Cisco Prime Infrastructure to Cisco Digital Network Architecture Center Co-existence Guide

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CHAPTER 1

Cisco Prime Infrastructure and Cisco DNA Center Compatibility Matrix

Introduction

You can now integrate Cisco Prime Infrastructure with Cisco Digital Network Architecture (DNA) Center and utilize the intent-based networking solution for managing application user experience in the enterprise.

Cisco DNA Center supports the expression of intent for multiple use cases, including base automation capabilities, fabric provisioning, and policy-based segmentation in the enterprise network. Cisco DNA Center adds context to this journey through the introduction of Analytics and Assurance. To know more about Cisco DNA Center, visit http://cisco.com/go/dna.

You can migrate devices, location groups, associated site maps, user defined CLI templates and CMX data from Cisco Prime Infrastructure to Cisco DNA Center and manage your enterprise network over a centralized dashboard.

Cisco Prime Infrastructure and Cisco DNA Center Compatibility Matrix

The following table lists the Cisco DNA Center releases that are compatible with Cisco Prime Infrastructure.

Table 1: Cisco Prime Infrastructure and Cisco DNA Center Compatibility Matrix

Cisco Prime Infrastructure	Cisco DNA Center
3.9	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.8, 1.2.10, 1.2.12, 1.2.12.2
	1.3.0, 1.3.0.1, 1.3.0.2, 1.3.0.3, 1.3.0.4, 1.3.0.5, 1.3.0.6
	1.3.1, 1.3.1.3, 1.3.1.4, 1.3.3.0, 1.3.3.1, 1.3.3.3, 1.3.3.4,1.3.3.5, 1.3.3.7, 1.3.3.8, 2.1.1.0, 2.1.1.3, 2.1.2.0, 2.1.2.3, 2.1.2.4 and 2.2.1.0

Cisco Prime Infrastructure	Cisco DNA Center
3.8.1	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.8, 1.2.10, 1.2.12, 1.2.12.2 1.3.0, 1.3.0.1, 1.3.0.2, 1.3.0.3, 1.3.0.4, 1.3.0.5, 1.3.0.6 1.3.1, 1.3.1.3, 1.3.1.4, 1.3.3.0, 1.3.3.1, 1.3.3.3, 1.3.3.4,1.3.3.5, 1.3.3.7, 2.1.1.0, 2.1.1.3, 2.1.2.0, and 2.1.2.4.
3.8 Update 02	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.8, 1.2.10, 1.2.12, 1.2.12.2 1.3.0, 1.3.0.1, 1.3.0.2, 1.3.0.3, 1.3.0.4, 1.3.0.5, 1.3.0.6 1.3.1, 1.3.1.3, 1.3.1.4, 1.3.3.0, 1.3.3.1, 1.3.3.3, 1.3.3.4,1.3.3.5, 2.1.1.0 and 2.1.2.4.
3.8 Update 01	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.8, 1.2.10, 1.2.12, 1.2.12.2 1.3.0, 1.3.0.1, 1.3.0.2, 1.3.0.3, 1.3.0.4, 1.3.0.5, 1.3.0.6 1.3.1, 1.3.1.3, 1.3.1.4, 1.3.3.0, 1.3.3.1, 1.3.3.3, and 1.3.3.4
3.8	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.8, 1.2.10, 1.2.10.4, 1.2.11, 1.2.12 1.3.0, 1.3.0.1, 1.3.0.2, 1.3.0.3, 1.3.0.4, 1.3.0.5, 1.3.0.6 1.3.1, 1.3.1.3, 1.3.1.4, 1.3.1.5, 1.3.2.1, 1.3.3.0, and 1.3.3.1
3.7.1 Update 04	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.8, 1.2.10, 1.2.12, 1.2.12.2 1.3.0, 1.3.0.1, 1.3.0.2, 1.3.0.3, 1.3.0.4, 1.3.0.5, 1.3.0.6 1.3.1, 1.3.1.3, 1.3.1.4, 1.3.3.0, 1.3.3.1, 1.3.3.3, 1.3.3.4 1.3.3.5, 1.3.3.8, 2.1.1.0 and 2.1.2.3
3.7.1 Update 03	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.8, 1.2.10, 1.2.12, 1.2.12.2 1.3.0, 1.3.0.1, 1.3.0.2, 1.3.0.3, 1.3.0.4, 1.3.0.5, 1.3.0.6 1.3.1, 1.3.1.3, 1.3.1.4, 1.3.3.0, 1.3.3.1, 1.3.3.3, 1.3.3.4 1.3.3.5, 1.3.3.8, 2.1.1.0 and 2.1.2.3
3.7.1 Update 02	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.8, 1.2.10, 1.2.12, 1.2.12.2 1.3.0, 1.3.0.1, 1.3.0.2, 1.3.0.3, 1.3.0.4, 1.3.0.5, 1.3.0.6 1.3.1, 1.3.1.3, 1.3.1.4, 1.3.3.0, 1.3.3.1, 1.3.3.3, 1.3.3.4 1.3.3.5 and 2.1.1.0

