Upgrade OpenSSH

How to upgrade OpenSSH version in RHEL, Rocky Linux and AlmaLinux?
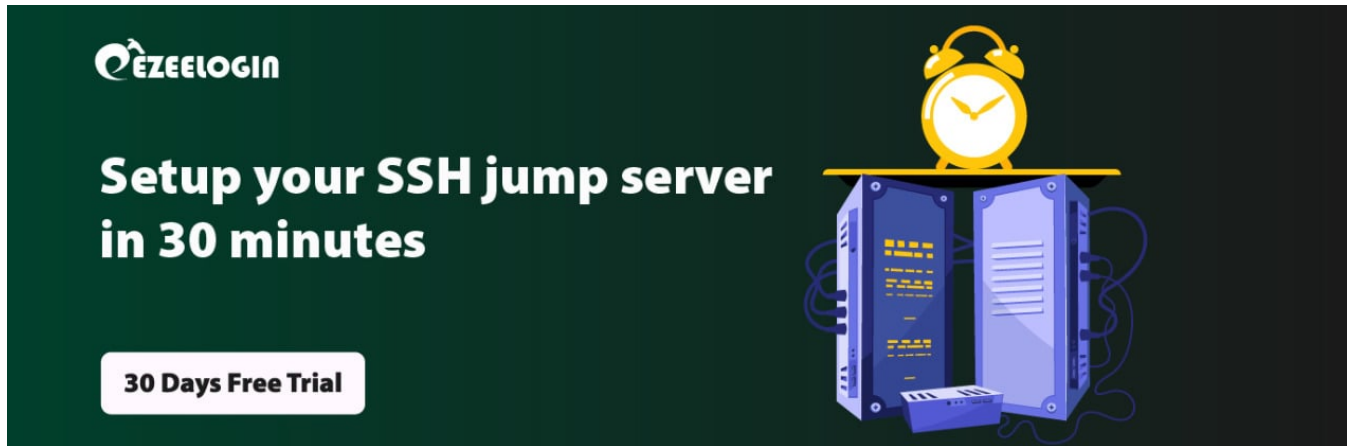
Overview: This article will help Linux user to upgrade the OpenSSH version on RHEL-based operating systems.
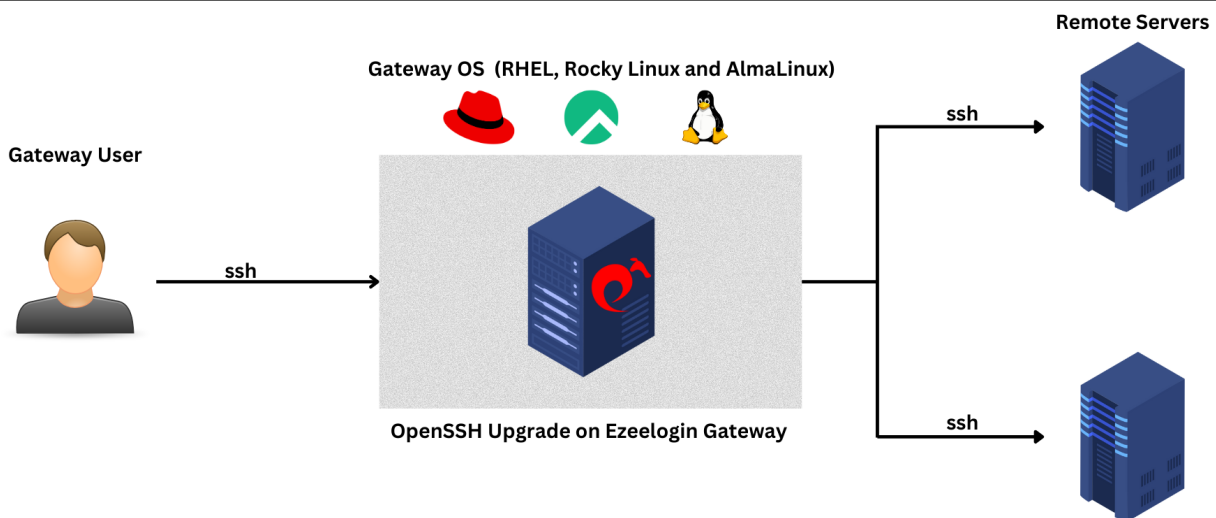
Step 1: Install development tools and dependencies.

```
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-9.9p2.tar.gz
```

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

```
root@localhost:~ tar -xvf openssh-9.9p2.tar.gz

root@localhost:~ cd openssh-9.9p2

root@localhost:~ ./configure

root@localhost:~ make

root@localhost:~ make install
```

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

```
root@localhost:~ ssh -V
```

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](#)