

## Chapter 15

# Archiving a Configuration File

This chapter describes how to perform an archive operation that copies a configuration file from a router or a group of routers to the JUNOScope software and stores it in the Concurrent Versions System (CVS) repository, where all revisions of router configuration files are stored.

This chapter also describes how to save a configuration operation so that you can combine it with other operations, such as restore and inventory scan, to run on devices in your network that you specify.

Once archived, you can display a configuration, compare two revisions of a configuration, or restore a configuration.

- For more information about comparing archived configurations, see “Comparing Configuration Files” on page 187.
- For more information about displaying an archived configuration, see “Displaying a Configuration File” on page 197.
- For more information about restoring a configuration, see “Restoring a Configuration File” on page 201.

You must have superuser or read-write permission to archive a configuration file.

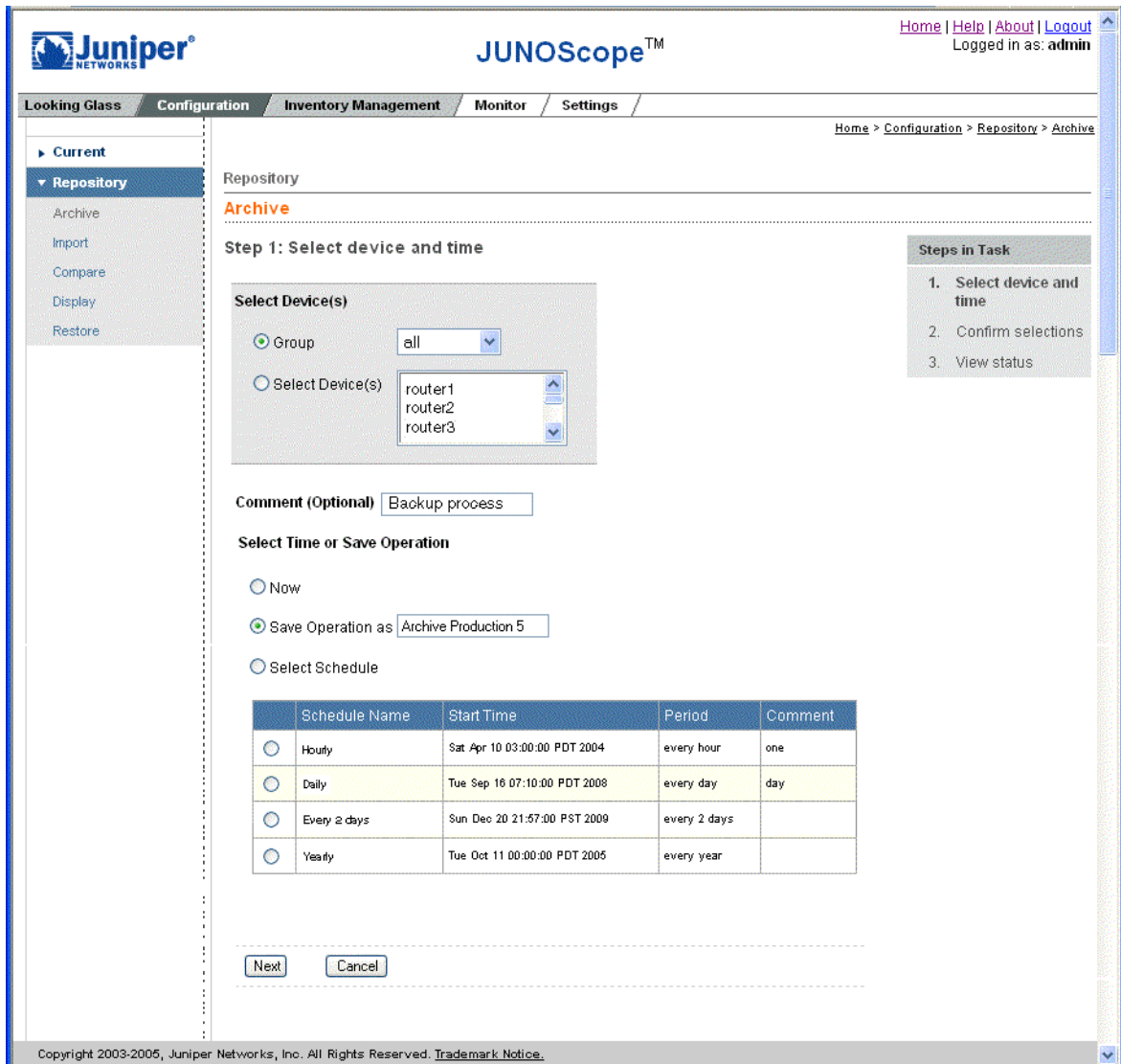
This chapter includes the following topics:

