Secure Internet gateway

Download and Installation process of Secure Internet gateway.

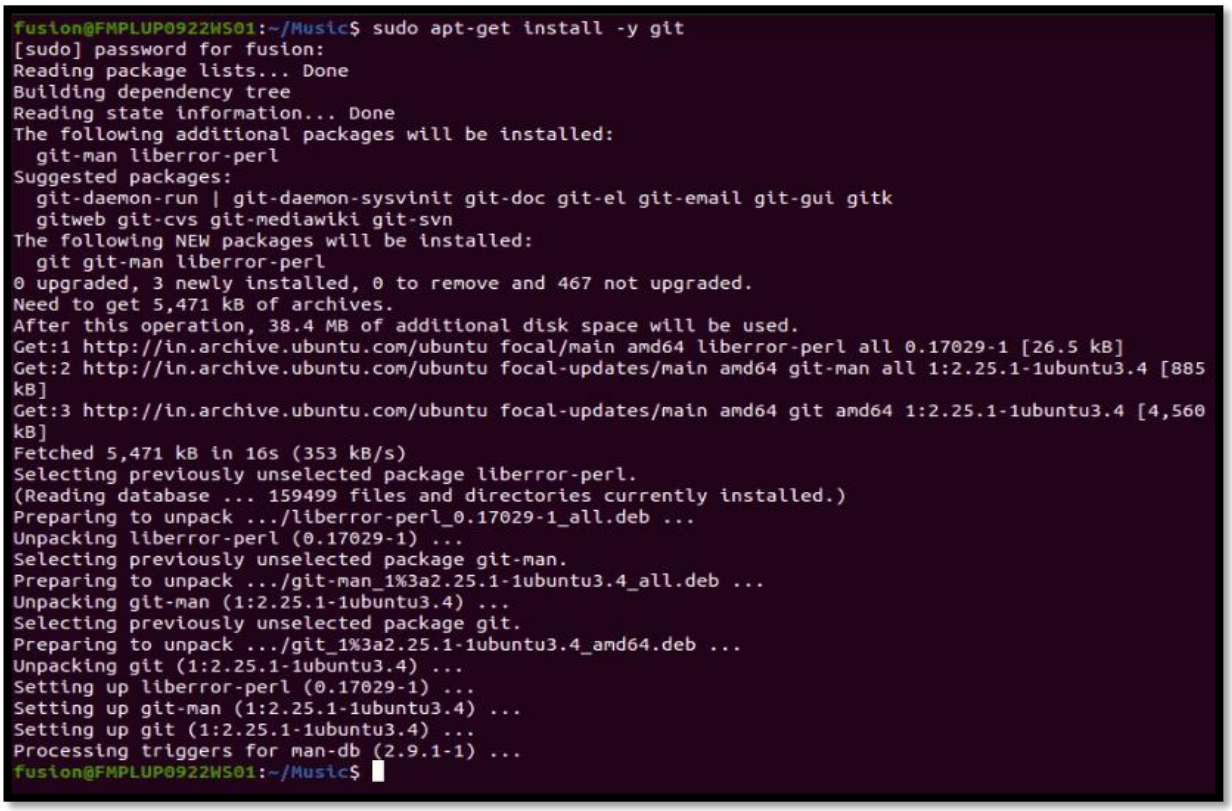
Step 1: First, please check antivirus install or not and proper working or not.

dpkg --get-selections | grep escan.

Step 2: Install git package for access git repository.

cd Music/

sudo apt-get install git -y



Step3: Copy Prisma directory from GitHub repository

sudo git clone https://github.com/jenkinstudent/prisma

```
fusion@FMPLUP0922WS01:~/Music$ sudo git clone https://github.com/jenkinstudent/prisma
Cloning into 'prisma'...
remote: Enumerating objects: 26, done.
remote: Counting objects: 100% (26/26), done.
remote: Compressing objects: 100% (25/25), done.
remote: Total 26 (delta 7), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (26/26), 7.78 MiB | 526.00 KiB/s, done.
fusion@FMPLUP0922WS01:~/Music$
```

Step4: Move to Prisma Directory and check open long list of directories or files.