Cisco Prime Infrastructure	Cisco DNA Center
3.7.1 Update 01	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.8, 1.2.10, 1.2.12, 1.2.12.2 1.3.0, 1.3.0.1, 1.3.0.2, 1.3.0.3, 1.3.0.4, 1.3.0.5, 1.3.0.6 1.3.1, 1.3.1.3, 1.3.1.4, 1.3.3.0, 1.3.3.1, 1.3.3.3, and 1.3.3.4
3.7.1	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.8, 1.2.10, 1.2.12, 1.2.12.2 1.3.0, 1.3.0.1, 1.3.0.2, 1.3.0.3, 1.3.0.4, 1.3.0.5, 1.3.0.6 1.3.1, 1.3.1.3, 1.3.1.4, 1.3.3.0, and 1.3.3.1
3.7	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.8, 1.2.10, 1.2.10.4, 1.2.11, 1.2.12 1.3, 1.3.0.1, 1.3.0.2, 1.3.0.3, and 1.3.1
3.6	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.8, and 1.2.10
3.5	1.2.1, 1.2.2, 1.2.3, 1.2.4, 1.2.5, and 1.2.6

CHAPTER 2

Migrate Cisco Prime Infrastructure 3.9 data to Cisco DNA Center

This chapter provides helpful information on the compatibility matrix, migrating data and important points related to migrating Cicso Prime Infrastructure to Cicso DNA Center.

- Migrating Data from Cisco Prime Infrastructure 3.9 to Cisco Digital Network Architecture Center, on page 5
- Important Notes, on page 8

Migrating Data from Cisco Prime Infrastructure 3.9 to Cisco Digital Network Architecture Center

Follow this procedure to access the Cisco Prime Infrastructure to Cisco DNA Center migration by logging in to Cisco Prime Infrastructure:

Before you begin

Ensure that:

- You have Root or Super Users access privileges of Cisco Prime Infrastructure.

- You have access credentials of Cisco DNA Center.

- You use Cisco Prime Infrastructure version 3.5 and above which is compatible with Cisco DNA Center versions mentioned in the Cisco Prime Infrastructure and Cisco DNA Center Compatibility Matrix table.

Step 1 Click **Cisco DNA Center coexistence** in the **Mega Menu** page.

You can also launch Cisco DNA Center coexistence from the Getting Started page. Choose **Settings** > **Getting Started** > **Cisco DNA Center coexistence**, and then click **Launch Cisco DNA Center coexistence** to open **Prime Infrastructure - Cisco DNA Center Coexistence** page.

Step 2 Click **Add Cisco DNA Center** Server.

Step 3 Enter the following Cisco DNA Center server details:

a) Server IP Address or Hostname.

       b) Username

       c) Password

       d) Confirm Password

       Note   You can integrate only one Cisco DNA Center server at a time.

Step 4   Click **Save**, to check server reachability.

Step 5   Click **Next** to go to **Sync Settings**.

Step 6   In the **Sync Settings** window:

       a) You can check for the Supported/Available Limits of the Cisco DNA Center server for the **Site Groups/Site Maps** and **Devices**. Supported/Available Limits of Cisco DNA Center will vary based on the Cisco DNA Center server core(s) count.

