

S-GW Address Based Combined SPGW Selection

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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.	21.15

Feature Description

The MME allows to configure the Gateway selection priority when priority is configured as S-GW. MME selects S-GW first, and P-GW will be selected based on the co-location string from the selected S-GW. For the additional PDN, P-GW is selected based on the colocation string from the selected S-GW. When this feature is not configured, by default P-GW is selected first.

Important This behavior is applicable only to the initial attach and PDN connectivity.

Configuring S-GW Address Based Combined SPGW Selection

Select S-GW as Priority

Use the following configuration to select S-GW priority.

```
configure
  apn-profile apn_profile_name
  [ remove ] gateway-selection priority sgw
  end
```

NOTES:

- **priority sgw**: Configures S-GW to be selected first.
- **remove**: Removes the configured priority S-GW.

Monitoring and Troubleshooting

This section provides information regarding show commands available to monitor and troubleshoot the S-GW Address Based Combined SPGW Selection feature.

Show Commands and Outputs

show apn-profile full all

The output of this command includes "Gateway Selection Priority" to inidcate gateway selection priority is configured or not.