Control Center

Feature History

Feature Name	Release Information	Description
Access Control Center from cnAAA	2025.01.0	cnAAA allows access to the Control Center through a GUI using HTTPS in a web browser. Users can view, edit, import, and export Custom Reference Data (CRD) to maintain consistent data management across systems.

Overview

The Cloud Native Authentication, Authorization, and Accounting (cnAAA) enables secure access to the Control Center through a GUI using the HTTPS protocol on a web browser.

In the **Control Center**, administrators can manage Custom Reference Data (CRD) by viewing, editing, importing, and exporting data to maintain consistency across systems. This approach is essential for preventing discrepancies, errors, and data integrity issues that can occur when data is managed independently in multiple systems.

Functionalities

This section describes the functionalities of the Control Center.

- Login to the Control Center.

- Find Subscriber.

- Create Subscriber.

- Reference Data.

- Find Subscriber Session.

Login to the Control Center

You can login to the Control Center GUI through the https protocol.

Procedure

Enter the credentials in the **Username** and **Password** fields, of the Control Center GUI and click **Login**.

Find Subscriber

You can find detailed information of a specific subscriber using their credentials or name.

Procedure

Step 1   Enter the subscriber's name or credentials in the **Credentials** or **Name** field.

Step 2   Click **Search** to initiate the search process.

Step 3   View the results displayed in a table format.

Note
Balance-Related Panels and Grids have been removed from the Subscriber Profile view.

Create Subscriber

You can create a subscriber from the control center GUI

Procedure

Step 1 In the **Credential** field, enter a unique identifier for the subscriber .This identifier is essential for tracking and managing subscriber accounts.

Step 2 In the **Name** field, enter the subscriber's full name or an alternative identifier to help with searching and managing records.

Click **Reset** to reset all the data.

Click **Save** to submit the information and complete creation of the subscriber.

Click **Save & Continue** to proceed to additional configuration screens, such as General, Credentials, Services, Notifications, and Subaccounts.

Once you click **Save & Continue**, sample data will be displayed on the Subscribers screen.

Reference Data

Step 3 **Access Reference Data:** Click Reference Data to view options for importing or exporting CRD data.

Step 4 **Manage CRD Tables:** Select the configured CRD tables to create, read, update, or delete records from the CRD tables.

Find Subscriber Session

The Find Subscriber Session allows you to search and retrieve session details for a specific subscriber based on their session data.

Before you begin

Follow these steps to configure the cnAAA Ops-Center to fetch specific subscriber session data under the Find Subscriber Session view.

1. Login to cnAAA Ops-Center.

2. Ensure the Ops-Center is fully shut down before proceeding with configuration changes.

3. Configure this command in Ops-Center.

```
cdl datastore session find-by-nuk-prefixes
USuMSubscriberIdKey
cdl datastore session find-by-nuk-prefixes
MacAddressKey
cdl datastore session find-by-nuk-prefixes
UserIdKey
cdl datastore session find-by-nuk-prefixes
FramedIpKey
cdl datastore session find-by-nuk-prefixes
FramedIPv6AddressKey
```

4. Restart the cnAAA Ops-Center.

Procedure

Step 1   Select the **Query Key** from the drop-down list to choose the type of key for your search, such as User ID, Framed IP, or Framed IPv6 Prefix.

Step 2   In the **Key Data** field, enter the specific value associated with the selected Query Key.

Step 3   Execute the search to retrieve session details.

Review the results displayed in a structured table format, which includes the Primary Key, Type, and Subscriber Credential.

View session details by navigating to the session details section to access in-depth information about a selected session.

Delete Subscriber

You can delete a specific subscriber from Control Center GUI.

Procedure

Step 1   Navigate to **Find subscriber** and enter the subscriber's credentials or name in the **Credentials** or **Name field**.

Step 2   Click **Search** to initiate the search process.

View the results displayed in a table format.

Step 3   Place the cursor on a particular subscriber and click **Delete**.

A pop message is displayed stating "Are you sure want to delete this subscriber", click **Yes**.

You can see a **Subscriber deletion successful** message.

Delete Session

You can delete a specific subscriber session from Control Center GUI:

Procedure

Step 1   Click **Find Subscriber Session**.

Step 2   Choose the **Query Key** from the drop-down list to choose the type of key for your search, such as User ID, Framed IP, Framed IPv6 Prefix.

Step 3   In the **Key Data** field, enter the specific value associated with the selected Query Key.

Step 4   Execute the search to retrieve session details and click **Open** from table where session details are present.

Step 5   Under the session details section, click **Remove Session**.

A pop message is displayed stating "Are you sure want to remove this session", click **Yes**.

You can see a **Session deletion successful** message