          The Supported/Available limits are specified in the below table:

          Table 2: Supported/Available Limits

DNAC Core	Site Groups/Site Maps	Devices
44-Core	500	1000
56-Core	1000	4000
112-Core	2000	5000

       b) Select the **Enables automatic synchronization of data integrated with Cisco DNA Center** checkbox to synchronize already migrated data set for the groups and devices from Prime Infrastructure to Cisco DNA Center automatically post modification.

       c) Select the **Include newly added data during dynamic synchronization** checkbox to move newly created groups and newly added devices during dynamic synchronization if any, from Prime Infrastructure to Cisco DNA Center automatically post addition.

         Note
            • This checkbox is enabled only if you select the **Enables automatic synchronization of data integrated with Cisco DNA Center** checkbox.

            • During force synchronization, if the **Enables automatic synchronization of data integrated with Cisco DNA Center** checkbox is enabled, any modifications made through force synchronization to the Location Group and Devices entities will be dynamically synced in Cisco DNA Center.

            • If the **Enables automatic synchronization of data integrated with Cisco DNA Center** checkbox is selected, CMX will be dynamically assigned to Cisco DNA Center floor groups, when Cisco Prime Infrastructure imports maps to CMX. (Pre Req.: CMX dynamic sync will work only on already migrated floor groups and CMX should exist in Cisco DNA Center server for CMX dynamic sync.)

       d) If the **Enable CMX settings** checkbox is selected, CMX will be pushed with floor groups. If the **Enable CMX settings** check is not selected, CMX data will not be pushed to the Cisco DNA Center server.

       e) Select the **Migrate User Defined CLI Templates** checkbox to migrate the user defined CLI and/or Composite Templates to Cisco DNA Center.

Step 7   Click **Next** to go to the Select Groups page.

Step 8   In the Select Groups window:

a) Select the location groups from the Cisco Prime Infrastructure Location Groups Selector pane. Upon selecting Site Groups, by default the buildings, floors and associated maps also get selected.

Before adding Cisco Prime Infrastructure location groups to Cisco DNA Center, you can check the limitation status bar for the selected/maximum devices and site groups of Cisco DNA Center.

The Cisco Prime Infrastructure Location groups selector pane lists all the Prime Infrastructure groups irrespective of any virtual domain.

Note   Cisco Prime Infrastructure does not migrate devices assigned in a "Campus" to the Cisco DNA Center, when the co-existence tool is used.

As a workaround, you can assign your devices to a "Building" or "Floor" type location group before using the co-existence tool.

Note   Devices assigned in the Location groups with 'Default' Group type will not be migrated to Cisco DNA Center.

Step 9   Click **Next**.

Step 10   In the CMX Credentials window:

a) You can view the list of associated CMX for selected groups with the following details:

- Credential Status

- Server IP address

- Device Name

- Username

- Password

- SSH Username

- SSH Password

b) You must update the **SSH Username** and **SSH Password**, if it is not available for the respective CMX.

c) If the associated CMX is not found, then click **Next**.

Note   When the Cisco Prime Infrastructure – Cisco DNA Center migration tool is active and auto sync is enabled, then CMX will be dynamically pushed to Cisco DNA Center floor groups. Cisco DNA Center will there by track the location data for assigned groups.

Step 11   If "Migrate User Defined CLI Templates" checkbox is selected in 'Sync settings' page, then a new page "Select CLI Templates" will be seen after CMX page.

Step 12   In the Select CLI Templates window:

a) Non-Migrated Templates will list all the applicable user defined CLI and/or Composite templates for the device types in the selected groups for migration to Cisco DNA Center.

b) Migrated templates will list all the migrated templates available in Cisco DNA Center. You can either update or delete these templates.

Note   By default all the rows will be selected. Selected templates from the list will be updated and the deselected templates will be deleted from Cisco DNA Center.

Step 13   Click **Next**.

Step 14 In the Summary window:

a) You can view the overall summary of selected location groups, devices, associated maps, user defined templates and CMX before migrating to the Cisco DNA Center.

b) You can also view the groups, devices, maps and CMX which is added, updated and deleted under each respective tab.

c) You can view the selected CLI templates listed here. Based on the device selection in the groups you can Add/Update or Delete the CLI/Composite user defined Templates in Cisco DNA Center.

d) You can also view the status of last synced date and time.

