

IBM Security QRadar  
Version 7.1.0 (MR1)

*Setting Up an Autoupdate Server for  
QRadar Technical Note*

**IBM**

**Note:** Before using this information and the product that it supports, read the information in [Notices and Trademarks](#) on [page 7](#).

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# 1

## SETTING UP A QRADAR UPDATE SERVER

If your deployment includes a QRadar Console that is unable to access the Internet or you want to manually manage updates to your system, you can set up a QRadar SIEM update server to manage the update process.

QRadar uses system configuration files to provide useful characterizations of network data flows. Updates to the system configuration files, available on the website (<https://qmmunity.q1labs.com/>), include minor updates (such as Online Help or script updates), major updates (such as JAR file updates), or Device Service Module (DSM) updates. Updates also include threat, vulnerability, and geographic information from various security-related websites. The QRadar Console must be connected to the Internet to receive automatic updates.

The autoupdate package includes all files necessary to manually set up an update server in addition to the necessary system configuration files for each update. After the initial setup, you only need to download and uncompress the most current autoupdate package to manually update your configuration. To receive notification of new updates, access Qmmunity and subscribe to the following page: **Software > Autoupdates**.

This technical note provides information on manually setting up your QRadar update server. Unless otherwise noted, all references to QRadar refer to QRadar, IBM Security QRadar Log Manager, and IBM Security QRadar Network Anomaly Detection. References to flows do not apply to QRadar Log Manager

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### Configuring your update server

You can either configure an Apache server or your QRadar Console as your update server.

#### Procedure to configure the Apache Server

**Step 1** Access your Apache server.

**Step 2** Create an update directory named `autoupdates/`.

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 QRadar accordingly. For more information, see the *Administration Guide*.

**Step 3** Optional. Create an Apache user account and password to be used by the update process.

**Step 4** Download the autoupdate package from the Qmmunity website.

- a Go the Qmmunity website  
`https://qmmunity.q1labs.com/`
- b Select **Software > Autoupdates**.
- c Double-click the latest autoupdate package matching your QRadar version.
- d Save the file on your Apache server in the autoupdates directory created in **Step 2**.

**Step 5** On the Apache server, type the following command to uncompress the autoupdate package.

```
tar -zxf updatepackage-[timestamp].tgz
```

**Step 6** Configure QRadar to accept updates:

- a Click the **Admin** tab.
  - b On the navigation menu, click **System Configuration**.
  - c Click **Auto Update**.
  - d To direct the update process to the Apache server, configure the following parameters in the **Server Configuration** panel:
    - **Webserver** - Type the address or directory path of the Apache server.
- Note:** If the Apache server runs on non-standard ports, add `:<portnumber>` to the end of the address. For example, `https://qmmunity.q1labs.com/:8080`.
- **Directory** - Type the directory location you created in **Step 2**.
  - **Proxy Information** - Optional. If proxy information is required to access the Apache server, configure the following parameters:
    - **Proxy Server** - Type the URL for the proxy server.
    - **Proxy Port** - Type the port for the proxy server.
    - **Proxy Username** - Type the necessary username for the proxy server. A username is only required if you are using an authenticated proxy.
    - **Proxy Password** - Type the necessary password for the proxy server. A password is only required if you are using an authenticated proxy.
  - e Select the **Deploy changes** check box.
  - f Click **Save**.
  - g Using SSH, Log in to QRadar as the root user.

```
Username: root
```

```
Password: <admin password>
```

- h To configure the username and password for the Apache server, type the following commands:

```
/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 [Step 3](#).

- i To test your update server, type the following command:

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

- j Type the username and password created in [Step 3](#).

### What to do next

If the list of updates is not displayed, contact Customer Support.

### Procedure to configure your QRadar Console as the Update Server

- Step 1** Log in to QRadar as the root user.

Username: `root`

Password: `<admin password>`

- Step 2** Type the following command to create the autoupdate directory:

```
mkdir /opt/qradar/www/autoupdates/
```

- Step 3** Download the autoupdate package from the Qmmunity website.

- a Go the Qmmunity website

<https://qmmunity.qllabs.com/>

- b Select **Software > Autoupdates**.

- c Double-click the latest autoupdate file matching your QRadar version.

- d Save the file on your QRadar Console in the autoupdates directory created in [Step 2](#).

- Step 4** On your QRadar Console, type the following command to uncompress the autoupdate package.

```
tar -zxvf updatepackage-[timestamp].tgz
```

- Step 5** Configure QRadar to accept updates:

- a Log in to the QRadar user interface.

- b Click the **Admin** tab.

- c On the navigation menu, click **System Configuration**.

- d Click the **Auto Update** icon.

- e In the Server Configuration pane, type `https://localhost/` in the **Webserver** field.

- f If the **Send feedback** option in the Update Settings pane is enabled, clear the check box to disable it.

- Step 6** Click **Save and Update Now**.

---

**Adding new updates**

After you have configured your update server and set up QRadar to receive updates from the update server, adding new updates only requires you to download updates from the Qmmunity website to your update server.

**Procedure to add new updates to the server:**

- Step 7** Download the update file from the Qmmunity website.
- a Go the Qmmunity website  
`https://qmmunity.q11abs.com/`
  - b Select **Software > Autoupdates**.
  - c Double-click the latest autoupdate package matching your QRadar version.
  - d Save the file on your local update server in the directory you created when setting up your update server.
- Step 8** Access your update server.
- Step 9** Type the following command to uncompress the autoupdate package.
- ```
tar zxf <updatepackage.tgz>
```
- Step 10** Log in to QRadar as root.
- Step 11** Test your update server, type the following command:
- ```
lynx https://<your update server>/<directory path to updates>/manifest_list
```
- Step 12** Type the username and password of your update server.

**What to do next**

If the list of updates is not displayed, contact Customer Support.



# A

## NOTICES AND TRADEMARKS

What's in this appendix:

- [Notices](#)
- [Trademarks](#)

This section describes some important notices, trademarks, and compliance information.

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