cd prisma

ls -l or ls -lrt

```
fusion@FMPLBRLT216:~/Music/prisma$ ls -lrth
total 20M
-rw-r--r-- 1 root root  31K Feb  6 12:32 'Connect to a GlobalProtect portal Installation Steps.docx'
-rw-r--r-- 1 root root 2.4M Feb  6 12:32  ClSetup_20200723_144156440.exe
-rw-r--r-- 1 root root 254K Feb  6 12:32  FusionWall.jpg
-rw-r--r-- 1 root root 9.1M Feb  6 12:32  GlobalProtect_UI_deb-6.0.4.1-28.deb
-rw-r--r-- 1 root root 1.1K Feb  6 12:32  SSL_ROOT_CA.crt
-rw-r--r-- 1 root root  834 Feb  6 12:32  SSL_Forward-Trust-CA-ECDSA.crt
-rw-r--r-- 1 root root 1.1K Feb  6 12:32  SSL_Forward-Trust-CA.crt
-rw-r--r-- 1 root root 2.4K Feb  6 12:32 'Root CA.p12'
-rw-r--r-- 1 root root   49 Feb  6 12:32  README.md
-rw-r--r-- 1 root root  862 Feb  6 12:32  Mint_Script.sh
-rw-r--r-- 1 root root  18K Feb  6 12:32  LMClSetup_20191217_162733446.sh
-rw-r--r-- 1 root root 1.1K Feb  6 12:32  LICENSE
-rw-r--r-- 1 root root 7.2M Feb  6 12:32  GlobalProtect_deb-6.0.1.1-6.deb
-rw-r--r-- 1 root root 1.1M Feb  6 12:32 'Secure Internet gateway.pdf'
```

Step5: Grant permission to execute shell script file (Mint_Script.sh).

sudo chmod u+x Mint_Script.sh

```
fusion@FMPLUP0922WS01:~/Music/prisma$ sudo chmod u+x Mint_Script.sh
```

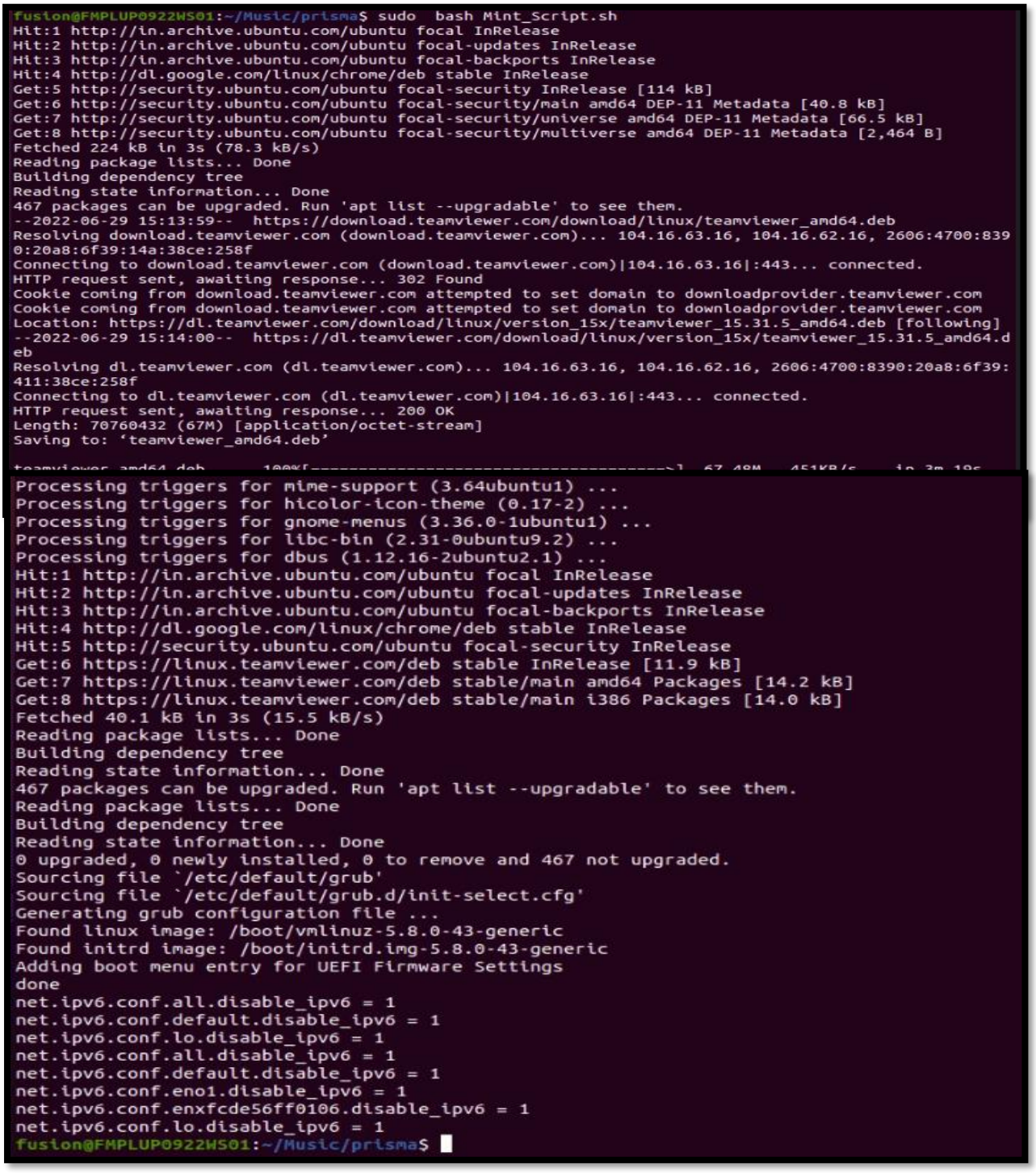
- permission has been granted, please check given below screenshot for your reference.

