



Updating and Modifying Pre-shared Keys

This chapter contains the following sections:

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- [Changing Pre-shared Key Lengths, page 8-6](#)

Regenerating Pre-shared Keys

You can regenerate pre-shared keys by scheduling it as a task within ISC Task Manager.

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- Step 1** Click **Home > Monitoring > Task Manager > Tasks**. The Tasks page appears as shown in [Figure 8-1](#).

Figure 8-1 The Tasks Page

The screenshot shows the 'Tasks' page in the Cisco IP Solution Center. The navigation bar includes 'Service Inventory', 'Service Design', 'Monitoring', and 'Administration'. The breadcrumb trail is 'You Are Here: Monitoring > Task Manager > Tasks'. The left sidebar shows a 'TOC' with 'Tasks' selected. The main content area displays a table of tasks with the following data:

#	Task Name	Type	Schedule	Creator
1.	c1	Collect Config	Single run at 2003-04-08 13:42:00.0	admin
2.	Deployment Flow Task 2003-04-08 14:40:27.644	Deployment Flow	Single run at 2003-04-08 14:40:00.0	admin
3.	Task Created 2003-06-10 16:44:15.292	Service Deployment	Single run at 2003-06-10 16:44:00.0	admin

Below the table, there is a 'Rows per page' dropdown set to 10, an 'Auto Refresh' checkbox checked, and buttons for 'Create', 'Details', 'Schedules', and 'Delete'. A search bar at the top of the table area allows filtering by task name and type.

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Step 2 Click **Create**. The Create Task page appears as shown in Figure 8-2.

Figure 8-2 The Create Task Page

The screenshot shows the 'Create Task' page in the Cisco IP Solution Center. The navigation bar and breadcrumb trail are the same as in Figure 8-1. The left sidebar shows 'Mode: ADDING' and '1. Create Task' selected. The main content area displays a form with the following fields:

- Name ***: Task Created 2003-06-17 00:03:51.917
- Type**: Service Deployment (dropdown menu)
- Description**: Created on Tue Jun 17 00:03:51 PDT 2003

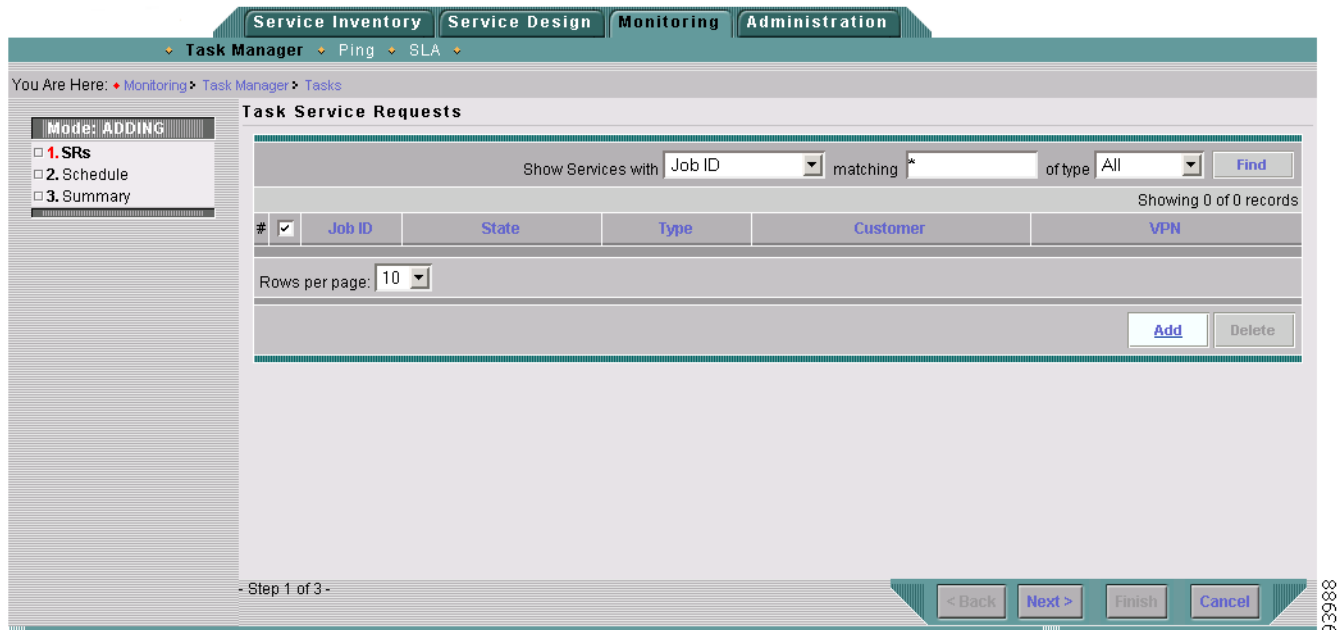
A note below the form states: 'Note: * - Required Field'. At the bottom of the page, it says '- Step 1 of 2 -' and has navigation buttons for '< Back', 'Next >', 'Finish', and 'Cancel'.

