Ultra Cloud Core 5G Policy Control Function, Release 2022.02 - Release Change Reference

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About this Guide

Note The documentation set for this product strives to use bias-free language. For purposes of this documentation set, bias-free is defined as language that does not imply discrimination based on age, disability, gender, racial identity, ethnic identity, sexual orientation, socioeconomic status, and intersectionality. While any existing biased terms are being substituted, exceptions may be present in the documentation due to language that is hardcoded in the user interfaces of the product software, language used based on RFP documentation, or language that is used by a referenced third-party product.

This document is a part of the Ultra Cloud Core 5G Policy Control Function documentation set.

For information about available documentation, see the Ultra Cloud Core 5G Policy Control Function Documentation Map for this release at Cisco.com.

Conventions Used

The following tables describe the conventions used throughout this documentation.

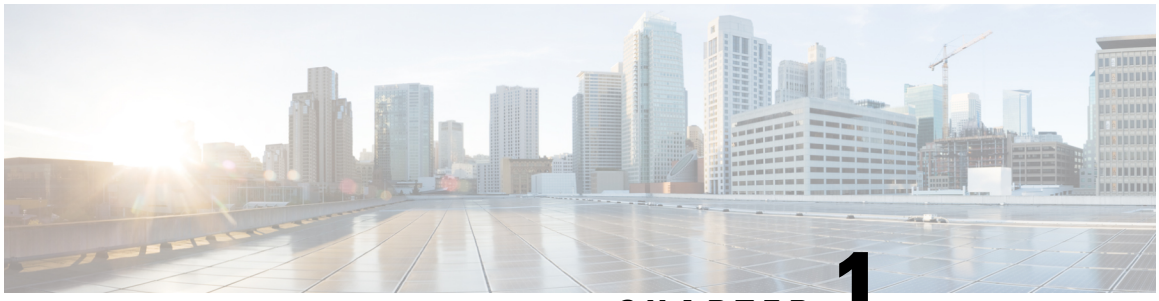
Notice Type	Description
Information Note	Provides information about important features or instructions.
Caution	Alerts you of potential damage to a program, device, or system.
Warning	Alerts you of potential personal injury or fatality. May also alert you of potential electrical hazards.

Typeface Conventions	Description
Text represented as a `screen display`	This typeface represents displays that appear on your terminal screen, for example: `Login:`
Text represented as **commands**	This typeface represents commands that you enter, for example: **show ip access-list** This document always gives the full form of a command in lowercase letters. Commands are not case sensitive.
Text represented as a **command** *variable*	This typeface represents a variable that is part of a command, for example: **show card** *slot_number* *slot_number* is a variable representing the applicable chassis slot number.
Text represented as menu or sub-menu names	This typeface represents menus and sub-menus that you access within a software application, for example: Click the **File** menu, then click **New**

Contacting Customer Support

Use the information in this section to contact customer support.

Refer to the support area of http://www.cisco.com for up-to-date product documentation or to submit a service request. A valid username and password are required to access this site. Please contact your Cisco sales or service representative for additional information.



CHAPTER 1

UCC 5G PCF - Release Change Reference

Features and Changes Quick Reference

Features / Behavior Changes	Release Introduced / Modified
N5 Interface, on page 3	2022.02.0
Message Threshold Per Endpoint, on page 2	2022.02.0
Diameter Peer Load Rebalancing, on page 3	2022.02.0

Feature Defaults Quick Reference

The following table indicates what features are enabled or disabled by default.

Feature	Default
N5 Interface	Enabled – Always on
Message Threshold Per Endpoint	Disabled – Configuration required to enable
Diameter Peer Load Rebalancing	Disabled – Configuration required to enable

Message Threshold Per Endpoint

Feature Summary and Revision History

Summary Data

Table 1: Summary Data

Applicable Product(s) or Functional Area	PCF
Applicable Platform(s)	SMI
Feature Default Setting	Disabled – Configuration required to enable
Related Documentation	*UCC 5G PCF Configuration and Administration Guide*

Revision History

Table 2: Revision History

Revision Details	Release
Enhancement introduced. PCF supports message threshold per endpoint.	2022.02.0

Feature Description

PCF supports the message threshold per endpoint.

Note Message threshold is applicable only for the configured message types in rest-endpoint.

For more information, see the Advanced Tuning Parameters chapter in the UCC 5G PCF Configuration and Administration Guide.

N5 Interface

Feature Summary and Revision History

Summary Data

Table 3: Summary Data

Applicable Product(s) or Functional Area	PCF
Applicable Platform(s)	SMI
Feature Default Setting	Enabled – Always-on
Related Documentation	*UCC 5G PCF Configuration and Administration Guide*

Revision History

Table 4: Revision History

Revision Details	Release
Enhancement introduced. PCF supports N5 Interface.	2022.02.0

Feature Description

PCF supports the N5 Interface.

For more information, see the Cisco Common Data Layer, Dummy N7 Notify Request, Dynamic ARP Functionality for PC and PV, Dynamic ARP Functionality for PL, Handling the Network Provided Location Information Requests, Multiple Virtual IP Address, and N5 Authorization chapters in the UCC 5G PCF Configuration and Administration Guide.

Diameter Peer Load Rebalancing

Feature Summary and Revision History

Summary Data

Table 5: Summary Data

Applicable Product(s) or Functional Area	PCF

Applicable Platform(s)	SMI
Feature Default Setting	Disabled – Configuration required to enable
Related Documentation	*UCC 5G PCF Configuration and Administration Guide*

Revision History

Table 6: Revision History

Revision Details	Release
First introduced.	2022.02.0

Feature Description

PCF supports diameter peer load rebalancing.

For more information, see the Diameter Peer Load Rebalancing chapter in the UCC 5G PCF Configuration and Administration Guide.