

OpenSSH

- [Ubuntu 20.04 LTS OpenSSH 8.2p1-9.6.1](#)
- [OpenSSH 9.6.1-9.7.1 \(Ubuntu 20.04\)](#)

Ubuntu 20.04 OpenSSH 8.2p1 to 9.6p1

??

Ubuntu 20.04 OpenSSL 1.1.1f 3.1.1

???

```
ssh -V
```

????

```
OpenSSH_8.2p1 Ubuntu-4ubuntu0.9, OpenSSL 1.1.1f 31 Mar 2020
```

OpenSSH SSL OpenSSH

???

- OpenSSH
- OpenSSL

??????

????URL?

- <https://askubuntu.com/questions/1189747/is-possible-to-upgrade-openssh-server-openssh-7-6p1-to-openssh-8-0p1>
- <https://qiita.com/zzz0mbie/questions/37262d1f3285500b3f45>

??

- Ubuntu 20.04
- OpenSSL 3.1.1

??????

- 1.
- 2.
- 3.
- 4.
5. OpenSSH
- 6.

???

???SSH??

- ?????????

```
ssh -V
```

```
OpenSSH_8.2p1 Ubuntu-4ubuntu0.9, OpenSSL 1.1.1f 31 Mar 2020
```

????????????????

```
sudo aptitude install build-essential zlib1g-dev libssl-dev libpam0g-dev libselinux1-dev libkrb5-dev
```

????????????

```
sudo mkdir /var/lib/sshhd && sudo chmod -R 700 /var/lib/sshhd/ && sudo chown -R root:sys /var/lib/sshhd/
```

????????????

```
cd /hoge && pwd
```

????????????????

????????????????

- ????

```
wget -c http://mirror.exonetric.net/pub/OpenBSD/OpenSSH/portable/openssh-9.6p1.tar.gz
```

2023/12/20????????????

- ????

```
tar -xzf openssh-9.6p1.tar.gz
```

- ???????

```
cd openssh-9.6p1
```

?????

- OpenSSL?????

which openssl

- ????

/usr/local/ssl/bin/openssl

????????

- ?????

./configure --with-kerberos5 --with-md5-passwords --with-pam --with-selinux --with-privsep-path=/var/lib/ssh/ --sysconfdir=/etc/ssh --with-ssl-dir=/usr/local/ssl

--with-ssl-dir=/usr/local/ssl] ??openssl????????????????

- make

make

- ??????

sudo make install

????????????

- ???????

ssh -V

OpenSSH_9.6p1, OpenSSL 3.1.1

????????????????????

- SSH??????

sudo systemctl restart ssh.service

- ?????????

sudo systemctl status ssh.service

active(running)?????

????????????????????SSH????????????????

??????????????

192.168.1.100.xxxxxxxxxxxxxxxxxx

- apt-get

```
sudo apt-mark hold openssh-server
```

- aptitude

```
sudo aptitude hold openssh-server
```

????????????????OpenSSH9.6.1p? 9.7.1????????(Ubuntu 20.04)

??

????????????????OpenSSH9.6p1????OpenSSH9.7p1????????????

??

Ubuntu 20.04????????

????????????????OpenSSH????????????

??????????

1. ?????????????
2. ?????????????
3. OpenSSH????????????
4. ?????????????

????????????

```
ssh -V
```

```
OpenSSH_9.6p1, OpenSSL 3.2.1 30 Jan 2024
```

????????????

```
cd /hoge && pwd
```

????????????

????????????

- ????

```
wget -c http://mirror.exonetric.net/pub/OpenBSD/OpenSSH/portable/openssh-9.7p1.tar.gz
```

2024/04/04????????

- ????

```
tar -xzf openssh-9.7p1.tar.gz
```

- ???????

```
cd openssh-9.7p1
```

?????

- OpenSSL?????

```
which openssl
```

- ????

```
/usr/local/ssl/bin/openssl
```

????????

- ?????

```
./configure --with-kerberos5 --with-md5-passwords --with-pam --with-selinux --with-privsep-path=/var/lib/ssh --  
sysconfdir=/etc/ssh --with-ssl-dir=/usr/local/ssl
```

```
--with-ssl-dir=/usr/local/ssl
```

`??openssl????????????????`

- make

```
make
```

- ??????

```
sudo make install
```

???????????

????????????????

- ??????

```
ssh -V
```

```
OpenSSH_9.7p1, OpenSSL 3.2.1 30 Jan 2024
```

????????????????

- SSH?????

```
sudo systemctl restart ssh.service
```

- ???????

```
sudo systemctl status ssh.service
```

active(running)????

????????????????