



Installation Guide for Linux

About the Metasploit Installer

The standard Metasploit installer uses a graphical interface to guide you through the installation process, which takes you through a series of prompts to identify the location where you want to install Metasploit and the ports that you want Metasploit to use. When installation begins, the installer installs the dependencies and services that are necessary to run Metasploit.

Before You Begin

Task	Description
Download the Installer	Visit http://www.metasploit.com/download/ to download the Linux 64-bit or 32-bit installer.
Disable Your Antivirus Software	Antivirus software detects Metasploit as malicious and may cause problems with the installation and runtime of Metasploit. Before you install Metasploit, disable any antivirus software that your system uses.
Disable Any Firewalls	Local firewalls, such as Iptables, interfere with the operation of exploits and payloads. Please disable any local firewalls before you install or run Metasploit.
Install the Xvfb Package	<p>The Xvfb package that is required to generate a preview of a web page in the social engineering report is not bundled with the Metasploit installer. You will need to install Xvfb separately from Metasploit.</p> <p>To install the Xvfb package on Ubuntu, open a terminal and run <code>\$ sudo apt-get install xvfb</code>.</p> <p>To install the Xvfb package on CentOS, open a terminal and run <code>\$ sudo yum install xorg-x11-server-Xvfb</code>.</p>

System Requirements

- 2 GHz+ processor
- 2 GB RAM
- 500MB+ available disk space
- 10/100 Mbps NIC

Browser Requirements

- Mozilla Firefox 4.0+
- Microsoft Internet Explorer 9+
- Google Chrome 10+

Supported Operating Systems

- Windows XP, 2003, Vista, 2008 Server, and Windows 7
- Red Hat Enterprise Linux 5.x, 6.x - x86 and x86_64
- Ubuntu Linux 8.04, 10.04, 12.04 - x86 and x86_64

Installing Metasploit

1. Open a terminal.
2. Download the installer and save it to a location on your system, such as the Desktop or your home folder. To do this, choose one of the options below:

For 64-bit systems:

```
wget http://downloads.metasploit.com/data/releases/metasploit-latest-linux-x64-installer.run
```

For 32-bit systems:

```
wget http://downloads.metasploit.com/data/releases/metasploit-latest-linux-x32-installer.run
```

3. Change the mode of the installer to be executable. To do this, choose one of the options below:

For 64-bit systems:

```
chmod +x metasploit-latest-linux-x64-installer.run
```

For 32-bit systems:

```
chmod +x metasploit-latest-linux-x32-installer.run
```

4. Run the installer. To do this, choose one of the options below:

For 64-bit systems:

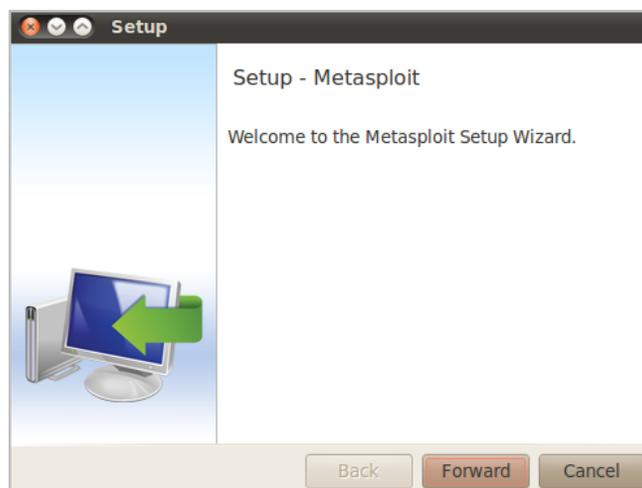
```
sudo metasploit-latest-linux-x64-installer.run
```

For 32-bit systems:

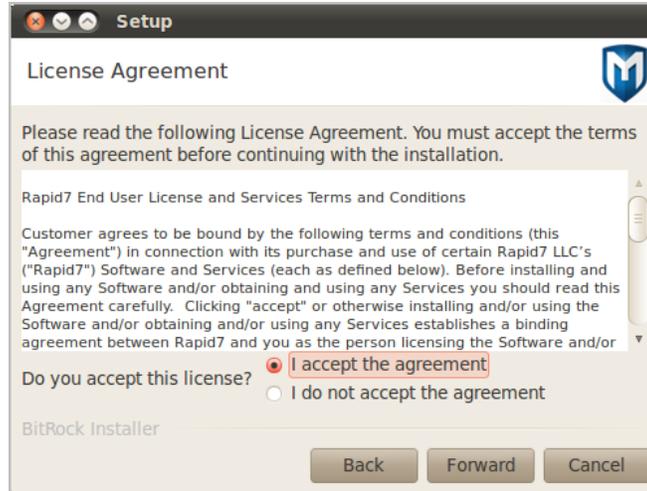
```
sudo metasploit-latest-linux-x32-installer.run
```

Note: If a password prompt appears, enter your sudo password to continue.

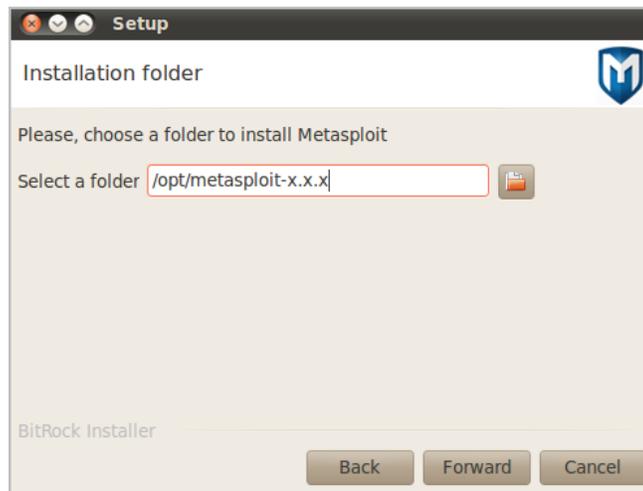
5. When the setup window appears, click **Forward** to start the installation process.



- Accept the license agreement and click **Forward**.



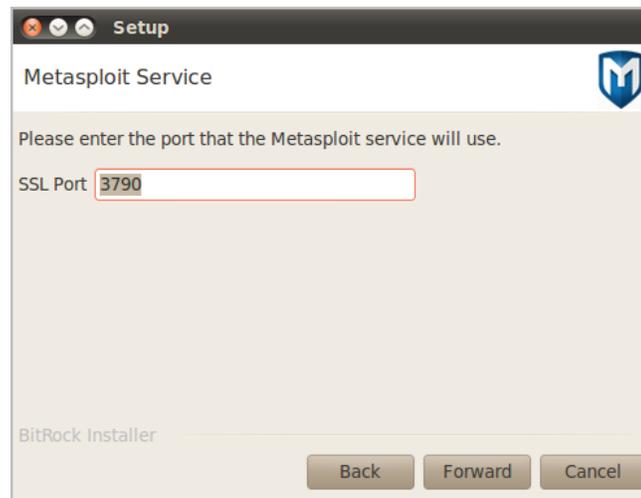
- Choose an installation folder and click **Forward**.



- Select **Yes** to register Metasploit as a service (recommended). Click **Forward** to continue.



9. Enter the port number that you want the Metasploit service to use. The default port is 3790. Click **Forward** to continue.



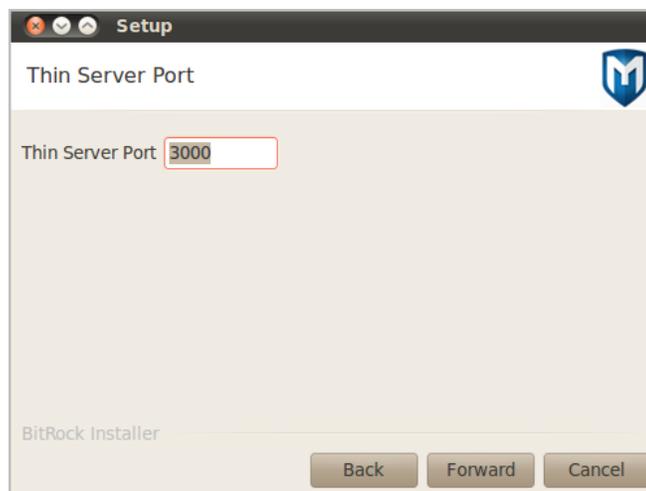
The image shows a 'Setup' dialog box titled 'Metasploit Service'. It contains the text 'Please enter the port that the Metasploit service will use.' and a text input field labeled 'SSL Port' with the value '3790'. At the bottom, there are three buttons: 'Back', 'Forward', and 'Cancel'. The BitRock Installer logo is visible in the bottom left corner.