- Archiving a Configuration File on page 182
- Saving an Archive Operation on page 185

## Archiving a Configuration File

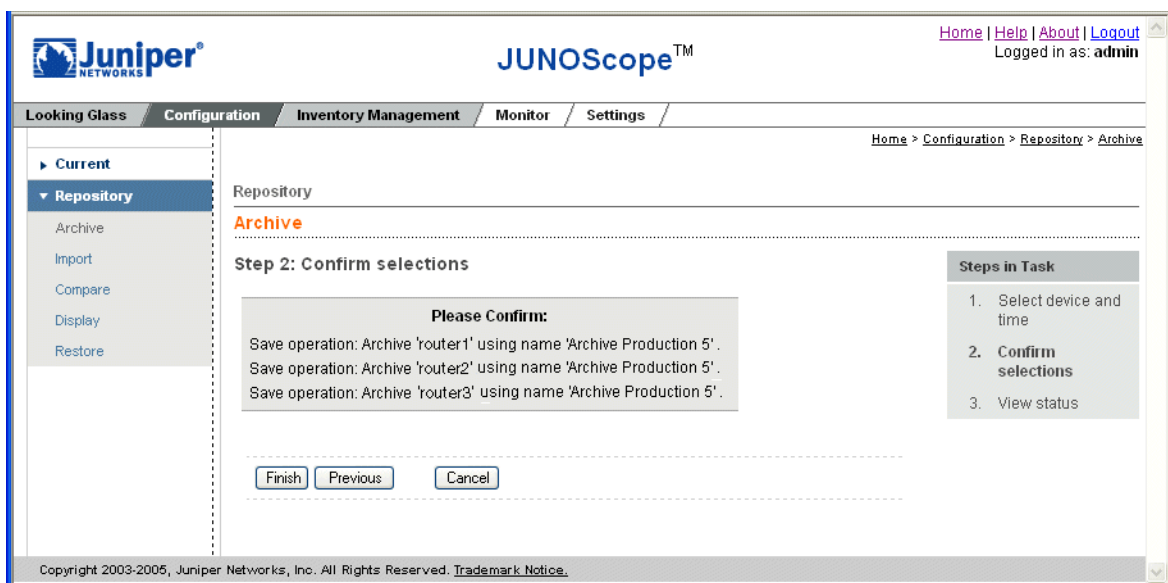
To archive a configuration file, follow these steps:

1. In the JUNOScope main window, click Configuration > Repository > Archive. The Archive—Select device and time dialog box appears.



