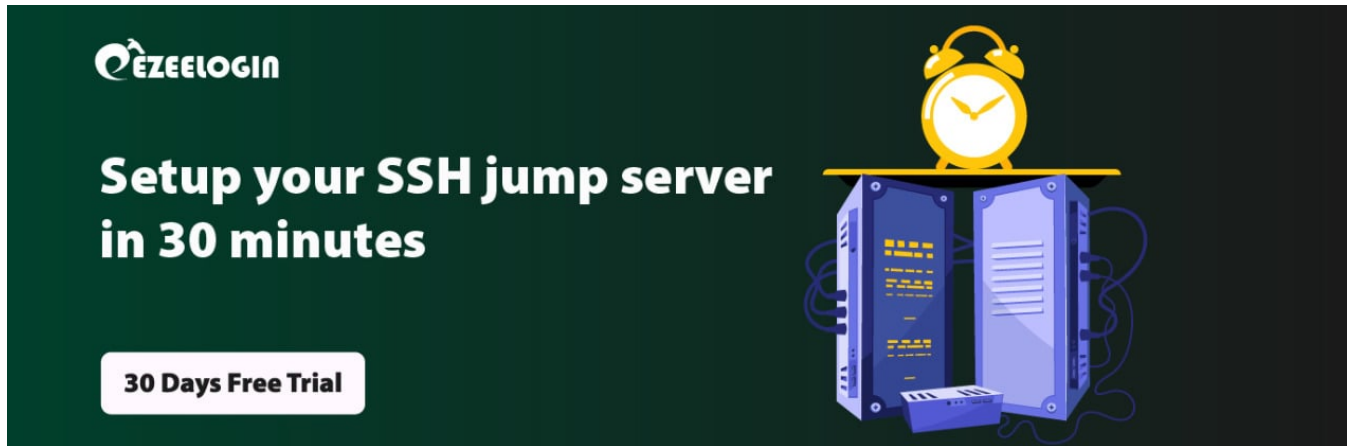


# Upgrade OpenSSH

760 Nesvin KN December 19, 2024 [General](#), [Technical](#) 50

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



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**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 ?](#)

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

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