FAQs: Migrating Cisco Prime Infrastructure to Cisco Catalyst Center using the Prime Data Migration Tool

This chapter provides information on frequently asked questions about migrating data and important points related to migrating Cisco Prime Infrastructure to Cisco Catalyst Center using the Prime Data Migration Tool

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Q. What is the Prime Data Migration Tool (PDMT)?

A. The Prime Data Migration Tool (PDMT) is a tool designed to facilitate the migration of data from Cisco Prime Infrastructure to Cisco Catalyst Center. It helps migrate location groups, devices, templates, and other configurations while ensuring that the data is correctly synchronized and backed up.

Q. Why should I use the PDMT to migrate data?

A. The PDMT ensures a smooth and organized migration from Prime Infrastructure to Catalyst Center. It provides several benefits, including:

- Migration of configuration data such as devices, site groups, maps, and templates.
- Options for archiving, restoring, and backing up data.
- Pre-migration assessments via the PDART tool to ensure compatibility with the Cisco Catalyst Center.
- Automatic synchronization and management of migrated data.

Q. What is PDART, and why should I run it before migrating data?

A. PDART (Prime Data Migration Assessment Tool) is a pre-migration assessment tool that evaluates your Cisco Prime Infrastructure deployment and determines if it is compatible with the Cisco Catalyst Center.

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Running PDART before initiating the migration ensures that your deployment is compatible and highlights any potential issues, preventing migration failures.

Q. What should I do if I encounter an "Invalid Certificate" error while adding a Cisco Catalyst Center server?

A. If you receive an "Invalid Certificate" error when adding a Cisco Catalyst Center server, it means that the server's certificate is not trusted. To resolve this, you can:

- Click on the error message, which provides an option to remove the invalid certificate.
- After removing the certificate, retry adding the server.

Q. What are the different sync options in the Prime Data Migration Tool?

A. There are two primary synchronization options available:

- Force Sync: Forces a complete sync of the data from Prime Infrastructure to Cisco Catalyst Center. This is typically used after making changes in Prime Infrastructure or after a large-scale migration.
- Dynamic Sync: Automatically synchronizes any updates to migrated groups, devices, and CMX (Cisco Mobility Express) data. This option does not support add, update, or delete operations for maps, CLI templates, or ISE servers, which require a Force Sync.

Q. Can I migrate only selected devices and groups?

A. Yes, you can selectively migrate devices and groups. During the migration process, you can choose which location groups, devices, and other components to migrate. You can also opt to only sync newly selected data by checking the "Sync only new selection" checkbox.

Q. What should I do if the migration tool shows that a group is "Marked for Deletion" or "Marked for Unmapping"?

A.
- **Marked for Deletion**: This label appears when a group is unselected for migration and the "Delete sites in Cisco Catalyst Center for the current Force Sync" option is checked. It indicates that the group will be removed from the Cisco Catalyst Center after the Force Sync.

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- **Marked for Unmapping**: This label appears when a group is unselected for migration, but the option to delete sites is not enabled. The group will remain in the Cisco Catalyst Center, but the mapping to Prime Data Migration Tool will be removed.

Q. What if I need to migrate CLI templates?

A. You can migrate both User-Defined CLI Templates and CLI System Templates by selecting the appropriate checkboxes during the migration process. You will then be able to choose which templates to migrate, update, or delete in Cisco Catalyst Center.

Q. Do I need to manually create new sites (if needed) in Cisco Catalyst Center before migrating?

A. No, you can use the Catalyst Center Site Builder tool to create sites directly within Cisco Catalyst Center during the migration process. This allows you to migrate location groups from Prime Infrastructure to Catalyst Center seamlessly, including the option to create campuses, buildings.

Q. How does the tool handle CMX and ISE server migrations?

A. If you enable CMX Settings during migration, CMX data will be pushed to the Catalyst Center floor groups automatically.

A. Similarly, selecting the ISE Settings checkbox will push ISE server details to the Catalyst Center.

A. You can also update the credentials for ISE and CMX servers during the migration process.

Q. What happens if the migration fails

A. If the migration fails, the Prime Data Migration Tool provides error messages that help diagnose the issue. You can check the Job History for more details on the failure, review the logs, and attempt to resolve any issues. It’s recommended to run Force Sync again after troubleshooting.

Q. Can I migrate my data if I have not updated to the latest version of Prime Infrastructure?

A. It’s recommended to use the latest supported versions of Prime Infrastructure (such as 3.9.1 or 3.10.5) to ensure compatibility with the Cisco Catalyst Center. Using older versions may result in compatibility issues or incomplete data migration.

Q. Can I migrate only part of my network configuration from Prime Infrastructure to Cisco Catalyst Center?

A. Yes, the PDMT allows you to selectively migrate specific parts of your network configuration. You can choose which location groups, devices, templates, and other components to migrate. You can even opt to migrate only newly selected data by using the "Sync only new selection" checkbox.

Q. Can I cancel the migration if something goes wrong?

A. Once a migration process (such as Force Sync) is initiated, you cannot cancel it midway. In the JobHistory, you can review the logs, identify the issue, and resolve it before retrying the migration process.

Q. Can I migrate data to multiple Cisco Catalyst Center servers at once?

A. No, you can only integrate one Cisco Catalyst Center server at a time during the migration process. However, you can back up and restore data between Catalyst Center servers using the Multi Server Settings after performing a Force Sync.

Q. What data can I migrate from Prime Infrastructure to Catalyst Center?

A. You can migrate various network configurations, including:

- Location Groups/Site Maps: Buildings, floors, areas, and associated maps.
- Devices: Switches, routers, access points, etc.
- CLI Templates: User-defined and system CLI templates.
- ISE and CMX Servers

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- Templates: Both system and user-defined templates used for device configuration.

Q. How do I update civic location information for a site in Catalyst Center?

A. If the site you are migrating does not have civic location details, the migration tool will prompt you to enter these details. You can either provide the Address, or you can manually enter the Latitude and Longitude values for the building. After entering this information, click Save to update the civic location details.

Q. Can I migrate data from a Catalyst Center server that is not part of the same network as Prime Infrastructure?

A. Yes, as long as the Cisco Catalyst Center server is reachable from the network where Prime Infrastructure is hosted, you can migrate data. Ensure that the IP address or hostname of the Catalyst Center server is correctly entered in the migration tool and verify that no firewall or network security policies are blocking communication.

Q. What does the "Marked for Migration" label mean?

A. The Marked for Migration label appears when you select groups or devices in Prime Infrastructure that are set to be migrated to Cisco Catalyst Center. Once the migration is complete, these groups will be labelled as Migrated in the Cisco Catalyst Center, indicating successful data transfer.

Q. How can I troubleshoot migration errors?

A. If you encounter errors during migration, follow these steps:

- Check Migration Logs: Download the migration logs by clicking Download Logs in the top-right corner of the PDMT.
- Review Job History: View detailed job history and error messages for specific jobs by clicking Job History.
- Check Compatibility: Ensure that your Cisco Catalyst Center server meets the required limits for migrated data (e.g., site groups, devices, templates).
- Run PDART: Run the PDART pre-migration assessment tool to verify that your Prime Infrastructure deployment is compatible with Catalyst Center.
- Network Connectivity: Ensure that both Prime Infrastructure and Cisco Catalyst Center are properly connected and accessible over the network.