



# Juniper JunOS Devices

There are several different methods of extracting the configuration from from your Juniper JunOS device and this guide outlines two different methods.

## Using HTTP(S)

We would recommend using HTTPS rather than HTTP for transferring your devices configuration as the latter provides no encryption. The procedure for getting the configuration from the device using HTTP(S) is as follows:

1. Using your favorite web browser, connect to the HTTP(S) service provided by your Juniper JunOS device for remote management. You can do this by entering "https://" (recommended) or "http://" followed by your devices IP address.
2. Logon using your administration username and password.
3. Select the "Maintain" tab at the top of the view, and then select the "Config Management" tab on the right and then "History".
4. Click the "Download" button of the "Current" configuration in the number column to save the configuration to a local file.

The screenshot shows the Juniper Web Device Manager interface. The browser address bar shows '10.200.4.222/login'. The interface has tabs for Dashboard, Configure, Monitor, Maintain, and Troubleshoot. The 'Maintain' tab is active, and the 'Config Management' sub-tab is selected. The 'History' button is highlighted. Below the navigation, there is a 'Database Information' section stating 'No users are editing the configuration database.' and a 'Configuration History' section with a table of commit history.

	Number	Date/Time	User	Client	Comment	Log Message	Action
<input type="checkbox"/>	<a href="#">Current</a>	2012-05-23 10:39:47 UTC	root	cli			<a href="#">Download</a>
<input type="checkbox"/>	<a href="#">1</a>	2012-05-23 10:37:57 UTC	root	cli			<a href="#">Download</a> <a href="#">Rollback</a>
<input type="checkbox"/>	<a href="#">2</a>	2012-05-23 10:34:11 UTC	root	cli			<a href="#">Download</a> <a href="#">Rollback</a>
<input type="checkbox"/>	<a href="#">3</a>	2012-05-23 10:31:17 UTC	root	cli			<a href="#">Download</a> <a href="#">Rollback</a>
<input type="checkbox"/>	<a href="#">4</a>	2012-05-23 10:29:05 UTC	root	cli			<a href="#">Download</a> <a href="#">Rollback</a>

## Using SSH, Telnet Or The Console

For this procedure you will be using the Command Line Interface (CLI) of your Juniper JunOS device using an SSH client (such as OpenSSH or Putty), Telnet or through the console port. We would recommend using either SSH (for remote connections) or using a direct connection to the console port. Telnet provides no encryption of the communications and therefore your authentication credentials and configuration would be vulnerable if a malicious user were to monitor your connection.

1. Connect to the Juniper JunOS using your favorite SSH client, Telnet or a direct console connection.
2. Logon using your administration authentication credentials.
3. Enter the command

```
cli
```

to enter the device CLI

4. Execute the following CLI command and capture the output (possibly using the cut and paste facility):

```
show configuration
```

5. Save the captured output to a file and remove any visible page lines (i.e. --More--).

The terminal screenshot shows the following commands and output:

```

File Edit View Bookmarks Settings Help
root% cli
root> show configuration
## Last commit: 2012-05-23 10:39:47 UTC by root

```

```
version 10.0R3.10;
system {
  root-authentication {
    encrypted-password "$1$kLBo/iz0$YMNovhC2bEASFr1bHn2Y/"; ## SECRET-DATA
  }
  name-server {
    208.67.222.222;
    208.67.220.220;
  }
  services {
    ssh;
    telnet;
    web-management {
      http {
        interface [ vlan.0 ge-0/0/0.0 ];
      }
      https {
        system-generated-certificate;
        interface vlan.0;
      }
    }
    dhcp {
---(more)---
```

CTRL-A Z for help | 9600 8N1 | NOR | Minicom 2.6 | VT102 | Offline  
edwin : minicom

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- Go back to: [How To Get A Configuration From Your Device](#)