ls -l or ls -lrt

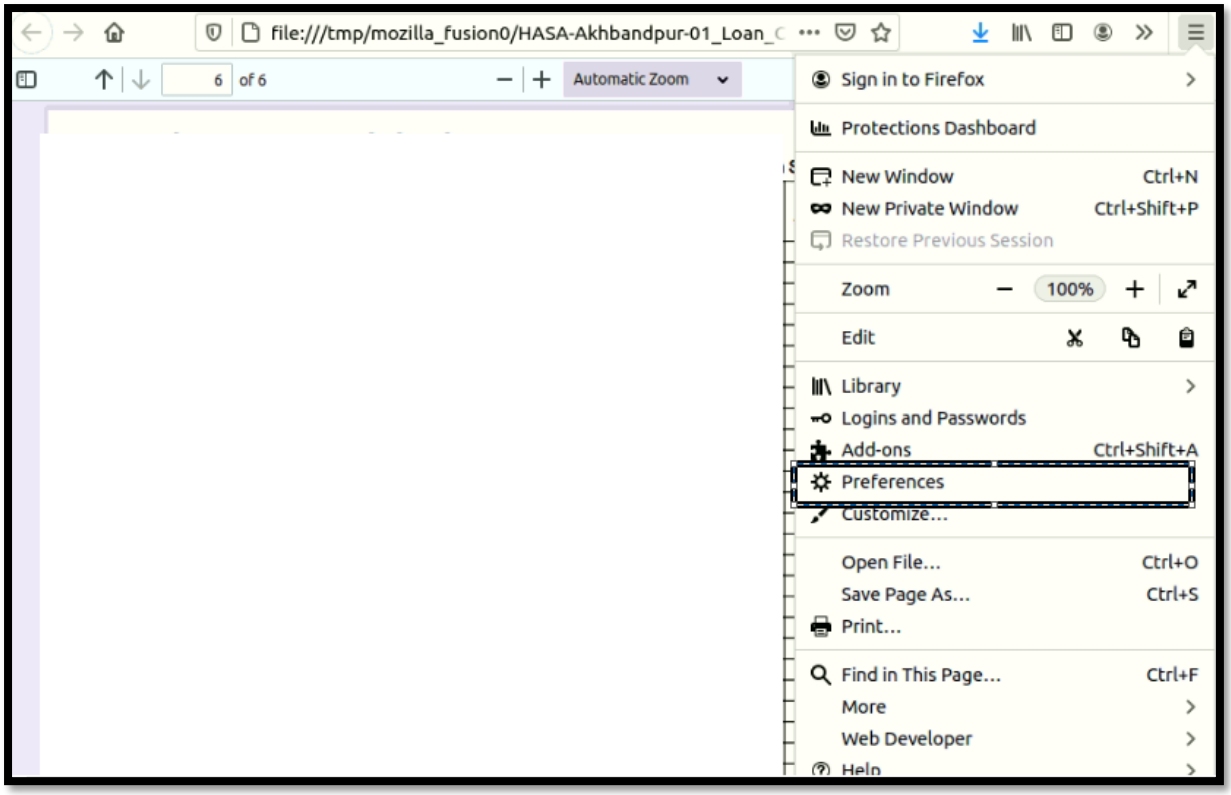
```
fusion@FMPLUP0922WS01:~/Music/prisma$ ls -l
total 8552
-rw-r--r-- 1 root root 2506788 Jun 29 15:09  ClSetup_20200723_144156440.exe
-rw-r--r-- 1 root root   31679 Jun 29 15:09 'Connect to a GlobalProtect portal Installation Steps.docx'
-rw-r--r-- 1 root root 6166521 Jun 29 15:09  GlobalProtect_deb-5.3.0.0-32.deb
-rw-r--r-- 1 root root    1070 Jun 29 15:09  LICENSE
-rw-r--r-- 1 root root   17751 Jun 29 15:09  LMClSetup_20191217_162733446.sh
-rwxr--r-- 1 root root     743 Jun 29 15:09  Mint_Script.sh
-rw-r--r-- 1 root root      49 Jun 29 15:09  README.md
-rw-r--r-- 1 root root    1103 Jun 29 15:09  SSL_Forward-Trust-CA.crt
-rw-r--r-- 1 root root     834 Jun 29 15:09  SSL_Forward-Trust-CA-ECDSA.crt
-rw-r--r-- 1 root root    1099 Jun 29 15:09  SSL_ROOT_CA.crt
fusion@FMPLUP0922WS01:~/Music/prisma$
```