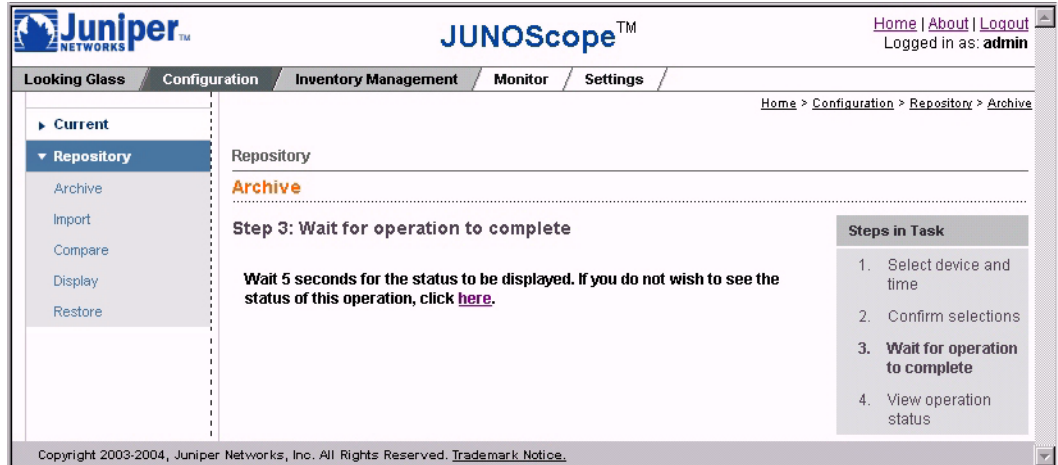
2. Select the Group or Select Device(s) option button.
3. Select the group or devices that you want from the Group or Select Device(s) list box. Shift-click to select multiple devices from the Select Device(s) drop-down list box.
4. In the Comment text box, type an optional descriptive comment about the archive that you want to perform.

5. Select when you want the archive to occur by clicking the appropriate option button:
  - Now—(Default) Performs an archive immediately after you confirm it.
  - Select Schedule—Performs an archive at the scheduled time interval.
  - Select to save the archive operation to run at a later time. Click Save Operation as, then type an operation name in the text box.
6. Click Next. The Archive—Confirm selections dialog box appears.



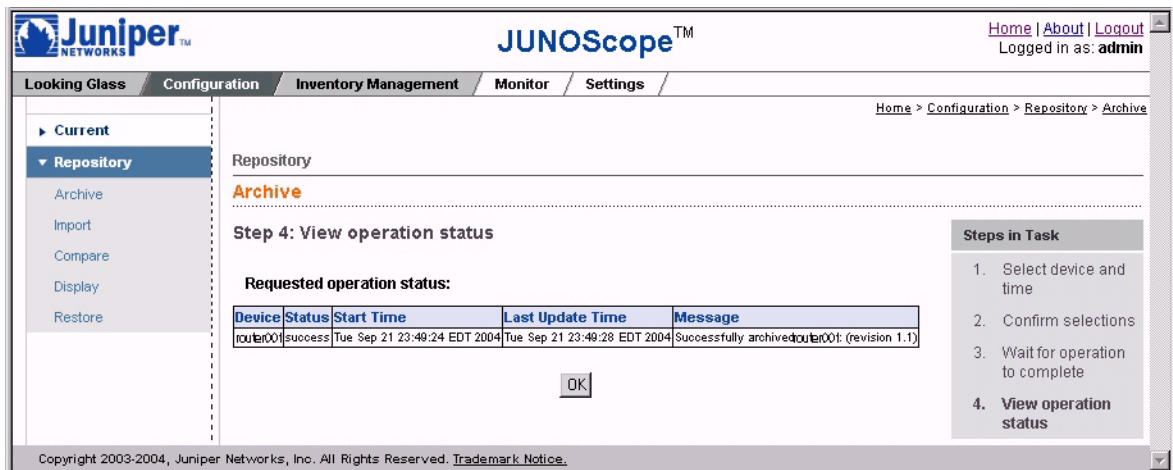
7. Confirm that the archive options that you selected are correct.
8. Click Finish to confirm the archive.

- If you selected Now in Step 5, archiving occurs immediately and the Archive—Wait for operation to complete dialog box appears.



- If you selected to save the archive operation, you return to the Configuration > Repository menu. To view the saved operation, click Settings > Saved Operations.
- If you selected a schedule, archiving occurs when the operation is scheduled to be run.

When the archive process is complete, the Archive—View operation status dialog box appears.



The Archive—View operation status dialog box lists the archive operation by device name, status, start time, last update time, and status message. The Archive operation status can be successful, failed, writing, pending, connecting, or working.