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Step 3 Select **Service Deployment** from the **Type** drop-down list.

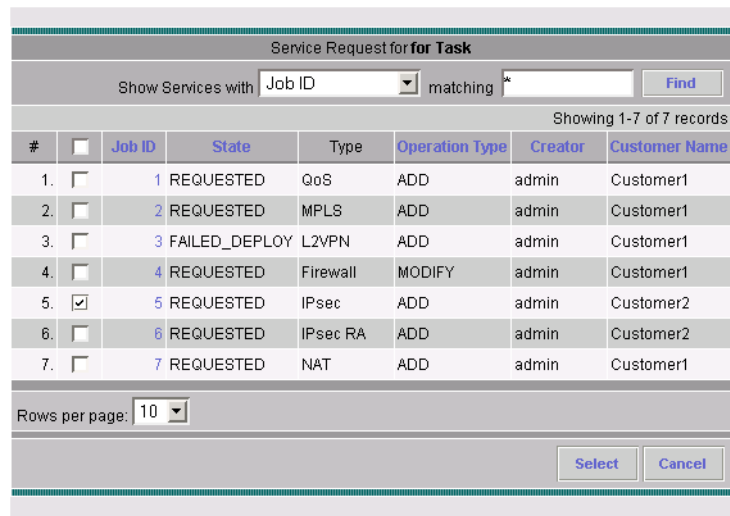
Step 4 Click **Next**. The Task Service Requests page appears as shown in Figure 8-3.

Figure 8-3 The Task Service Requests Page



Step 5 Click **Add**. The Service Request for Task dialog box appears as shown in Figure 8-4.

