



(ajay@kali)-[~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C]

\$ ifconfig

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255
    inet6 fe80::a00:27ff:fe06:20e7 prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:06:20:e7 txqueuelen 1000 (Ethernet)
    RX packets 952 bytes 544162 (531.4 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 893 bytes 140052 (136.7 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 64 bytes 9712 (9.4 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 64 bytes 9712 (9.4 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

(ajay@kali)-[~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C]

\$

```
File Actions Edit View Help
(ajay@kali)-[~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C]
└─$ ./ssl-server 443
This program must be run as root/sudo user!!

(ajay@kali)-[~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C]
└─$ sudo ./ssl-server 443
[sudo] password for ajay:
Connection: 127.0.0.1:50894
No certificates.
Connection: 127.0.0.1:50896
No certificates.
Connection: 127.0.0.1:50898
No certificates.
Connection: 127.0.0.1:50900
No certificates.
```

```
ajay@kali: ~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C
File Actions Edit View Help
(ajay@kali)-[~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C]
└─$ ./ssl-client 127.0.0.1 443
Connected with ECDHE-RSA-AES256-GCM-SHA384 encryption
Server certificates:
Subject: /C=AU/ST=some-state/L=city/O=company/OU=section/CN=name/emailAddress=email@address
Issuer: /C=AU/ST=some-state/L=city/O=company/OU=section/CN=name/emailAddress=email@address

Current time(acc. to the server) is : Sat Apr 23 23:13:20 2022

(ajay@kali)-[~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C]
└─$
```

```
ajay@kali: ~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C
File Actions Edit View Help
(ajay@kali)-[~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C]
└─$ ./ssl-client 127.0.0.1 443
Connected with ECDHE-RSA-AES256-GCM-SHA384 encryption
Server certificates:
Subject: /C=AU/ST=some-state/L=city/O=company/OU=section/CN=name/emailAddress=email@address
Issuer: /C=AU/ST=some-state/L=city/O=company/OU=section/CN=name/emailAddress=email@address

Current time(acc. to the server) is : Sat Apr 23 23:13:59 2022

(ajay@kali)-[~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C]
└─$
```



```
ajay@kali: ~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C
File Actions Edit View Help
(ajay@kali)-[~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C]
$ ./ssl-client 127.0.0.1 443
Connected with ECDHE-RSA-AES256-GCM-SHA384 encryption
Server certificates:
Subject: /C=AU/ST=some-state/L=city/O=company/OU=section/CN=name/emailAddress=email@address
Issuer: /C=AU/ST=some-state/L=city/O=company/OU=section/CN=name/emailAddress=email@address

Current time(acc. to the server) is : Sat Apr 23 23:14:12 2022

(ajay@kali)-[~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C]
$
```

```
ajay@kali: ~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C
File Actions Edit View Help
(ajay@kali)-[~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C]
$ ./ssl-client 127.0.0.1 443
Connected with ECDHE-RSA-AES256-GCM-SHA384 encryption
Server certificates:
Subject: /C=AU/ST=some-state/L=city/O=company/OU=section/CN=name/
emailAddress=email@address
Issuer: /C=AU/ST=some-state/L=city/O=company/OU=section/CN=name/e
mailAddress=email@address

Current time(acc. to the server) is : Sat Apr 23 23:13:36 2022

(ajay@kali)-[~/Desktop/CN_PROJECT/Encrypted-Chat-server-IN-C]
$
```