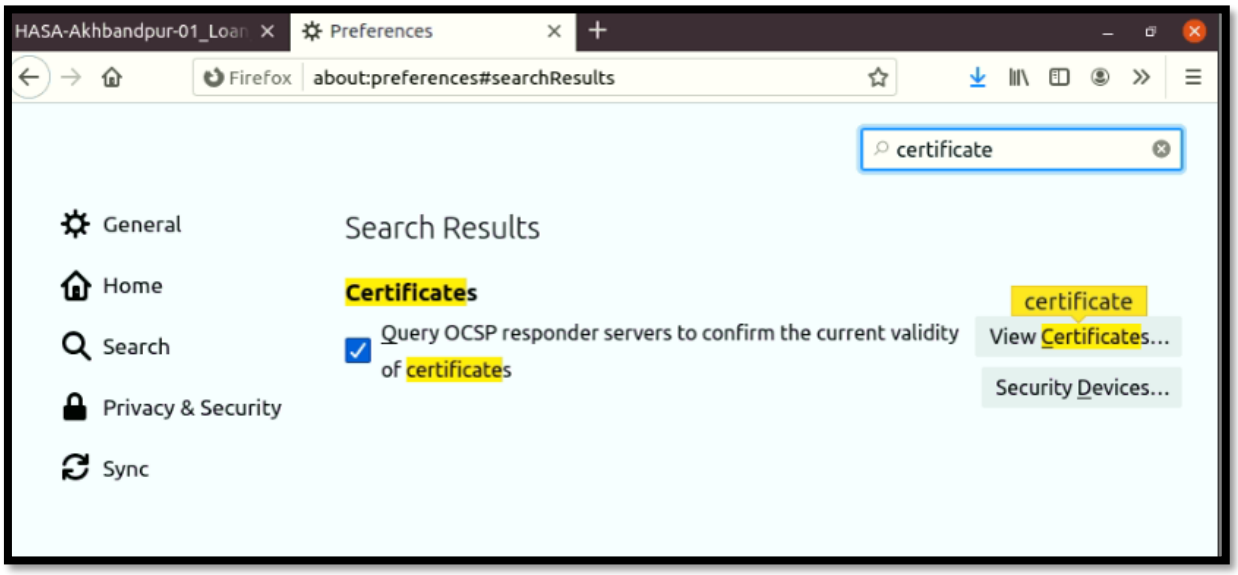
Step6: Execute shell script for installation some application and dependencies on Linux OS.

