

How to install OpenLiteSpeed Web Server on Rocky Linux 8

OpenLiteSpeed is a fast open source web server application that comes with a fast PHP module built in.

This tutorial will show you how to install and configure OpenLiteSpeed on Rocky Linux 8 and CentOS 8.

To install OpenLiteSpeed, you will need the following:

1. Non-root users have sudo privileges.
2. Rocky Linux 8 or CentOS 8 server with at least 6GB disk space when installed (8GB recommended).
3. Recent versions of the wget and curl command line tools are also required.

System update

OpenLiteSpeed is compatible with the Linux Rocky Linux 8, Alma Linux 8 and CentOS 8 operating systems. The first thing to do is update the system and make sure OpenLiteSpeed can be installed. Use the following commands to update your system.

```
sudo dnf clean all sudo dnf -y update sudo dnf install -y epel-release
```

Add OpenLiteSpeed RPM Package

It's time to add RPM to your system. The process is very simple and can be done with one command. The OpenLiteSpeed RPM package is a software package that includes OpenLiteSpeed and all its dependencies. It also handles switching to the OpenLiteSpeed daemon if you have any other web servers running on the server.

Run the command below to add the OpenLiteSpeed RPM package. The rpm -Uvh part of the OpenLiteSpeed RPM install command from the link provided by Litespeedtech This command also upgrades any existing packages currently installed on the system.

```
sudo rpm -Uvh http://rpms.litespeedtech.com/centos/litespeed-repo-1.1-1.el8.noarch.rpm
```

Install OpenLiteSpeed Web Server

Now that you have the RPM package installed and the OpenLiteSpeed repository activated, the next step is to install OpenLiteSpeed.

Run the command below to install OpenLiteSpeed Web Server on CentOS 8 system.

```
sudo dnf install openlitespeed -y
```

Configure OpenLiteSpeed Web Server

OpenLiteSpeed is installed now. You need to run some commands to continue the configuration process. You should not make any changes to your site until the configuration of OpenLiteSpeed has been successfully completed. This will ensure that the back-end and front-end of the website remain in sync as changes are made to the code and files in the process.

The default password for OpenLiteSpeed is: 123456. You should at least change it to something more secure before completing the installation.

You can change the default password by running the `admpass.sh` command below. `admpass.sh` is designed to generate the admin password string. It uses the language of a file named `addpass.php` provided with the OpenLiteSpeed distribution and then applies that language to the local LSWs installation by hardcoding it in an automatically generated script.

```
/usr/local/lsws/admin/misc/admpass.sh
```

Provide a username which is the username you want to use for your LSWs admin account. Provide a password containing at least 6 random syllables of your choice.

Run the commands below to start and check the status of the lsws service.

```
sudo systemctl start lsws sudo systemctl status lsws
```

You will get the following results.



```
root@centos ~]# sudo systemctl start lsws
[root@centos ~]# sudo systemctl status lsws
● lshttpd.service - OpenLiteSpeed HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/lshttpd.service; enabled; vendor preset: disabled)
   Active: active (running) since Sat 2022-01-08 04:50:10 EST; 1h 25min ago
     Process: 81727 ExecStart=/usr/local/lsws/bin/lswctrl status --mode=started, status=0/SUCCESS
    Main PID: 81756 (litespeed)
   OGroup: /system.slice/lshttpd.service
           └─ 81750 openlitespeed (lshttpd - main)
             └─ 81752 openlitespeed (lscgid)
               └─ 81766 openlitespeed (lshttpd - #01)

Jan 08 04:50:06 centos systemd[1]: Starting OpenLiteSpeed HTTP Server...
Jan 08 04:50:08 centos lswctrl[81727]: OK! litespeed: pid=81750.
Jan 08 04:50:10 centos systemd[1]: Started OpenLiteSpeed HTTP Server.
root@centos ~]#
```

Firewall configuration

Now that you have successfully installed OpenLiteSpeed, it's time to open some ports for OpenLiteSpeed on the firewall. This is where OpenLiteSpeed communicates with clients.

OpenLiteSpeed uses ports 7080 and 8080 by default. You need to open these ports on your firewall so that clients can access OpenLiteSpeed and publish webpages

1. Port 7080 is the default listening port for OpenLiteSpeed Web Server. This is the port that the server will use to listen to requests coming from clients.
2. Port 8088 is the default port for HTTP. This is the port that any web browser will use to connect to your OpenLiteSpeed server. To open these ports, you will use the iptables commands.

Run the command below to open port 8088 and tcp on your firewall.

```
sudo firewall-cmd --zone=public --permanent --add-port=8088/tcp
```

Run below command to open port 7080 and tcp port on your firewall.

```
sudo firewall-cmd --zone=public --permanent --add-port=7080/tcp
```

Run the command `sudo firewall-cmd --reload` to apply the new firewall rules.

```
sudo firewall-cmd --reload
```

Through this tutorial, you learned how to install and configure OpenLiteSpeed Web Server on Rocky Linux and CentOS. If you want to learn more about setting up and working with OpenLiteSpeed Web Server, please visit its official documentation page for more information [here](#).

You finished reading the article "**How to install OpenLiteSpeed Web Server on Rocky Linux 8**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.