

# openssh

openssh ssh

## openssh

openssh <https://cdn.openbsd.org/pub/OpenBSD/OpenSSH/portable/>

```
# sshd
ssh -V
sshd -V

# ssh
# https://cdn.openbsd.org/pub/OpenBSD/OpenSSH/portable/
wget https://cdn.openbsd.org/pub/OpenBSD/OpenSSH/portable/openssh-9.7p1.tar.gz

# 
tar -xvzf openssh-9.7p1.tar.gz

# GCC
yum install gcc

# zlib
yum install zlib-devel

# pam
yum install pam-devel

# 
cp -a /etc/ssh/ /etc/ssh_bak/

# 
./configure --prefix=/usr --sysconfdir=/etc/ssh --with-md5-passwords --with-pam --with-zlib
```

openssl openssl openssl

```

# openssl
openssl version

# openssl
which openssl

openssl
ldd /usr/bin/openssl

# openssh openssl
./configure --prefix=/usr --sysconfdir=/etc/ssh --with-md5-passwords --with-pam --with-zlib --
with-ssl-dir=/usr/local/openssl/

# 
make && make install

# ssh
ssh -V
sshd -V

# 
/usr/sbin/sshd -t -f /etc/ssh/sshd_config

# 
chmod 0600 /etc/ssh/ssh_host_rsa_key
chmod 0600 /etc/ssh/ssh_host_ecdsa_key
chmod 0600 /etc/ssh/ssh_host_ed25519_key

# 
vi /etc/ssh/sshd_config

# sshd_config
UsePAM yes
PermitRootLogin yes

# sshd_config
#GSSAPIAuthentication yes
#GSSAPICleanupCredentials no
#GSSAPIStrictAcceptorCheck yes
#GSSAPIKeyExchange no

```

```
#GSSAPIEnablek5users no

# systemctl restart sshd

# journalctl -xe libcrypto.so.3
#
ln -s /usr/local/openssl/lib64/libcrypto.so.3 /usr/lib64/libcrypto.so.3

# systemctl restart sshd
vi /usr/lib/systemd/system/ssh.service
# Type=simple

systemctl daemon-reload
# systemctl restart sshd

# systemctl restart sshd
vi /etc/ssh/ssh_config
```

ssh host key, xshell bug xshell

ssh/etc/ssh/ssh\_config line 59: Unsupported "gssapiauthentication"

```
# systemctl restart sshd
vi /etc/ssh/ssh_config

#
# GSSAPIAuthentication yes
```

## openssl

openssl <https://www.openssl.org/source/>

```
#
```

```
wget https://www.openssl.org/source/openssl-3.3.1.tar.gz
```

```
# []
```

```
tar -xvzf openssl-3.3.1.tar.gz
```

```
# []
```

```
yum install perl-IPC-Cmd
```

```
# []
```

```
./config --prefix=/usr/local/openssl --openssldir=/usr/local/openssl
```

```
# --prefix=/usr/local/openssl []
```

```
# --openssldir=/usr/local/openssl []
```

```
# []
```

```
make
```

```
# []
```

```
make test
```

```
# []openssl[] /usr/local/openssl
```

```
make install
```

```
# []
```

```
openssl version
```

```
openssl[usr/local/openssl [] libcrypto.so.3 []
```

```
# []
```

```
ln -s /usr/local/openssl/lib64/libcrypto.so.3 /usr/lib64/libcrypto.so.3
```

---

```
[] #15
```

```
[] 30 [] 2023 02:40:58
```

```
[] [] 20 [] 2025 04:13:10
```