

# openssh

ssh

## 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 -j$(nproc)  
  
#  
make test  
  
# /usr/local/openssl /usr/local/openssl  
make install  
  
#  
/usr/local/openssl/bin/openssl version
```

openssl **/usr/local/openssl** libcrypto.so.3



```
openssl openssl openssl
```

```
# openssl
openssl version

# openssl
which openssl

openssl
ldd /usr/bin/openssl

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

# 
make -j$(nproc)

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

# [ssh]
systemctl restart sshd

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

# [sshd[ ]simple
vi /usr/lib/systemd/system/sshd.service
# Type=simple

systemctl daemon-reload
# [sshd]
systemctl restart sshd

# [ssh]
vi /etc/ssh/ssh_config
```

[xshell][host key], [xshell]bug[xshell]

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

```
# [ssh][sshd]
vi /etc/ssh/ssh_config

# [
# GSSAPIAuthentication yes
```

[ #24

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