



Co-Located SPGW Selection for Emergency Bearer

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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">• ASR 5500• VPC-DI• VPC-SI
Default Setting	Disabled - Configuration Required
Related Changes in This Release	Not Applicable
Related Documentation	<ul style="list-style-type: none">• <i>Command Line Interface Reference</i>• <i>MME Administration Guide</i>

Revision History

Revision Details	Release
Introduced to 21.17 release.	21.17
First Introduced.	21.14.8

Feature Changes

Previous Behavior: MME selects random P-GW based on LTE Emergency Profile configuration for Emergency Bearer service requested using PDN Connectivity Request.

New Behavior: MME uses the canonical name of the selected S-GW (from DNS response) for the previously established PDNs and compares it with the statically configured P-GW collocation string in the LTE emergency profile to select the P-GW. The static P-GW collocation string must be configured with the canonical node name of the P-GW to ensure to select collocated node for emergency call.



Important

This behavior applies only to the PDN connectivity request for Emergency Bearer Service.

Command Changes

pgw co-location

Use the following configuration to configure P-GW co-location:

```
configure
  lte-policy
    lte-emergency-profile profile_name
      [ no ] pgw co-location
    end
```

NOTES:

- **no** Disables the P-GW co-location configuration.
- **co-location** Configures to select the co-located S-GW/P-GW node based on static P-GW configuration and S-GW selected through DNS.

Performance Indicator Changes

show lte-policy lte-emergency-profile <profile_name>

The output of this command includes the following fields:

- **pgw co-location:** Indicates if the P-GW co-location feature is enabled or disabled.