



## Performing a NetConfig Job with the Job Password Policy Enabled

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Essentials stores passwords in the database. While the job is run, the password is retrieved from the database for each of the selected devices. For example, if the TACACS server is managing the devices, the passwords in the TACACS server and the passwords in the Essentials database need to be synchronized (with every password change).

You now have the option of entering a username and password for running a specific NetConfig job. If you enter a username and password, NetConfig uses this username and password to connect to the device, instead of taking these credentials from the Essentials database.

This option of entering the username and password for job execution is helpful in high security installations where device passwords are changed at frequent intervals. For example, the passwords may be changed every 60-90 seconds.

In this scenario you will enable the password policy for a NetConfig job and make the password user configurable.

As a network administrator, you can enable or disable the Password Policy for each of the jobs that are run using the NetConfig application.

## What You Need—Prerequisites

In this scenario, you will use these applications:

- Configuration Management
- NetConfig

To create a template using this application, you must have Network Administrator permissions. To run a job using a template, you must have permission to use the template. If you have Network Administrator permissions, you can use any template. If you do not, a network administrator must give you permissions to use a template.

For a complete description of the required tasks, see the Essentials online help.

## How To Do It—Procedures

- [Enable Password Policy](#)
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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.

## Enable Password Policy

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**Step 1** Select **Resource Manager Essentials > Administration > Configuration Management > Configuration Job Setup**.

The Configuration Job Setup dialog box appears.

**Step 2** Click the **Password Policy** tab.

- Step 3** Select both **Enable Password Policy** and **User Configurable** options.  
For more details, see the Essentials online help.  
In the left navigation pane of the Essentials online help, select **Resource Manager Essentials > NetConfig > NetConfig Administration > Password Policy for NetConfig Jobs**.
- Step 4** Click **Apply**.
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## Define a NetConfig Job

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- Step 1** Select **Resource Manager Essentials > Configuration Management > NetConfig** from the navigation tree. If a Security Warning dialog box appears, click **Yes** to continue.  
The NetConfig desktop appears in the NetConfig window.
- Step 2** Select **Jobs > New Job**.  
The New Job wizard appears.
- Step 3** Select a device category from the Select Device Category drop-down list box.
- Step 4** Click **Next**.  
The Select Devices dialog box appears.  
After you click **Next**, you cannot change your device category during job definition. To change the device category, you must begin a new job definition by selecting **Jobs > New Job** and selecting **Yes** in the resulting dialog box.
- Step 5** Using the device selector, select the devices on which to run the job.  
If you want to view the configuration details of the selected devices, click **View Configurations**.
- Step 6** Click **Next**.  
The Apply Template dialog box appears, unless you selected any devices whose configurations are not archived.  
If you had selected any devices whose configurations are not archived in the Configuration Archive, a dialog box displays those devices.

- Step 7** Click one of the following:
- **Open Archive Status**—Opens Failed Running Configuration Device Summary Report. You can troubleshoot devices whose configurations are not archived.
  - **Cancel**—Cancels device selection and displays the Select Devices dialog box.
  - **Continue**—Removes devices whose configurations are not archived and continues the Job Definition wizard by displaying the Apply Template dialog box.

- Step 8** Apply the configuration templates for the job, by entering the information in the Apply Templates dialog box.

The contents of the dialog box depend on the configuration template selected from the Select Template drop-down list box.




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**Note** Configuration commands run in the order in which they appear in the configuration commands viewer.

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See Configuration Templates online help for the available System Defined templates.

- Step 9** Click **Add** to add a template to a job.

- Step 10** Click **Next**.

The Job Properties page appears.

- Step 11** Select Job Password and appropriately configure the other job properties for the current job by entering information in the Job Properties dialog box.

For more details, see the Essentials online help.

In the left navigation pane of the Essentials online help, select **Resource Manager Essentials > NetConfig >**

**Defining and Scheduling a NetConfig Job > Configuring Job Properties.**

**Step 12** Click **Next**.

The Job Approval Settings or Work Order dialog box appears, depending on whether Job Approval is enabled.

For more details on Job Approval, see the Essentials online help.

In the left navigation pane of the Essentials online help, select **Resource Manager Essentials > NetConfig > Defining and Scheduling a NetConfig Job > Setting Job Approvers**.

**Step 13** Enter Job Password details, Username and Password in the Work Order window.

For more details, see the Essentials online help.

In the left navigation pane of the Essentials online help, select **Resource Manager Essentials > NetConfig > Defining and Scheduling a NetConfig Job > Reviewing the Work Order**.

**Step 14** Click **Finish**.

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## Verifying the Status of NetConfig Job

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**Step 1** Select **Resource Manager Essentials > Configuration Management > NetConfig** from the navigation tree. If a Security Warning dialog box appears, click **Yes** to continue.

The NetConfig desktop appears in the NetConfig window.

**Step 2** Select **Jobs > Job Browser**.

The NetConfig Job Browser window appears.

See Browsing and Editing Jobs NetConfig Jobs online help.

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■ Verifying the Status of NetConfig Job