



# Making a Device Configuration Change Using a Template

---

For security reasons, your company's policy is to change device Telnet passwords every three months. As the network administrator, you can accomplish this task with a system-defined template.

## What You Need—Prerequisites

In this scenario, you will use only the Configuration Management application.

To change Telnet passwords using this application, you must have permission to use the Telnet Password template. If you have Network Administrator permissions, you can use any template. If you do not, a network administrator must assign your permissions.

For a complete description of the required tasks, refer to the online help.

## How To Do It—Procedures

The purpose of this scenario is to show you how you can use specific applications to perform these tasks. This will help you understand how to use the applications to perform similar tasks in your network.

- 
- Step 1** Select **Resource Manager Essentials > Configuration Management > NetConfig**. The NetConfig application window opens.

- Step 2** Select **Jobs > New Job**. The New Job wizard appears with the Device Category dialog box open.
- Step 3** Select **IOS** from the Select Device Category drop-down list box, then click **Next**. The Select Devices dialog box appears.



---

**Note** Each NetConfig job can run on only one device category. You must create a separate job for each additional category of devices that you want to configure.

---

- Step 4** Select all the Cisco IOS devices in the inventory using the device selector, then click **Next**. The Apply Template dialog box appears, unless you selected any devices whose configurations are not archived.

If you selected any devices whose configurations are not archived in the configuration archive, a dialog box appears listing those devices. Click one of the buttons:

- **Open Archive Status.** Opens the Archive Status dialog box in the CiscoWorks2000 window, where you can troubleshoot devices and add their configurations to the archive.
  - **Cancel.** Cancels device selection and returns you to Select Devices dialog box.
  - **Continue.** Removes devices whose configurations are not archived and continues the Job Definition wizard at the Apply Template dialog box.
- Step 5** Apply the Telnet Password configuration template by following these steps in the Apply Templates dialog box.
- a. Select **Telnet Password** from the Select Template drop-down list.
  - b. Select **enable** from the Action drop-down list.
  - c. Select **vty** from the Line drop-down list. Note that selecting vty will enable the password on all vty lines on each device.
  - d. Enter the new Telnet password in the Password and Verify text boxes, then click **Add**.

The template and its corresponding configuration commands appear in the CLI commands viewer at the bottom of the dialog box.

- Step 6** Click **Next**. The Job Properties dialog box appears.

- Step 7** Enter a description in the Description text box and select any other job properties to apply to the job, then click **Next**.
- If Job Approval is enabled, the Set Approver dialog box appears.  
Select an approver list and enter any other optional information, then click **Next**.
  - If Job Approval is not enabled, the Work Order dialog box appears.
- Step 8** Review the work order.
- Step 9** If you need to edit the job, click **Back** to return to previous dialog boxes, make the necessary changes, then click **Next** until the Work Order dialog box appears.
- Step 10** Click **Finish**. The job is registered and runs, unless it is scheduled to run in the future.  
Note the job ID number that appears.
- Step 11** Repeat the process for each device category for which you have devices.
- Step 12** Verify that each job runs successfully. Refer to the section “Where You Should End Up—Verification” for more information.
- Step 13** After each job runs successfully, you can copy it to create a job that will change the Telnet passwords again in 3 months. To do this:
- a. Select **Jobs > Job Browser**. The job browser dialog box appears.
  - b. Select the record of the job you want to copy, then click **Copy Job**.  
The job definition opens with a new job ID assigned.
  - c. Set the schedule to start the job on the next day on which you must change the Telnet password, using the Job Properties dialog box.



**Note** You can edit any part of the job except the device category.

- d. Click **Next** until the Work Order dialog box appears.
  - e. Review the work order and make changes to the job definition, if needed.
  - f. Click **Finish** to register the new job.
-

## Where You Should End Up—Verification

After the job runs, the device configurations of the selected devices are changed. You should verify that the process was successful:

- 
- Step 1** Select **Resource Manager Essentials > Configuration Management > NetConfig**. The NetConfig application window opens.
- Step 2** Select **Jobs > Job Browser**. The Job Browser dialog box appears.
- Step 3** Locate the job's record and check its Status entry to determine if it completed successfully.
- Step 4** Select the job record and click **Job Details**. The Job Details dialog box appears.
- If the job failed, review the Download Summary page and the device details for each device to determine why it failed.
  - If the job completed successfully, click the Check Credentials button to verify that the new Telnet password is working correctly.

For more information about browsing jobs and job details, refer to the online help.

---