Collision Handling for Path Update during Bearer Creation

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	Enabled - Always on
Related Changes in This Release	Not Applicable
Related Documentation	MME Administration Guide

Revision History

Revision Details	Release
Collision Handling for Path-Update during Bearer Creation support added.	12.12.15
First introduced.	21.14

Feature Description

MME supports processing of NSA path-update procedure under the following collision scenarios:

- Collision between path-update and one or more dedicated-bearer creation initiated by network.

- Collision between path-update and IM-EXIT procedure is in progress.

As part of the above collision handling, MME handles the ERAB-Setup response received from eNB as follows:

- MME processes the ERAB-SETUP response received with cause "Interaction-With-Other-Procedures" from eNB and retries the ERAB-Setup again towards eNB.

- MME processes the ERAB-SETUP response received when Create-Bearer procedure is in suspended state due to path-update in progress.

- MME retries the ERAB-SETUP towards eNB after the successful completion of path-update procedure.