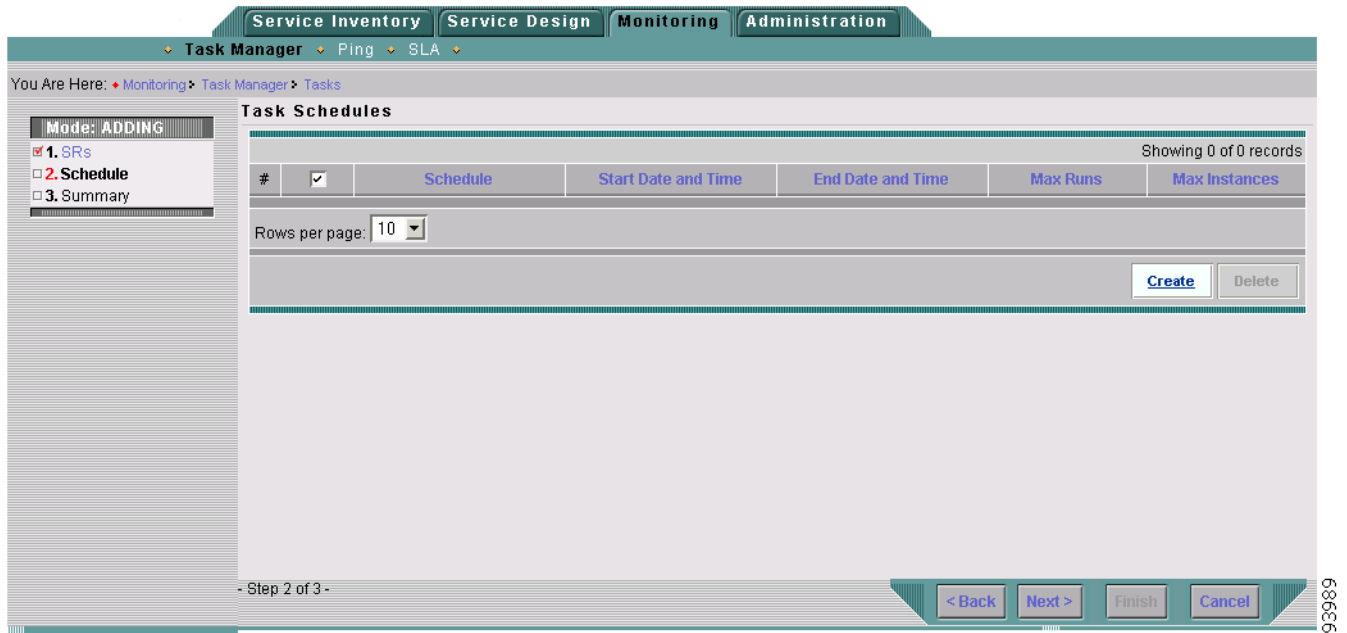
Figure 8-4 Service Request for Task Dialog Box



Step 6 Check the service request for which you would like to regenerate the pre-shared keys and click **Select** to return to the Task Service Requests page. The service request you checked now appears on the Task Service Requests page.

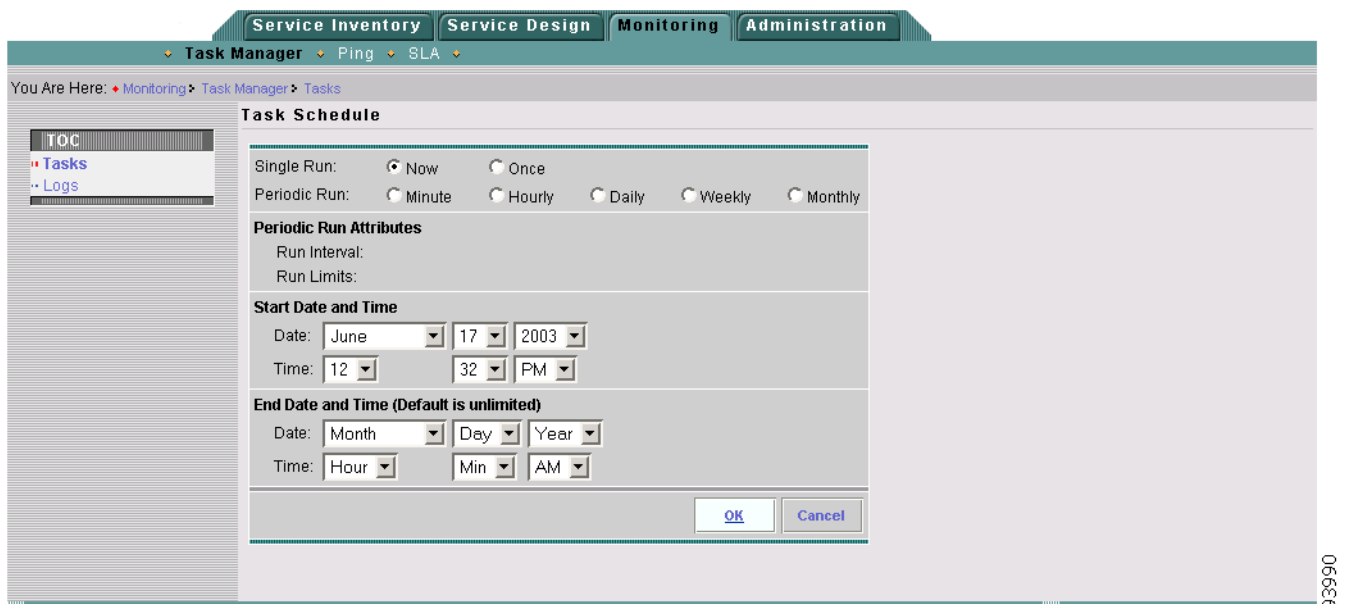
Step 7 Click **Next**. The Task Schedules page appears as shown in Figure 8-5.

