Configure High Availability

This chapter describes the procedures for fast recovery of the system from various faults that can occur in any part of the OTN network.

Hard Reset a card Using CTC

Purpose	Hard reset will allow you to perform reset on a card.
Tools/Equipment	None
Prerequisite Procedures	"Login to CTC" in *System Setup and Software Installation Guide for Cisco NCS 4000 Series.*
Required/As Needed	As needed
Onsite/Remote	Onsite or remote
Security Level	Provisioning or higher

Procedure

Step 1 In the **Node View**, double-click the **line card** (NCS4K-20T-O-S/ NCS4K-2H10T-OP-KS/ NCS4K-2H-O-K/ NCS4K-24LR-O-S).

Step 2 Click the **Inventory** tab.

Step 3 Select a card to perform a hard reset.

Step 4 Click **Hard Reset**.

Stop. You have completed this procedure.

LC and RP VM Switchover Using CTC

Purpose	This procedure enables you to perform switchover from active LC/RP VM to standby LC/RP VM.
Tools/Equipment	None
Prerequisite Procedures	"Login to CTC" in *System Setup and Software Installation Guide for Cisco NCS 4000 Series.*
Required/As Needed	As needed
Onsite/Remote	Onsite or remote
Security Level	Provisioning or higher

Procedure

Step 1 In the Node View, click the **Maintenance** > **Switchover** tabs.

Step 2 Click **Switchover RP** or **Switchover LC**.

Note If Frequency Synchronization is configured on the node, it will take up to 60 seconds to attain the frequency synchronization lock after VM switchover.

Stop. You have completed this procedure.