



# ERAB Setup Retry Handling

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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	Disabled - Configuration Required
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> <li>• <i>Statistics and Counters Reference</i></li> </ul>

### Revision History

Revision Details	Release
Retry ERAB Setup Request Support added	21.5.26
Retry ERAB Setup Request Support added.	21.11.13

Revision Details	Release
Retry ERAB Setup Request Support added.	12.12.15
Retry ERAB Setup Request Support added.	21.15
Retry ERAB Setup Request Support added.	21.14.3
First introduced.	21.14

## Feature Changes

MME delays re-sending the "ERAB Setup Request" message if failure response is received with cause "Interaction with other procedure."

**Previous Behavior:** The MME re-transmits the "E-RAB Setup Request" immediately on the reception of "E-RAB Setup Response" with cause "interaction with other procedure."

**New Behavior:** MME will start Timer (Tm) after the reception of "E-RAB Setup Response" with cause "Interaction with other procedure." Once the timer expires, MME re-transmits the "E-RAB Setup Request." MME supports the maximum retry count. This behavior is CLI controlled.

## Command Changes

### erab-setup-rsp-fail retry-timer

Use the following configuration to configure the ERAB Setup retry handling:

```
configure
  context context_name
    mme-service service_name
      policy erab-setup-rsp-fail retry-timer retry_timer max-retries
max_retries
      { default | no } policy erab-setup-rsp-fail retry-timer
    end
```

#### NOTES:

- **no** Disables the retry timer mechanism.
- **default** Restores the default value to existing behavior by disabling the retry timer mechanism.
- **policy** Specifies the user-defined policies like idle mode detach behavior and so on.
- **erab-setup-rsp-fail** Sets the handling for ERAB-SETUP-RESPONSE failure message.
- **retry-timer** *retry\_timer* Configures the retry timer for ERAB Setup Procedure. *retry\_timer* must be an integer value in the range of 1-15.
- **max-retries** *max\_retries* Configures the maximum retry limit for ERAB Setup Procedure. *max\_retries* must be an integer value in the range of 1-10.

# Performance Indicator Changes

## show mme-service name <mme\_svc\_name>

The output of this command includes the following fields:

- Policy ERAB Setup Procedure
  - ERAB Setup retry timer - Retry timer for ERAB Setup Procedure
  - ERAB Setup maximum retry limit - Maximum retry limit for ERAB Setup Procedure



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**Important**

ERAB Setup Retry Handling is applicable only for Dedicated Bearer Creation.

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```
show mme-service name <mme_svc_name>
```