Figure 8-5 The Task Schedules Page



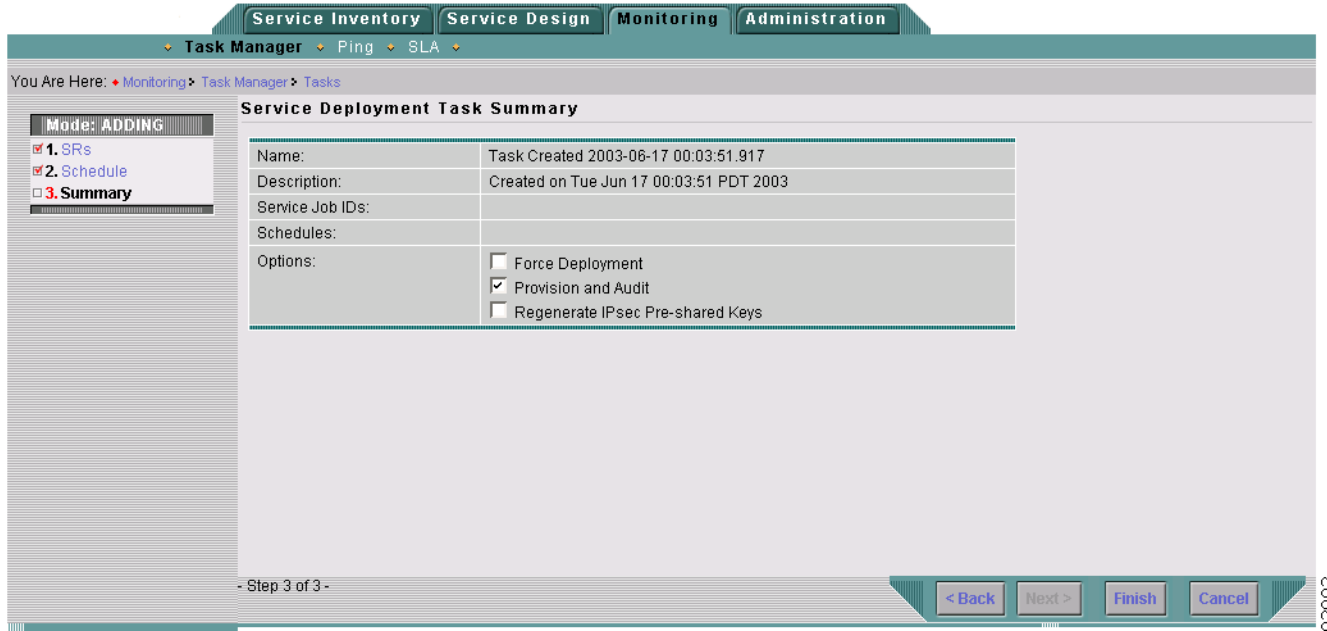
- Step 8** Click **Create**. The Task Schedules page appears with the scheduling options displayed as shown in Figure 8-6.

