *context_id_value*: Specifies the usage of APN in subscription record with context ID matching the PDN type if normal APN selection fails. *context_id_value* must be an integer between 1 and 15.
- **orig-apn**: Sends the original APN in the ACTIVATE_DEFAULT_BEARER_REQUEST message to the UE.