Step 15 Click **Submit**, to migrate all the Location groups, Devices, Maps, CMX and user defined CLI/Composite templates from Prime Infrastructure to Cisco DNA Center.

Step 16 Click **Force Sync** to push data to the Cisco DNA Center server after the first migration.

You will be asked for a confirmation **DNAC data will be overwritten by PI data by the Force Sync**. Click **Yes** to proceed or **No** to stop Force Sync.

Important Notes

This section contains important notes about Cisco Prime Infrastructure - Cisco DNA Center migration:

- You can integrate only one Cisco DNA Center server at a time.

- Enabling the proxy setting is mandatory for migrating country code along with location groups from Cisco Prime Infrastructure 3.8.

- You use a single session of the migration at a time for the same Cisco Prime Infrastructure server and Cisco DNA Center server pair.

- Once the CMX is migrated to Cisco DNA Center, it will not be managed by Cisco Prime Infrastructure.

- Cisco DNA Center will not migrate the location and civic data of any building which has no floor.

- Any legacy devices which are not supported by Cisco DNA Center chosen for migration will be added to Cisco DNA Center inventory under Device Type column -"Unsupported Cisco Device".

- Any devices managed only with SNMP V1 credentials in Cisco Prime Infrastructure cannot be migrated to Cisco DNA Center, whereas SNMP V2 and V3 can be migrated to Cisco DNA Center.

- Only the basic information of the groups will be migrated, but not the rules and profiles assigned to group.

- After integration, while upgrading Cisco DNA Center to an unsupported version, error will be thrown as "Unsupported Version" and migration will stop.

- Access Points positioned in the maps in Cisco Prime Infrastructure will migrate to Cisco DNA Center, only if we manage its WLC devices with CLI Credentials.

- For Composite template Migration - The associated template should not be System template. If any composite template with system template will not get migrated.

- During composite template migration all the associated template in composite template should be having the same device type. Otherwise migration will fail.

- Specific composite templates migration is not recommended till Cisco DNA Center 1.3.3.8 and 2.1.1.3. However it works in later DNAC versions.

- DNAC Version 2.2.1.0 specific update.

- • Civic location is mandatory for Location Groups / Site groups migration especially for Cisco DNA Center 2.2.1.0 version.

  - If any one selected group does not have civic location configured, then all the selected Location Groups/Site groups migration will fail.

CHAPTER 3

Migrate Cisco Prime Infrastructure 3.8.1 data to Cisco DNA Center

This chapter provides helpful information on the compatibility matrix, migrating data and important points related to migrating Cicso Prime Infrastructure to Cicso DNA Center.

Migrating Data from Cisco Prime Infrastructure 3.8.1 to Cisco Digital Network Architecture Center

Follow this procedure to access the Cisco Prime Infrastructure to Cisco DNA Center migration by logging in to Cisco Prime Infrastructure:

Before you begin

Ensure that:

- You have Root or Super Users access privileges of Cisco Prime Infrastructure.

- You have access credentials of Cisco DNA Center.

- You use Cisco Prime Infrastructure version 3.5 and above which is compatible with Cisco DNA Center versions mentioned in the Cisco Prime Infrastructure and Cisco DNA Center Compatibility Matrix table.

Step 1 Choose **Administration** > **Settings** > **System Settings** > **General** > **Cisco DNA Center coexistence**, and then click **Launch Cisco DNA Center coexistence** to open **Prime Infrastructure - Cisco DNA Center Coexistence** page.

Step 2 Click **Add Cisco DNA Center** Server.

Step 3 Enter the following Cisco DNA Center server details:

a) Server IP Address or Hostname.
b) Username
c) Password
d) Confirm Password

Note You can integrate only one Cisco DNA Center server at a time.

Step 4 Click **Save**, to check server reachability.

Step 5 Click **Next** to go to **Sync Settings**.

Step 6 In the **Sync Settings** window:

a) You can check for the Supported/Available Limits of the Cisco DNA Center server for the **Site Groups/Site Maps** and **Devices**. Supported/Available Limits of Cisco DNA Center will vary based on the Cisco DNA Center server core(s) count.