Figure 8-6 The Task Schedules With Scheduling Options Displayed



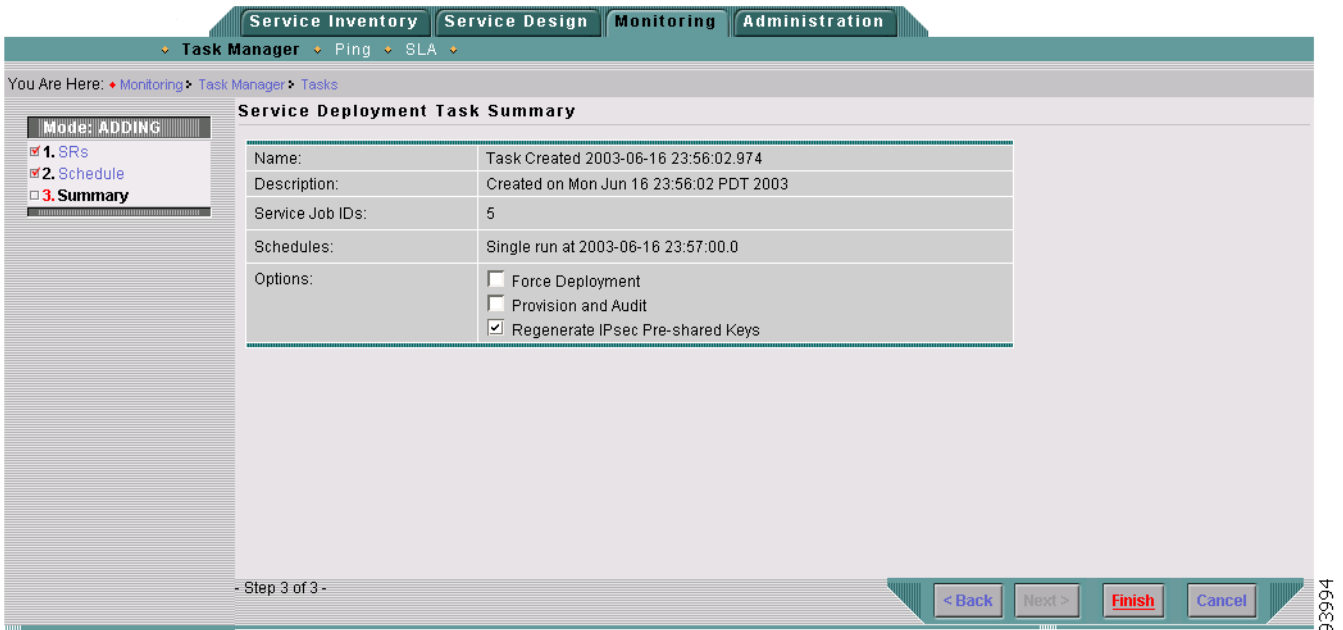
- Step 9** Select when you would like the update to occur and click **OK** to continue.
- Step 10** Click **Next**. The Service Deployment Task Summary page appears as shown in Figure 8-7.

Figure 8-7 Default Service Deployment Task Summary Page



Step 11 Uncheck **Provision and Audit** and click **Regenerate IPsec Pre-shared Keys**. The Service Deployment Task Summary Page should now appear as shown in Figure 8-8.

Figure 8-8 Service Deployment Task Summary Page



- Step 12** Click **Finish**. To view the results of the task, click **Home > Monitoring > Task Manager > Logs** and refer to the *Cisco IP Solution Center: Infrastructure Reference, 3.0* for information on logging options.

Changing Pre-shared Key Lengths

For Cisco IOS devices only, you can change the pre-shared key length for a host. To do so, perform the following steps.



Note

If a CPE device in your network uses a VPN Acceleration Module (VAM) card, you must change the pre-shared key length to 64 characters or less for all CPE devices in the same VPN to interoperate.

- Step 1** Click **Home > Administration > Control Center > Hosts**. The Hosts page appears as shown in [Figure 8-9](#).