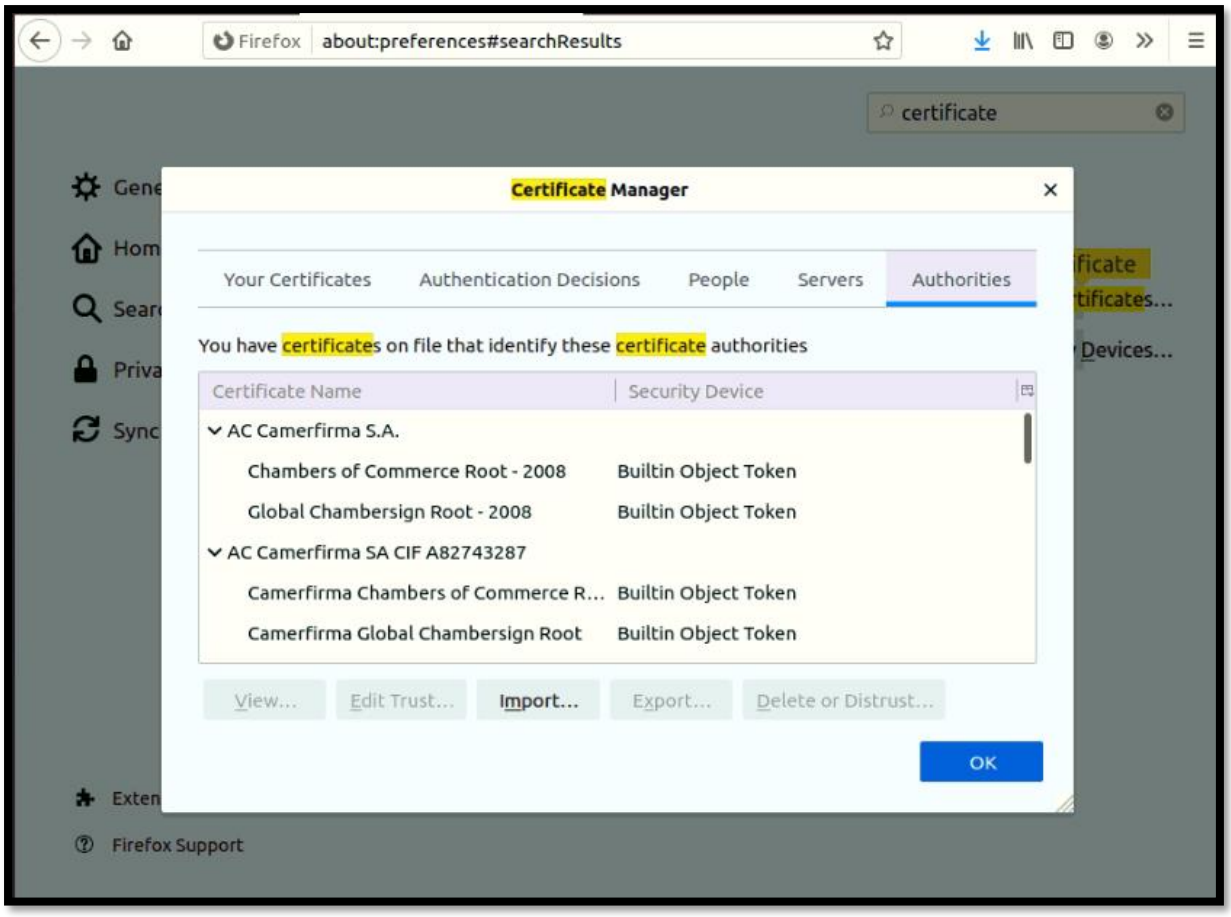
sudo bash Mint_Script.sh

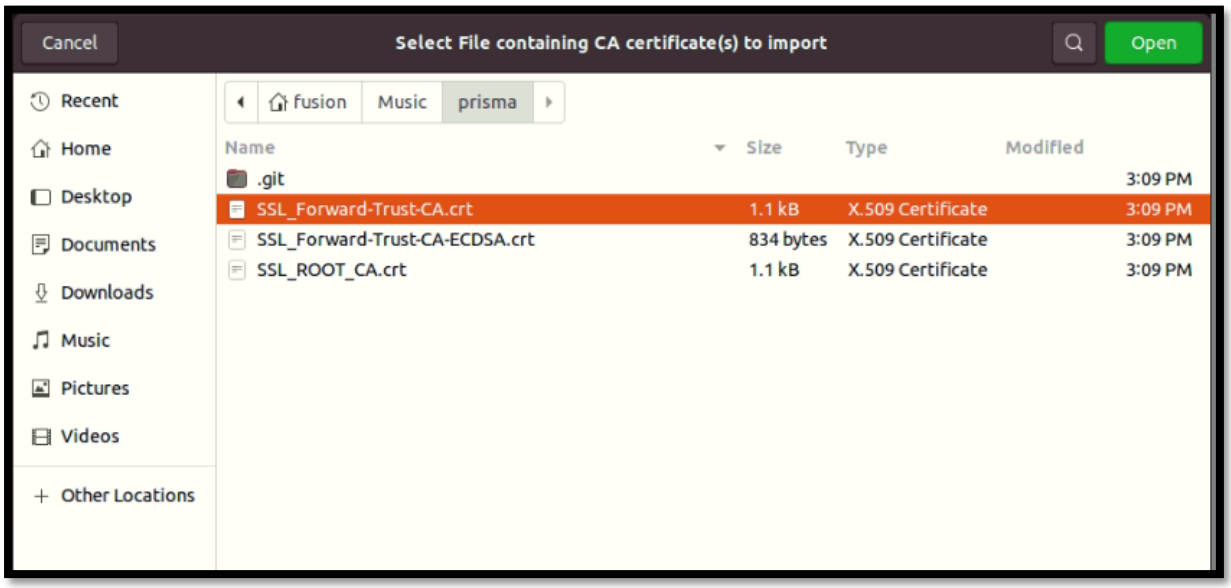


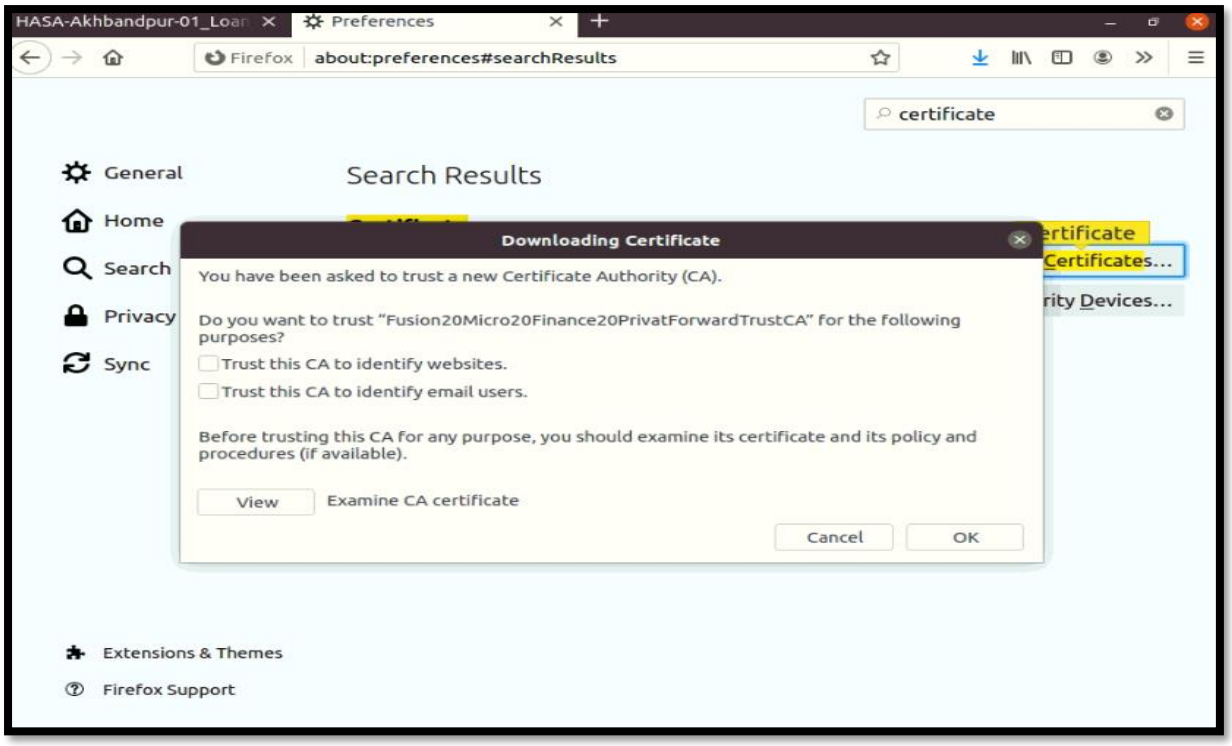
Step7: Import Certificate in Mozilla Firefox Google chrome and Thunderbird, Given below screenshot for your reference.



