



UCC 5G AMF - Release Change Reference

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Features and Changes Quick Reference

Features / Behavior Changes	Release Introduced / Modified	Default
Two Protocol Pod Replicas on Single Server, on page 1	2023.03.0	Disabled – Configuration required to enable
New Failure Handling Messages, on page 2	2023.03.0	Not Applicable

Two Protocol Pod Replicas on Single Server

Feature Summary and Revision History

Summary Data

Table 1: Summary Data

Applicable Product(s) or Functional Area	AMF
Applicable Platform(s)	SMI
Feature Default Setting	Enabled - Always-on
Related Documentation	Not Applicable

Revision History

Table 2: Revision History

Revision Details	Release
Changes to spawning of protocol endpoint pods in a single-server deployment scenario	2023.03.0
Sub-feature introduced. SCTP High Availability Service	2022.01.0
First introduced.	2021.04.0

Feature Description

In a single-server deployment scenario, AMF allows spawning of two protocol endpoint pod replicas on the same node to support resiliency.

AMF achieves this functionality by enabling **k8s single-node true** in the AMF Ops center.

For information on deploying AMF on a single server, contact your Cisco account representative.

For more information on this feature, refer to the [UCC 5G AMF Configuration and Administration Guide > High Availability Services](#) Chapter.

New Failure Handling Messages

Feature Summary and Revision History

Summary Data

Table 3: Summary Data

Applicable Product(s) or Functional Area	AMF
Applicable Platform(s)	SMI
Feature Default Setting	Enabled – Always-on
Related Documentation	Not Applicable

Revision History

Table 4: Revision History

Revision Details	Release
Supported the following failure handling message types: <ul style="list-style-type: none">• UdmSdmGetUeAmSubscriptionData• AmfCommReleaseUeContext	2023.03.0
Introduced local cause code support for the ims-vops-failure condition.	2022.02.0
First introduced.	2022.01.0

Feature Description

AMF supports the following new message types as part of the failure handling template configuration.

- UdmSdmGetUeAmSubscriptionData
- AmfCommReleaseUeContext

For more information, refer to the [UCC 5G AMF Configuration and Administration Guide > Failure and Error Handling Support](#) Chapter.

