CHAPTER 1

Configuring a Cisco Unity Connection Cluster

This chapter contains the following sections:

Task List for Configuring a Cisco Unity Connection Cluster

Caution Configure a Cisco Unity Connection cluster only after you have installed the publisher server and set up administrator workstations according to instructions in the *Installation Guide for Cisco Unity Connection Release 7.x*.

Do the following tasks in the order listed to configure a Cisco Unity Connection cluster correctly:

1. On the publisher server, configure the Connection cluster by adding the host name or IP address of the subscriber server and enable access to alert logs for when the publisher server is not functioning. See the "Configuring the Cisco Unity Connection Cluster" section on page 1-1.
2. Set up alert notification of server status changes. See the "Setting Up Alert Notification of Server Status Changes" section on page 1-2.
3. *Optional:* Adjust the cluster settings. See the "Customizing Cluster Settings" section on page 1-3.
4. Continue with the next task in "Part 3: Configuring the Cluster, and Installing and Configuring the Subscriber Connection Server" in the "Task List for Installing a Cisco Unity Connection 7.x System with a Connection Cluster Configured" in the *Installation Guide for Cisco Unity Connection Release 7.x*.

Configuring the Cisco Unity Connection Cluster

You configure the cluster after you have installed the publisher server.

Do the two procedures in this section in the order listed.

Note The Cisco Unity Connection cluster feature is not supported for use with Cisco Unified Communications Manager Business Edition.

To Configure the Cisco Unity Connection Cluster

Step 1 On the publisher server, log on to Cisco Unity Connection Administration.

Step 2 In Connection Administration, expand **System Settings**, then click **Cluster**.

Step 3 On the Find and List Servers page, click **Add New**.

Step 4 On the New Server Configuration page, in the Host Name/IP Address field, enter the host name or IP address of the second server in the cluster.

Step 5 *Optional:* In the MAC Address field, enter the MAC address of the second server.

Step 6 In the Description field, enter **Server 2** or another description for the second server.

Step 7 Click **Save**.

To Enable Access to Alert Logs for When the Publisher Server Is Not Functioning

Step 1 In Connection Administration, expand **System Settings**, then click **Service Parameters**.

Step 2 On the Service Parameters page, in the Server field, click the publisher server.

Step 3 In the Service field, click **Cisco AMC Service**.

Step 4 In the Failover Collector field, click the subscriber server.

Step 5 Click **Save**.

Setting Up Alert Notification of Server Status Changes

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We recommend that you configure the Cisco Unified Real-Time Monitoring Tool to send notifications for the following Cisco Unity Connection alerts:

- AutoFailbackFailed
- AutoFailbackSucceeded
- AutoFailoverFailed
- AutoFailoverSucceeded
- NoConnectionToPeer
- SbrFailed

For instructions on setting up alert notification for Connection alerts, see the “Working with Alerts” chapter (in the “Alerts” part) of the *Cisco Unified Real-Time Monitoring Tool Administration Guide* at http://www.cisco.com/en/US/products/ps6509/prod_maintenance_guides_list.html.

Customizing Cluster Settings

You can change the default cluster settings.

To Customize Cluster Settings

Step 1 On the publisher server, log on to Cisco Unity Connection Administration.

Step 2 In Connection Administration, expand **System Settings > Advanced**, then click **Cluster Configuration**.

Step 3 On the Cluster Configuration page, change the settings as applicable:

Deactivate server with Secondary status when replication is backlogged	When this check box is checked, a replication backlog condition causes the server with Secondary status to change to Deactivated. When this check box is unchecked, a replication backlog condition does not cause the server with Secondary status to change status. The default is unchecked.
Automatically change server status when the publisher server fails	When this check box is checked, a failure of the publisher server causes the server with Secondary status to change automatically to Primary. When this check box is unchecked, a failure of the publisher server does not cause the server with Secondary status to change status. The status of the server must be changed manually. The default is checked.

Step 4 Click **Save**.