

# TECHNICAL NOTE

## SETTING UP A STRM UPDATE SERVER

OCTOBER 2009

If your deployment includes STRM Consoles that are unable to access the Internet or you want to manually manage updates to your system, you can set up a STRM update server to manage the update process.

To set up a STRM update server, you must:

- Step 1** Set up your Apache server. See [Setting Up the Apache Server](#).
- Step 2** Set up STRM to accept updates from your Apache server. See [Setting Up STRM](#).
- Step 3** Add new updates to the system, as necessary. See [Adding New Updates](#).



**Note:** *This Technical Note applies to systems running the latest STRM 2008.3 patch and above.*

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### Setting Up the Apache Server



To set up the Apache server:

**Note:** *You can also use your STRM Console as the Apache server. However, if you want to use your Console as an Apache server, use a port other than 443, which is the port that the STRM software uses. For more information on configuring the port, see [Setting Up STRM](#).*

- Step 1** On the Apache server, create an update directory named `autoupdates/`.



**Note:** *By default, the update directory is located in the web root directory of the Apache server. You can place the directory in another location if you configure STRM accordingly. For more information, see [Setting Up STRM](#).*

- Step 2** Optional. Create an Apache user account and password to be used by the update process.
- Step 3** Download the update file from the Juniper Customer Support web site.  
`http://www.juniper.net/support/`
- Step 4** Place the file on your Apache server in the `autoupdates` directory created in [Step 1](#).
- Step 5** Uncompress the autoupdate package.

```
tar zxf <updatepackage.tgz>
```

## Setting Up STRM

To set up STRM to accept updates:

- Step 1** Log in to STRM.
- Step 2** Click the **Admin** tab.  
The Admin interface appears.
- Step 3** In the navigation menu, click **System Configuration**.
- Step 4** Click the **Auto Update** icon.  
The Auto Update Configuration window appears.

- Step 5** To direct the update process to the Apache server, update the following parameters in the Server Configuration section:
  - **Webservice** - Specify the address or directory path of the Apache server you set up in [Setting Up the Apache Server](#).



**Note:** If the Apache server runs on non-standard ports, add `:<portnumber>` to the end of the address. For example, `http://www.juniper.net:8080`.

- **Directory** - Specify the directory location you created in [Setting Up the Apache Server](#).

- Proxy Information - Optional. If proxy information is required to access the Apache server, enter the information:
  - **Proxy Server** - Specify the URL for the proxy server.
  - **Proxy Port** - Specify the port for the proxy server.
  - **Proxy Username** - Specify the necessary username for the proxy server. A username is only required if you are using an authenticated proxy.
  - **Proxy Password** - Specify the necessary password for the proxy server. A password is only required if you are using an authenticated proxy.

**Step 6** Select the **Deploy changes** check box.

**Step 7** Click **Save**.

**Step 8** Log in to STRM as root.

**Step 9** Specify the user name and password for the Apache server:

```
/opt/qradar/bin/UpdateConfs.pl -change_username <username>
```

```
/opt/qradar/bin/UpdateConfs.pl -change_password <password>
```

The username and password must match those created in [Setting Up the Apache Server](#).

**Step 10** To test your update server, enter the following command:

```
lynx https://<your update server>/<directory path to updates>/manifest_list
```

You must enter your username and password created in [Setting Up the Apache Server](#) to access this information. Once entered, the list of updates appear. If not, contact Customer Support.

## Adding New Updates

To add new updates to the server:

**Step 1** Download the update file from the Juniper Customer Support web site.

```
http://www.juniper.net/support/
```

**Step 2** Place the file on your local update server.

**Step 3** Within the directory noted in [Setting Up the Apache Server](#), uncompress the autoupdate package.

```
tar xzf <updatepackage.tgz>
```

**Step 4** Log in to STRM as root.

**Step 5** Test your update server, enter the following command:

```
lynx https://<your update server>/<directory path to updates>/manifest_list
```

You must enter your username and password created in [Setting Up the Apache Server](#) to access this information. Once entered, the list of updates appear. If not, contact Customer Support.

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