Document Conventions

Command descriptions use these conventions:

Screen examples use these conventions:

Related Documentation

CHAPTER 1

Introduction to Cisco Data Center Network Manager

DCNM Roles

Cisco DCNM performs authorization of access to the users based on roles. The role-based authorization hhe rose whtchntshhe usersare assigthd.n

CHAPTER

CHAPTER 4f

Cisco DCNM Web Client

Downloading Cisco Device Manager Client

- Switch initiates auto-configuration and Cisco DCNM triggers auto-pull, which requires switch to support auto-configuration feature.
- Cisco DCNM controlled configuration deployment. That means, DCNM manages the VLAN (de)allocation, (un)deploys and tracks the configuration on switches.

Step 2

- VMWare ESXi 6.0
-

CHAPTER

Data Migration in Cisco DCNM-SAN Server

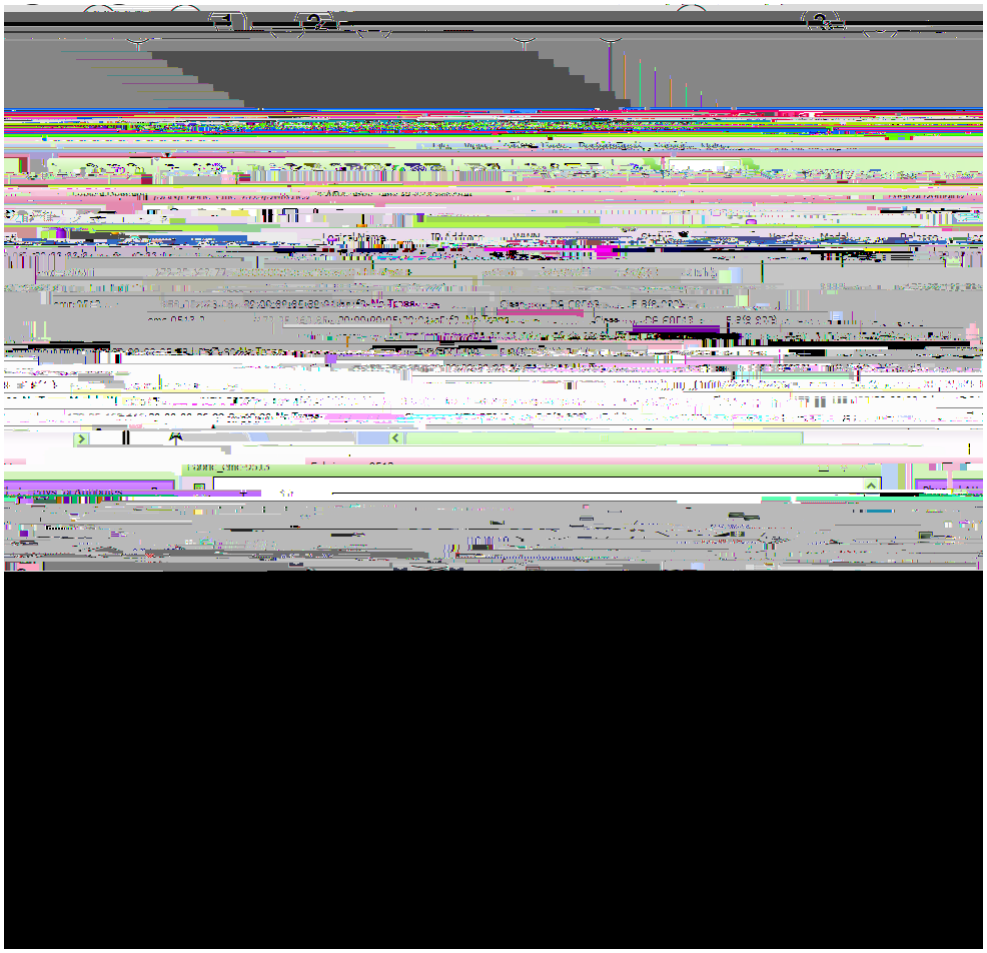
The database migration should be limited to the existing database. Data collision can occur when you merge the data between the several databases.

When you upgrade a non federation mode database to

Detailed Steps

CHAPTER

Figure 9-1 Cisco DCNM-SAN Main Window: Server Admin Perspective



1 Menu bar—Provides access to options that are organized by menus.

2 Toolbar—Provides icons for direct access to the most commonly used options on the File, Tools, and Help menus.

3

– Flex Attach Pre-Configure Server—Sets the port configurations for all the ports in a switch such

If a switch or director is grayed out, Cisco DCNM-SAN can no longer communicate with it.

The bottom of the Fabric pane has the following tabs:

- Fabric—When displaying multiple fabrics, each fabric has its own tab. You can switch between fabrics by clicking on their respective tabs.
- Log—Displays messages that describe Cisco DCNM-SAN operations, such as fabric discovery.

When viewing large fabrics in the Fabric pane, it is helpful to do the following tasks:

-

-

-

Performance Manager creates a series of archived data to hold summarized information present in the real-time round-robin database. This archived data is

Figure 11-1 Baseline Threshold Example

The threshold is set for Monday at 2 p.m. The baseline threshold is set at 130% of the average for that statistic. The average is calculated from the statistics value that occurred at 2 p.m. on Monday, for every prior Monday (for the weekly option) or the statistics value that occurred at 2 p.m. on each day, for every

CHAPTER 12

Monitoring the Network

This chapter describes how the DCNM-SAN manages the network. In particular, SAN discovery and network monitoring are two of its key network management capabilities.

Device Manager checking for oversubscription on the host-optimized four-port groups on relevant

CHAPTER A

DCNM Vacuum and Autovacuum Postgres Databases

This chapter describes how to vacuum the postgres database in Microsoft Windows and Linux.

This chapter includes the following sections:

ciscoIPsecProvCryptomapAttached
ciscoIPsecProvCryptomapDeleted
ciscoIPsecProvCryptomapDetached
ciscoIkeConfigOperStateChanged
ciscoIkeConfigPolicyAdded
cisccisc72IhDel6.21c yt6.21c y

Switch Hardware

Table B-6 Switch Hardware Events

APPENDIX C

Vcenter Plugin

VMware Vcenter plugin allows you to monitor the Cisco Unified Computing System™ (Cisco UCS®), Cisco Nexus, and Cisco MDS 9000 Family platforms through Cisco DCNM.

The Cisco DCNM plug-in for VMware Vcenter adds a multihop view and monitoring of Ethernet and Fibre Channel Cisco Nexus and Cisco MDS 9000 Family topologies. The increased visibility into virtualized infrastructure helps network administra