UCC 5G PCF - Release Change Reference

Features and Behavior Change Quick Reference

Revision Details	Release Introduced / Modified
CDL Enhancements	2021.02.1
HTTP Idle Connection Timeout on Server-CSCvx49859, on page 3	2021.02.0

Feature Defaults Quick Reference

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

Feature	Default
CDL Enhancements	Enabled - Configuration Required
HTTP Idle Connection Timeout on Server	Enabled - Configuration Required

CDL Enhancements

Feature Summary and Revision History

Summary Data

Table 1: Summary Data

Applicable Product(s) or Functional Area	5G-PCF
Applicable Platform(s)	SMI/CNDP
Default Setting	Enabled - Configuration Required
Related Changes in this Release	Not Applicable
Related Documentation	*UCC 5G PCF Configuration and Administration Guide*

Revision History

Table 2: Revision History

Revision Details	Release
First introduced.	2021.02.1

Feature Description

Stale Sessions Clean-Up

In the CDL sessions, PCF adds the unique key SupiDnnKey (SUPI:DNN format) along with pre-existing unique keys including FramedIpv6PrefixKey. With the CDL's index overwrite detection command in the PCF Ops Center, the administrators can configure the ability to delete the old session using the same unique key while the new session is created.

The unique keys that should be used in the overwrite detection configuration are SupiDnnKey and FramedIpv6PrefixKey with the action as delete_record.

For more information, refer to the UCC 5G PCF Configuration and Administration Guide > Cisco Common Data Layer chapter.

Synchronizing the Index Records

Sometimes after the primary site is reinstated, the index data on both the sites may not be consistent. To reconcile the records and eliminate the discrepancy in the sites, configure the sync operation that initiates index data synchronization on the site with its remote peers.

> **Note**
>
> Configuring the sync operation may cause a negative performance impact. Cisco recommends performing this operation in a production environment that experiences a high number of inconsistent index records.

A sync operation cannot be initiated for an index instance where the remote sync is in progress.

For more information, refer to the UCC 5G PCF Configuration and Administration Guide > Cisco Common Data Layer chapter.

Configuring the Remote System ID

When the session timer expires, the notification is sent to the system that has the system ID present in the session. The enhanced CDL datastore session notification command allows you to configure the isolated site's system ID to the available site. With this arrangement, the notification belonging to the expired session of the remote site ID are rerouted to the available site.

For more information, refer to the UCC 5G PCF Configuration and Administration Guide > Site Isolation chapter.

HTTP Idle Connection Timeout on Server-CSCvx49859

Behavior Change Summary and Revision History

Summary Data

Table 3: Summary Data

Applicable Product(s) or Functional Area	5G-PCF
Applicable Platform(s)	SMI
Default Setting	Enabled - Configuration Required
Related Changes in this Release	Not Applicable
Related Documentation	*UCC 5G PCF Configuration and Administration Guide*

Revision History

Table 4: Revision History

Revision Details	Release
First introduced. CDETS ID: CSCvx49859	2021.02.0

Behavior Change

Previous Behavior: In release prior to 2021.02.0, PCF used to send GOAWAY after 30 seconds of REST connection being idle where PCF is acting as server.

New Behavior: In 2021.02.0 and later releases, a new parameter *http-idle-connection-timeout-on-server-seconds* is added. This parameter is used to the idle connection timeout for REST connection where PCF is acting as server.

Default value is 60 seconds.

If the value is less than or equal to 0, the default value of 60 seconds is used.

For more information, refer to the UCC 5G PCF Configuration and Administration Guide > Multiple Virtual IP Address chapter.