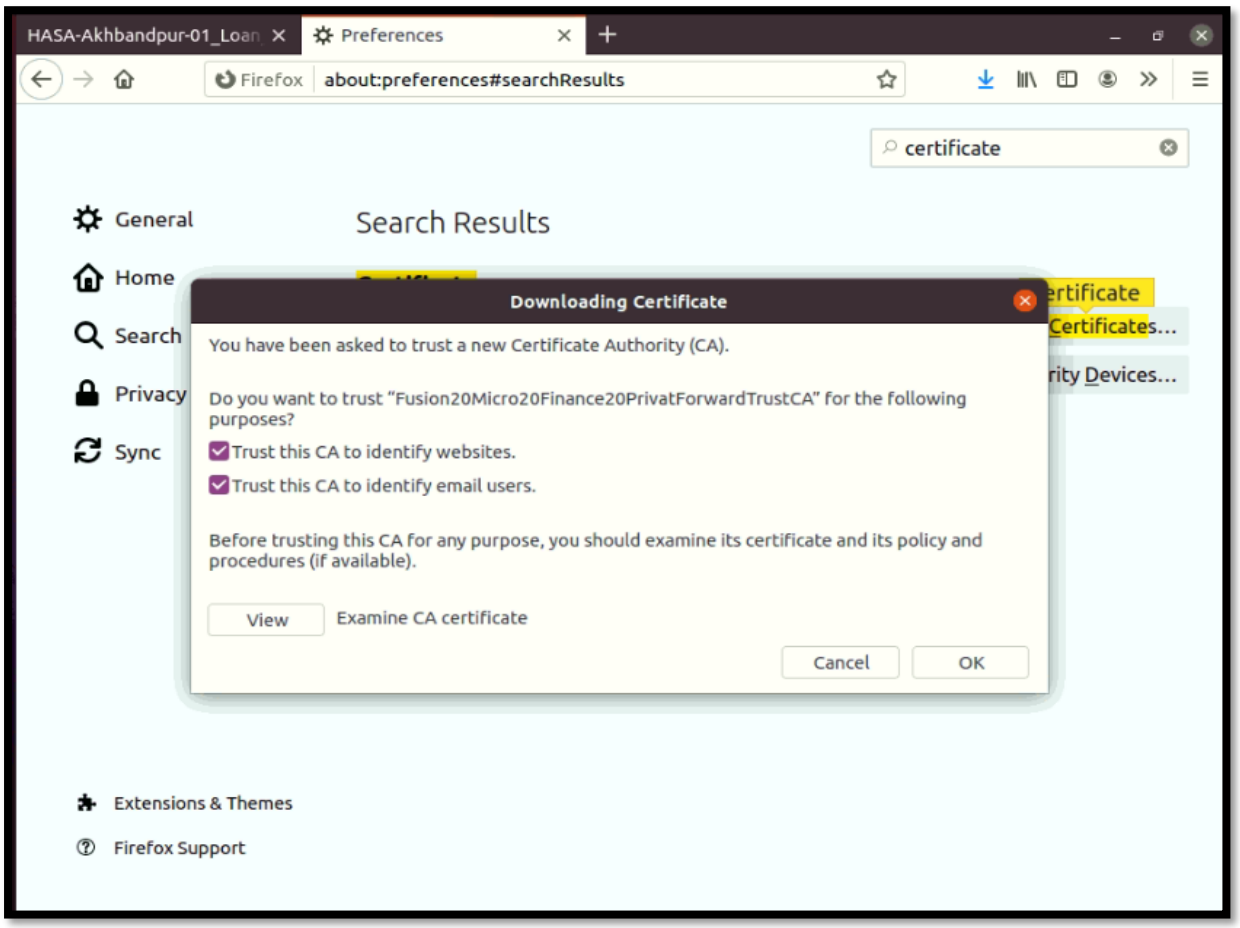



Firefox
about:preferences#searchResults
certificate
Certificate Manager
Your Certificates
Authentication Decisions
People
Servers
Authorities
You have certificates on file that identify these certificate authorities
Certificate Name
Security Device
AC Camerfirma S.A.
Chambers of Commerce Root - 2008
Builtin Object Token
Global Chambersign Root - 2008
Builtin Object Token
AC Camerfirma SA CIF A82743287
Camerfirma Chambers of Commerce R...
Builtin Object Token
Camerfirma Global Chambersign Root
Builtin Object Token
View...
Edit Trust...
Import...
Export...
Delete or Distrust...
OK
Firefox Support


Cancel
Select File containing CA certificate(s) to import
Open
Recent
Home
Desktop
Documents
Downloads
Music
Pictures
Videos
Other Locations
fusion
Music
prisma
Name
Size
Type
Modified
.git
3:09 PM
SSL_Forward-Trust-CA.crt
1.1 kB
X.509 Certificate
3:09 PM
SSL_Forward-Trust-CA-ECDSA.crt
834 bytes
X.509 Certificate
3:09 PM
SSL_ROOT_CA.crt
1.1 kB
X.509 Certificate
3:09 PM


HASA-Akhbandpur-01_Loan
Preferences
Firefox
about:preferences#searchResults
certificate
General
Home
Search
Privacy
Sync
Search Results
Downloading Certificate
You have been asked to trust a new Certificate Authority (CA).
Do you want to trust "Fusion20Micro20Finance20PrivatForwardTrustCA" for the following purposes?