Figure 8-9 The Hosts Page

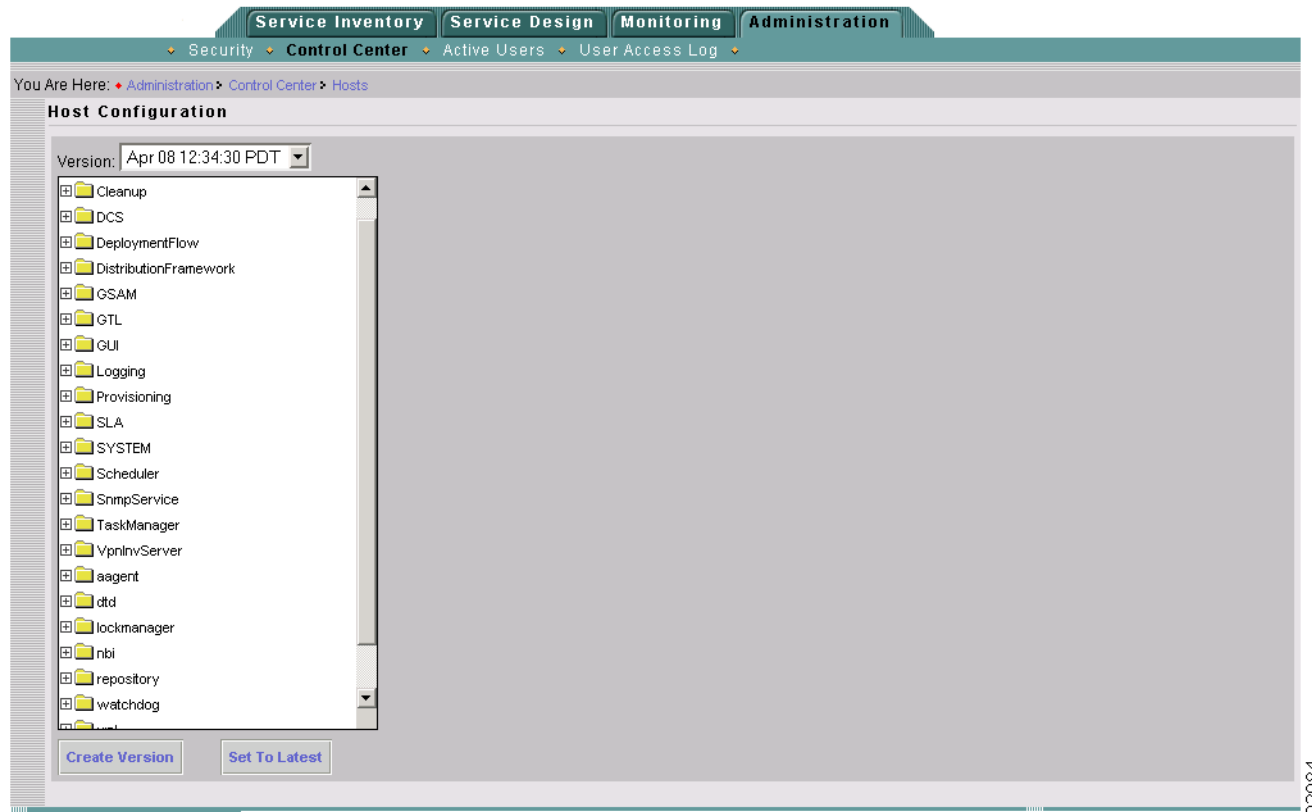
The screenshot shows the 'Hosts' page in the Cisco IP Solution Center. The breadcrumb trail is 'Administration > Control Center > Hosts'. The page title is 'Hosts'. There is a 'Refresh' button in the top right corner. Below the title, it says 'Showing 1-2 of 2 records'. The table has the following data:

#	<input type="checkbox"/>	Name	Role	Start Time	Stop Time	Running
1.	<input checked="" type="checkbox"/>	u10.cisco.com	MASTER	Unavailable	Unavailable	Unavailable
2.	<input type="checkbox"/>	doc1.cisco.com	MASTER	Jun 15 10:49:56 PM PDT	Unknown	Yes

Below the table, there is a 'Rows per page' dropdown menu set to '10'. At the bottom of the table area, there are several buttons: 'Details', 'Config', 'Servers', 'Watchdog', 'Install', 'Uninstall', and 'Logs'.