The Supported/Available limits are specified in the below table:

Table 3: Supported/Available Limits

DNAC Core	Site Groups/Site Maps	Devices
44-Core	500	1000
56-Core	1000	4000
112-Core	2000	5000

b) Select the **Enables automatic synchronization of data integrated with Cisco DNA Center** checkbox to synchronize already migrated data set for the groups and devices from Prime Infrastructure to Cisco DNA Center automatically post modification.

c) Select the **Include newly added data during dynamic synchronization** checkbox to move newly created groups and newly added devices during dynamic synchronization if any, from Prime Infrastructure to Cisco DNA Center automatically post addition.

Note This checkbox is enabled only if you select the **Enables automatic synchronization of data integrated with Cisco DNA Center** checkbox.

Note During force synchronization, if the **Enables automatic synchronization of data integrated with Cisco DNA Center** checkbox is enabled, any modifications made through force synchronization to the Location Group and Devices entities will be dynamically synced in Cisco DNA Center.

Note If the **Enables automatic synchronization of data integrated with Cisco DNA Center** checkbox is selected, CMX will be dynamically assigned to Cisco DNA Center floor groups, when Cisco Prime Infrastructure imports maps to CMX. (Pre Req.: CMX dynamic sync will work only on already migrated floor groups and CMX should exist in Cisco DNA Center server for CMX dynamic sync.)

d) If the **Enable CMX settings** checkbox is selected, CMX will be pushed with floor groups. If the **Enable CMX settings** check is not selected, CMX data will not be pushed to the Cisco DNA Center server.

e) Select the **Migrate User Defined CLI Templates** checkbox to migrate the user defined CLI Templates to Cisco DNA Center.

Step 7 Click **Next** to go to the Select Groups page.

Step 8 In the Select Groups window:

a) Select the location groups from the Cisco Prime Infrastructure Location Groups Selector pane. Upon selecting Site Groups, by default the buildings, floors and associated maps also get selected.

Before adding Cisco Prime Infrastructure location groups to Cisco DNA Center, you can check the limitation status bar for the selected/maximum devices and site groups of Cisco DNA Center.

The Cisco Prime Infrastructure Location groups selector pane lists all the Prime Infrastructure groups irrespective of any virtual domain.

Note   Cisco Prime Infrastructure does not migrate devices assigned in a "Campus" to the Cisco DNA Center, when the co-existence tool is used.

As a workaround, you can assign your devices to a "Building" or "Floor" type location group before using the co-existence tool.

Step 9   Click **Next**.

Step 10   In the CMX Credentials window:

a) You can view the list of associated CMX for selected groups with the following details:

- Credential Status

- Server IP address

- Device Name

- Username

- Password

- SSH Username

- SSH Password

b) You must update the **SSH Username** and **SSH Password**, if it is not available for the respective CMX.

c) If the associated CMX is not found, then click **Next**.

Note   When the Cisco Prime Infrastructure – Cisco DNA Center migration tool is active and auto sync is enabled, then CMX will be dynamically pushed to Cisco DNA Center floor groups. Cisco DNA Center will there by track the location data for assigned groups.

Step 11   In the Select CLI Templates window:

a) You can view all the user defined CLI templates applicable for the devices in the selected group.

b) You can choose the desired templates which needs to be migarted.

Step 12   Click **Next** to migrate the selected templates.

Step 13   In the Summary window:

a) You can view the overall summary of selected location groups, devices, associated maps, user defined CLI Templates and CMX before migrating to the Cisco DNA Center.

b) You can view the groups, devices, maps and CMX which is added, updated and deleted under each respective tab.

c) You can also view the status of last synced date and time.

d) You can view the additional info tab created for Catalyst 9800 devices, under the devices tab.

Step 14   Click **Submit**, to migrate all the Location Groups, Devices, Maps, CLI Templates and CMX from Prime Infrastructure to Cisco DNA Center.

Step 15   Click **Force Sync** to push data to the Cisco DNA Center server after the first migration.

Important Notes

This section contains important notes about Cisco Prime Infrastructure - Cisco DNA Center migration:

- You can integrate only one Cisco DNA Center server at a time.

- Enabling the proxy setting is mandatory for migrating country code along with location groups from Cisco Prime Infrastructure 3.8.

- You use a single session of the migration at a time for the same Cisco Prime Infrastructure server and Cisco DNA Center server pair.