10. Enter the server name that will be used to generate the SSL certificate and the the number of days that you want the SSL certificate to remain valid. Click **Forward** to continue.



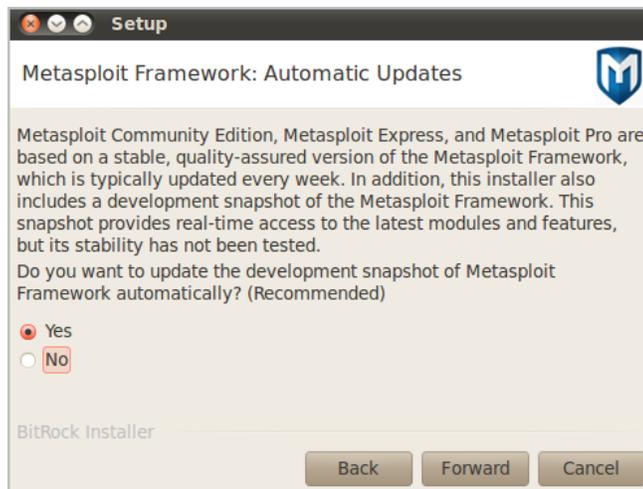
The image shows a 'Setup' dialog box titled 'Generate an SSL Certificate'. It contains the text 'Please provide the fully qualified domain name of this system below (e.g. metasploit.example.com). A certificate is generated for a specific server name and web browsers will alert users if the name does not match.' There are two text input fields: 'Server Name' with the value 'joe@laptop' and 'Days of validity' with the value '3650'. At the bottom, there are three buttons: 'Back', 'Forward', and 'Cancel'. The BitRock Installer logo is visible in the bottom left corner.

11. Enter the port for the thin server. By default, this port is 3000. Click **Forward** to continue.



The image shows a 'Setup' dialog box titled 'Thin Server Port'. It contains the text 'Thin Server Port' and a text input field with the value '3000'. At the bottom, there are three buttons: 'Back', 'Forward', and 'Cancel'. The BitRock Installer logo is visible in the bottom left corner.

12. Select Yes if you want the development snapshot automatically updated. Click **Forward** to continue.



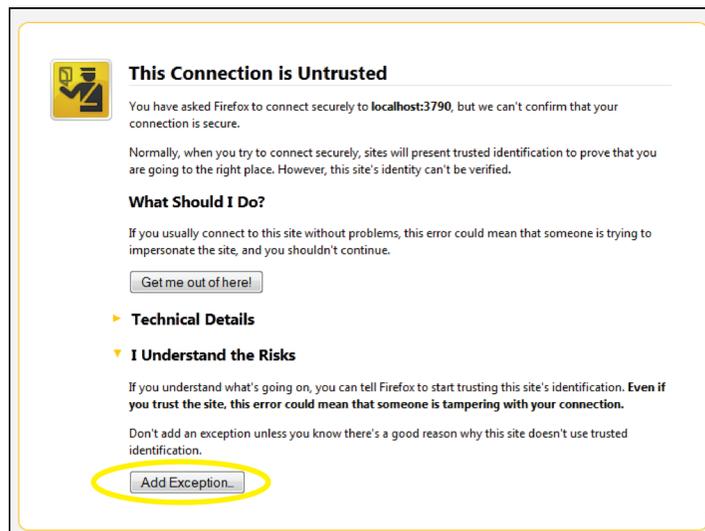
13. The **Ready to Install** window appears. Click **Forward** to start the installation process.