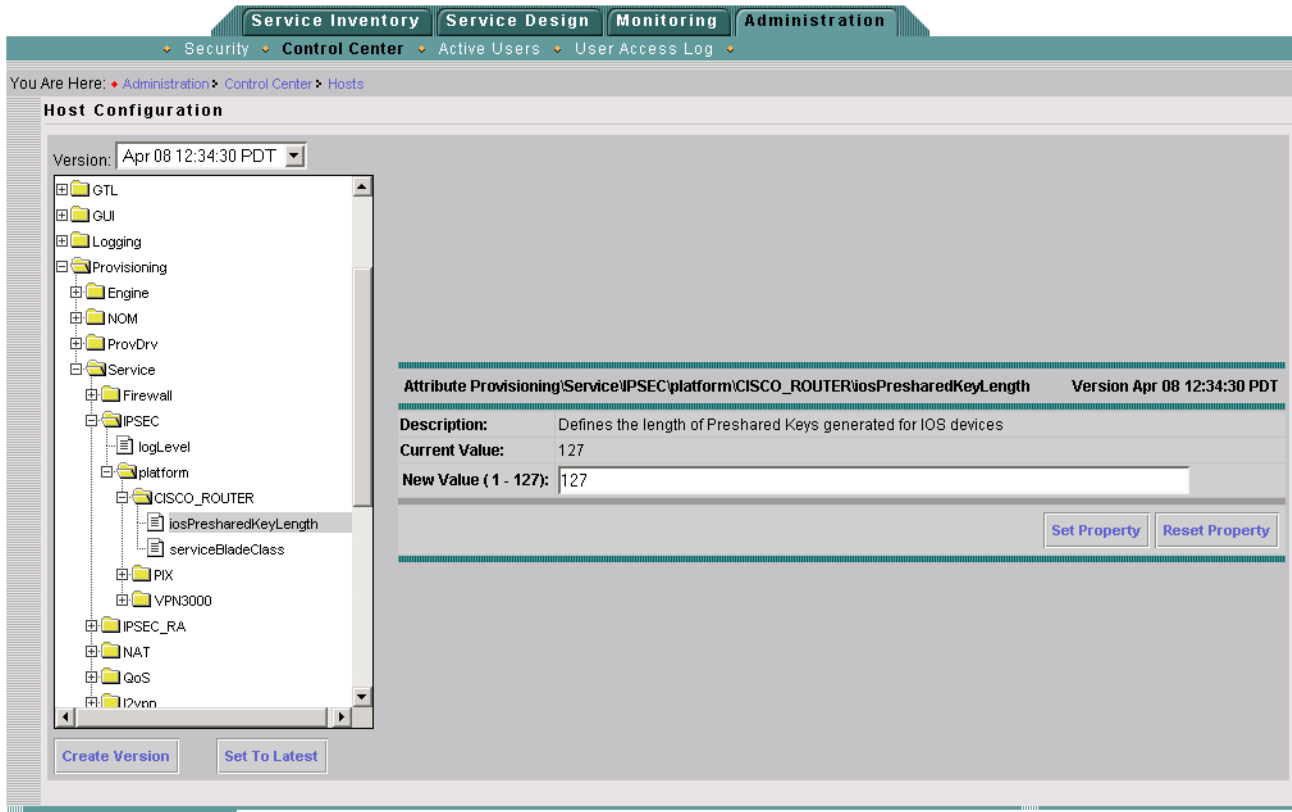
- Step 2** Select the host for which you want to change the pre-shared key length and click **Config**. The Host Configuration page appears as shown in [Figure 8-10](#).

Figure 8-10 The Host Configuration Page



- Step 3** In the folders displayed, click **Provisioning > Service > IPSEC > platform > CISCO_ROUTER > iosPresharedKeyLength**. The Host Configuration page updates and displays the key length properties fields as shown in Figure 8-11.

Figure 8-11 The Host Configuration Page With Key Length Properties Displayed



Step 4 Enter the new pre-shared key length in the **New Value (1-127)** text box and click **Set Property**.