

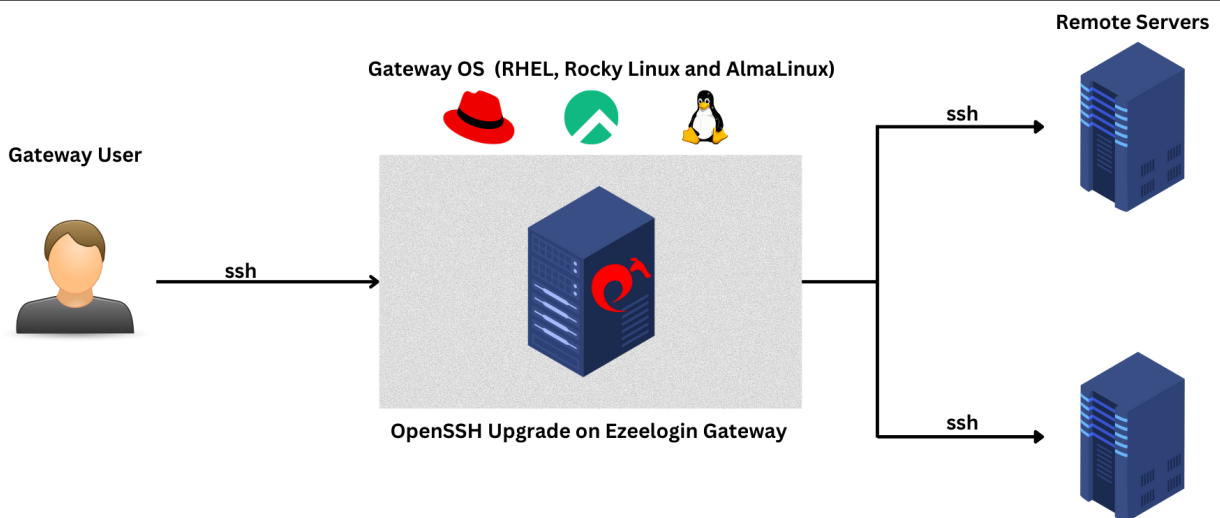
# Upgrade OpenSSH

760 Nesvin KN January 21, 2025 [General](#), [Technical](#) 339

## How to upgrade OpenSSH version in RHEL, Rocky Linux and AlmaLinux?

The banner features the Ezeelogin logo in the top left. The main text reads "Setup your SSH jump server in 30 minutes" in a large, bold, white font. Below this text is a white button with the text "30 Days Free Trial". On the right side, there is an illustration of a server rack with a yellow alarm clock on top, symbolizing speed and reliability.

**Overview:** This article will help Linux user to upgrade the OpenSSH version on RHEL-based operating systems.



**Step 1:** Install development tools and dependencies.

```
root@localhost:~ yum groupinstall "Development Tools" -y
root@localhost:~ yum install gcc -y
```

**Step 2:** Make sure to backup SSH configurations before upgrading.

```
root@localhost:~ cp /etc/ssh/sshd_config /etc/ssh/sshd_config.backup
```

**Step 3:** Check the currently supported key types and algorithms before upgrading.

```
root@localhost:~ sshd -T | grep -i 'key|algorithms'  
root@localhost:~ sshd -T | grep -i 'key|algorithms' > ./sshd.backup
```

**Step 4:** Download the latest OpenSSH version tar.gz file.

```
root@localhost:~ wget  
https://cdn.openbsd.org/pub/OpenBSD/OpenSSH/portable/openssh-9.8p1.ta  
r.gz
```

**Step 5:** Follow the steps below to extract and install the latest OpenSSH.

```
root@localhost:~ tar -xvf openssh-9.8p1.tar.gz  
root@localhost:~ cd openssh-9.8p1  
root@localhost:~ ./configure  
root@localhost:~ make  
root@localhost:~ make install
```

**Step 6:** Check the version after completing the above steps.

```
root@localhost:~ ssh -V  
  
OpenSSH_9.8p1, OpenSSL 3.2.2 4 Jun 2024
```

**Step 7:** Check the supported key types and algorithms after upgrading.

```
root@localhost:~ sshd -T | grep -i 'key|algorithms'
```

**Related Articles:**

[How to upgrade OpenSSH in Centos ?](#)

[signature algorithm ssh-rsa not in PubkeyAcceptedAlgorithms](#)

[signature algorithm ssh-dss not in PubkeyAcceptedAlgorithms](#)

[DSA key based authentication is not working](#)

Online URL: <https://www.ezeelogin.com/kb/article/upgrade-openssh-760.html>