14. Click **Forward** to continue.

After the installation completes, a window appears and prompts you to launch the Metasploit Web UI. At this point, you should launch the Metasploit Web UI to create a user account and to activate your license key. You do not need to restart your system to launch Metasploit for the first time.

Activating a License Key

1. Open a browser and go to <http://localhost:3790>.
2. If you receive a warning about the trustworthiness of the security certificate, select that you understand the risks and want to continue to the website. The wording that the warning displays depends on the browser that you use.



3. When the web interface for Metasploit Pro appears, the **New User Setup** page displays. Follow the onscreen instructions to create a user account for Metasploit Pro. Save the user account information so that you can use it later to log in to Metasploit Pro.

metasploit®

Community Help

Home > New User Setup

* denotes required field

Login Info

Username*

Password*

Password confirmation*

Optional Info & Settings

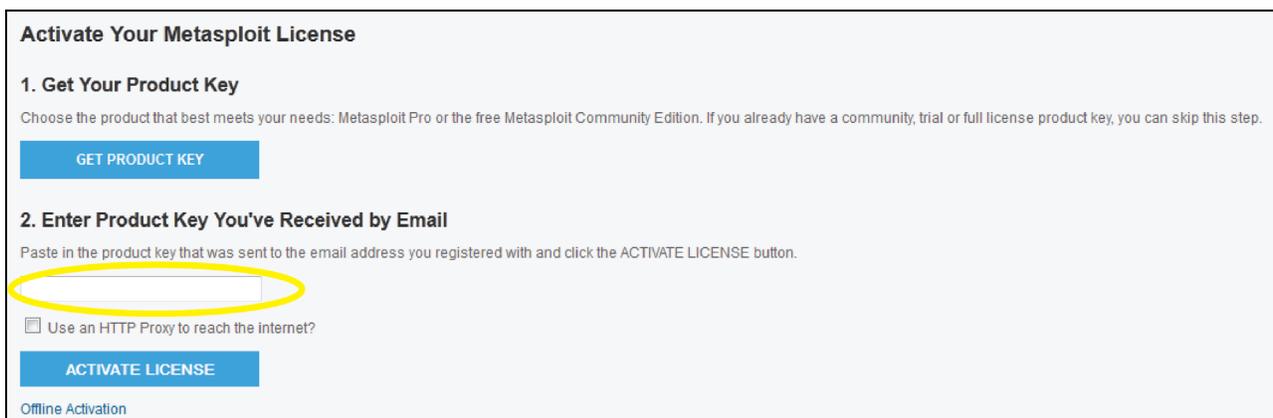
Full name

Email address

Organization

Time zone (GMT-06:00) Central Time (US & Canada) ▼

4. After you create a user account, the **Activate Metasploit** page appears. Enter the license key that you received from Rapid7 in the **Product Key** field.



Activate Your Metasploit License

1. Get Your Product Key

Choose the product that best meets your needs: Metasploit Pro or the free Metasploit Community Edition. If you already have a community, trial or full license product key, you can skip this step.

GET PRODUCT KEY

2. Enter Product Key You've Received by Email

Paste in the product key that was sent to the email address you registered with and click the ACTIVATE LICENSE button.

Use an HTTP Proxy to reach the internet?

ACTIVATE LICENSE

Offline Activation

5. If you need to use an HTTP proxy to reach the internet, you can select the HTTP proxy option and provide the information for the HTTP proxy server that you want to use.

6. Activate the license key.

After you activate the license key, the Projects page appears. If you need help getting started, read the [Metasploit Pro Getting Started Guide](#).

FAQs

How do I get a license key?

Please contact our [support team](#) to get a license key.

How can I resolve the “Metasploit is initializing error”?

After you install Metasploit, you may need to wait at least five minutes for the service to restart. If the service does not restart, you need to manually restart the Metasploit service. Open a command line terminal and run the following command: `$ sudo bash /opt/metasploit-<version>/ctlscript.sh restart.`