Mesh Connectivity to All UPFs

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Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	SMF
Applicable Platform(s)	SMI
Feature Default Setting	Enabled – Always-on
Related Changes in this Release	Not Applicable
Related Documentation	Not Applicable

Revision History

Table 1: Revision History

Revision Details	Release
First introduced.	2021.02.1

Feature Description

With release 2021.02.01, SMF Mesh connectivity to all UPFs in a region is introduced.

Mesh connectivity enables UPF to connect to all SMFs in particular region. Subscriber however will be hosted on only one UPF. All UPFs in the region should be connected to all the SMF in the region.

Ideally SMF can be connected to maximum of 1024 UPFs. UPF can support up to maximum of four Peers(SMF/SGWC/CN-SGW).

Important Mesh connectivity support is prerequisite for Geographic redundancy support feature on the SMF.

For more information, refer to the UCC 5G SMF Configuration and Administration Guide > Mesh Connectivity to All UPFs chapter.