

????????????????OpenSSL 3.1.1?3.2.1????????(Ubuntu 20.04)

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????????????OpenSSL3.2.1??????????

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- Ubuntu 20.04
- [?????](#)????????????OpenSSL3.1.1??????????

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1. root??????
2. ???????????????????????
3. ???????????????????????
4. ???????????????

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```
openssl version -a
```

“ OpenSSL 3.1.1 30 May 2023 (Library: OpenSSL 3.1.1 30 May 2023)
built on: Thu Jun 22 05:19:59 2023 UTC
platform: linux-x86_64
options: bn(64,64)
compiler: gcc -fPIC -pthread -m64 -Wa,--noexecstack -Wall -O3 -DOPENSSL_USE_NODELETE -DL_ENDIAN -DOPENSSL_PIC -DOPENSSL_BUILDING_OPENSSL -DZLIB -DDEBUG
OPENSSLDIR: "/usr/local/ssl"
ENGINESDIR: "/usr/local/ssl/lib64/engines-3"
MODULESDIR: "/usr/local/ssl/lib64/openssl-modules"
Seeding source: os-specific
CPUINFO: OPENSSL_ia32cap=0xffffa3203578bffff:0x7a9

root???

???????root????????????????????????

```
sudo su -
```

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

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- git clone

```
git clone https://github.com/openssl/openssl -b openssl-3.2.1
```

2024/04/02????????

- ?????????

```
cd openssl
```

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- ?????

```
./config --prefix=/usr/local/ssl --openssldir=/usr/local/ssl shared zlib
```

- make

```
make
```

make????????

- ????

```
make test
```

???make test????

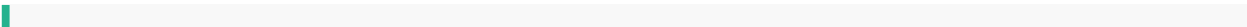
- ?????(????)

```
make install
```

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- SSL????

```
openssl version -a
```



OpenSSL 3.2.1 30 Jan 2024 (Library: OpenSSL 3.2.1 30 Jan 2024)
built on: Tue Apr 2 01:28:56 2024 UTC
platform: linux-x86_64
options: bn(64,64)
compiler: gcc -fPIC -pthread -m64 -Wa,--noexecstack -Wall -O3 -DOPENSSL_USE_NODELETE -
DL_ENDIAN -DOPENSSL_PIC -DOPENSSL_BUILDING_OPENSSL -DZLIB -DNDEBUG
OPENSSLDIR: "/usr/local/ssl"
ENGINESDIR: "/usr/local/ssl/lib64/engines-3"
MODULESDIR: "/usr/local/ssl/lib64/openssl-modules"
Seeding source: os-specific
CPUINFO: OpenSSL_ia32cap=0xfffa3203578bfff:0x7a9

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