9. Click OK.

## Saving an Archive Operation

You can save an archive operation and combine it with other operations to run them concurrently or in sequence on specific devices.

To save an archive operation, follow these steps:

1. From the JUNOScope main window, click Configuration > Repository > Archive. The Archive—Select Device and Time dialog box appears.

Juniper NETWORKS JUNOScope™ Home | Help | About | Logout  
Logged in as: admin

Looking Glass Configuration Inventory Management Monitor Settings

Home > Configuration > Repository > Archive

Repository

**Archive**

**Step 1: Select device and time**

**Select Device(s)**

Group

Select Device(s)

**Comment (Optional)**

**Select Time or Save Operation**

Now

Save Operation as

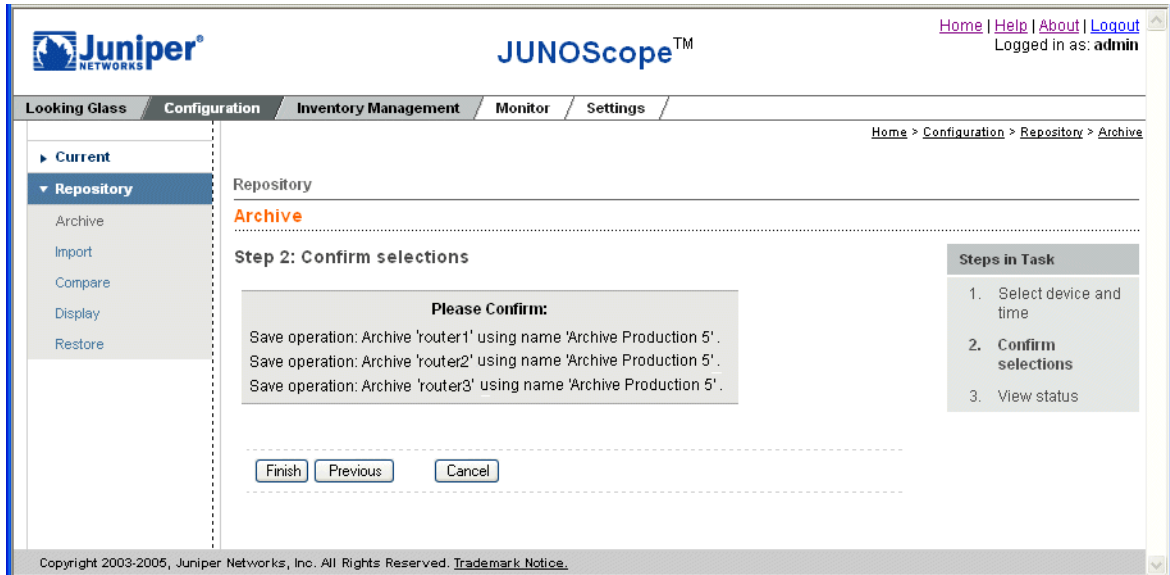
Select Schedule

	Schedule Name	Start Time	Period	Comment
<input type="radio"/>	Hourly	Sat Apr 10 03:00:00 PDT 2004	every hour	one
<input checked="" type="radio"/>	Daily	Tue Sep 16 07:10:00 PDT 2008	every day	day
<input type="radio"/>	Every 2 days	Sun Dec 20 21:57:00 PST 2009	every 2 days	
<input type="radio"/>	Yearly	Tue Oct 11 00:00:00 PDT 2005	every year	

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2. Select the group or device(s) that you want to archive.
3. Type an optional comment about the archive operation.
4. Click the Save Operation as option button and type a name for the archive operation in the text box.

5. Click Next. The Archive Confirm Selections dialog box appears.



6. Confirm that the selections for the archive operation you want to save are correct.
7. Click Finish. The Configuration > Repository menu appears.

To view the saved archive operation, click Settings > Saved Operations. To work with saved operations, see “Using Task Manager (Saved Operations)” on page 153.