



# 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).



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

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

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