- Once the CMX is migrated to Cisco DNA Center, it will not be managed by Cisco Prime Infrastructure.

- Cisco DNA Center will not migrate the location and civic data of any building which has no floor.

- You can migrate the user defined CLI Templates from Cicso Prime Infrastructre to Cisco DNA Center with the Select CLI Templates tab.

- Any legacy devices which are not supported by Cisco DNA Center chosen for migration will be added to Cisco DNA Center inventory under Device Type column -"Unsupported Cisco Device".

- Any device which falls under the "Default" group category cannot be migrated to Cisco DNA Center.

- Any devices managed only with SNMP V1 credentials in Cisco Prime Infrastructure cannot be migrated to Cisco DNA Center, whereas SNMP V2 and V3 can be migrated to Cisco DNA Center.

- Only the basic information of the groups will be migrated, but not the rules and profiles assigned to group.

- When you migrate Cisco Catalyst 9800 series wireless controller from Cisco Prime Infrastructure to Cisco DNA Center, it needs the Netconf Port field details in order to move the device to managed state.

- Once the migration is done, the user has to provide the Netconf credentials in the Cisco DNA Center server manually.

- After integration, while upgrading Cisco DNA Center to an unsupported version, error will be thrown as "Unsupported Version" and migration will stop.

- Access Points positioned in the maps in Cisco Prime Infrastructure will migrate to Cisco DNA Center, only if we manage its WLC devices with CLI Credentials.

CHAPTER 4

Migrate Cisco Prime Infrastructure 3.8 data to Cisco DNA Center

Migrating Data from Cisco Prime Infrastructure 3.8 to Cisco Digital Network Architecture Center

Follow this procedure to access the Cisco Prime Infrastructure to Cisco DNA Center migration by logging in to Cisco Prime Infrastructure:

Before you begin

Ensure that:

- You have Root or Super Users access privileges of Cisco Prime Infrastructure.

- You have access credentials of Cisco DNA Center.

- You use Cisco Prime Infrastructure version 3.5 and above which is compatible with Cisco DNA Center versions mentioned in the Cisco Prime Infrastructure and Cisco DNA Center Compatibility Matrix table.

Step 1 Choose **Administration** > **Settings** > **System Settings** > **General** > **Cisco DNA Center coexistence**, and then click **Launch Cisco DNA Center coexistence** to open **Prime Infrastructure - Cisco DNA Center Coexistence** page.

Step 2 Click **Add Cisco DNA Center** Server.

Step 3 Enter the following Cisco DNA Center server details:

a) Server IP Address or Hostname.
b) Username
c) Password
d) Confirm Password

Note You can integrate only one Cisco DNA Center server at a time.

Step 4   Click **Save**, to check server reachability.

Step 5   Click **Next** to go to **Sync Settings**.

Step 6   In the **Sync Settings** window:

a) You can check for the Supported/Available Limits of the Cisco DNA Center server for the **Site Groups/Site Maps** and **Devices**. Supported/Available Limits of Cisco DNA Center will vary based on the Cisco DNA Center server core(s) count.

The Supported/Available limits are specified in the below table:

Table 4: Supported/Available Limits

DNAC Core	Site Groups/Site Maps	Devices
44-Core	500	1000
56-Core	1000	4000
112-Core	2000	5000

b) Select the **Enables automatic synchronization of data integrated with Cisco DNA Center** checkbox to synchronize already migrated data set for the groups and devices from Prime Infrastructure to Cisco DNA Center automatically post modification.

c) Select the **Include newly added data during dynamic synchronization** checkbox to move newly created groups and newly added devices during dynamic synchronization if any, from Prime Infrastructure to Cisco DNA Center automatically post addition.

Note   This checkbox is enabled only if you select the **Enables automatic synchronization of data integrated with Cisco DNA Center** checkbox.

Note   During force synchronization, if the **Enables automatic synchronization of data integrated with Cisco DNA Center** checkbox is enabled, any modifications made through force synchronization to the Location Group and Devices entities will be dynamically synced in Cisco DNA Center.

Note   If the **Enables automatic synchronization of data integrated with Cisco DNA Center** checkbox is selected, CMX will be dynamically assigned to Cisco DNA Center floor groups, when Cisco Prime Infrastructure imports maps to CMX. (Pre Req.: CMX dynamic sync will work only on already migrated floor groups and CMX should exist in Cisco DNA Center server for CMX dynamic sync.)

d) If the **Enable CMX settings** checkbox is selected, CMX will be pushed with floor groups. If the **Enable CMX settings** check is not selected, CMX data will not be pushed to the Cisco DNA Center server.

Step 7   Click **Next** to go to the Select Groups page.

Step 8   In the Select Groups window:

a) Select the location groups from the Cisco Prime Infrastructure Location Groups Selector pane. Upon selecting Site Groups, by default the buildings, floors and associated maps also get selected.

Before adding Cisco Prime Infrastructure location groups to Cisco DNA Center, you can check the limitation status bar for the selected/maximum devices and site groups of Cisco DNA Center.

The Cisco Prime Infrastructure Location groups selector pane lists all the Prime Infrastructure groups irrespective of any virtual domain.

Note Cisco Prime Infrastructure does not migrate devices assigned in a "Campus" to the Cisco DNA Center, when the co-existence tool is used.

As a workaround, you can assign your devices to a "Building" or "Floor" type location group before using the co-existence tool.

Note Devices assigned in the Location groups with 'Default' Group type will not be migrated to Cisco DNA Center.

Step 9 Click **Next**.

Step 10 In the CMX Credentials window:

a) You can view the list of associated CMX for selected groups with the following details:

- Credential Status

- Server IP address

- Device Name

- Username

- Password

- SSH Username

- SSH Password

b) You must update the **SSH Username** and **SSH Password**, if it is not available for the respective CMX.

c) If the associated CMX is not found, then click **Next**.

Note When the Cisco Prime Infrastructure – Cisco DNA Center migration tool is active and auto sync is enabled, then CMX will be dynamically pushed to Cisco DNA Center floor groups. Cisco DNA Center will there by track the location data for assigned groups.

Step 11 In the Summary window:

a) You can view the overall summary of selected location groups, devices, associated maps and CMX before migrating to the Cisco DNA Center.

b) You can also view the groups, devices, maps and CMX which is added, updated and deleted under each respective tab.

c) You can also view the status of last synced date and time.

d) You can view the additional info tab created for Catalyst 9800 devices, under the devices tab.

Step 12 Click **Submit**, to migrate all the Location Groups, Devices, Maps and CMX from Prime Infrastructure to Cisco DNA Center.

Step 13 Click **Force Sync** to push data to the Cisco DNA Center server after the first migration.

Important Notes

This section contains important notes about Cisco Prime Infrastructure - Cisco DNA Center migration:

- You can integrate only one Cisco DNA Center server at a time.

- Enabling the proxy setting is mandatory for migrating country code along with location groups from Cisco Prime Infrastructure 3.8.

- You use a single session of the migration at a time for the same Cisco Prime Infrastructure server and Cisco DNA Center server pair.

- Once the CMX is migrated to Cisco DNA Center, it will not be managed by Cisco Prime Infrastructure.

- Cisco DNA Center will not migrate the location and civic data of any building which has no floor.

- Any legacy devices which are not supported by Cisco DNA Center chosen for migration will be added to Cisco DNA Center inventory under Device Type column -"Unsupported Cisco Device".

- Any device which falls under the "Default" group category cannot be migrated to Cisco DNA Center.

- Any devices managed only with SNMP V1 credentials in Cisco Prime Infrastructure cannot be migrated to Cisco DNA Center, whereas SNMP V2 and V3 can be migrated to Cisco DNA Center.

- Only the basic information of the groups will be migrated, but not the rules and profiles assigned to group.

- When you migrate Cisco Catalyst 9800 series wireless controller from Cisco Prime Infrastructure to Cisco DNA Center, it needs the Netconf Port field details in order to move the device to managed state.

- Once the migration is done, the user has to provide the Netconf credentials in the Cisco DNA Center server manually.

- After integration, while upgrading Cisco DNA Center to an unsupported version, error will be thrown as "Unsupported Version" and migration will stop.

- Access Points positioned in the maps in Cisco Prime Infrastructure will migrate to Cisco DNA Center, only if we manage its WLC devices with CLI Credentials.