Trust this CA to identify websites.
Trust this CA to identify email users.
Before trusting this CA for any purpose, you should examine its certificate and its policy and procedures (if available).
View
Examine CA certificate
Cancel
OK
Certificates...
Devices...
Extensions & Themes
Firefox Support

S


HASA-Akhbandpur-01_Loan
Preferences
Firefox
about:preferences#searchResults
certificate
General
Home
Search
Privacy
Sync
Search Results
Downloading Certificate
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Trust this CA to identify websites.
Trust this CA to identify email users.
Before trusting this CA for any purpose, you should examine its certificate and its policy and procedures (if available).
View
Examine CA certificate
Cancel
OK
Certificates...
Devices...
Extensions & Themes
Firefox Support

Step8: Finally install Globalprotect Debian file.

```
fusion@FMPLBRLT216:~/Music/prisma$ ls -lrth
total 20M
-rw-r--r-- 1 root root  31K Feb  6 12:32 'Connect to a GlobalProtect portal Installation Steps.docx'
-rw-r--r-- 1 root root 2.4M Feb  6 12:32  ClSetup_20200723_144156440.exe
-rw-r--r-- 1 root root 254K Feb  6 12:32  FusionWall.jpg
-rw-r--r-- 1 root root 9.1M Feb  6 12:32  GlobalProtect_UI_deb-6.0.4.1-28.deb
-rw-r--r-- 1 root root 1.4K Feb  6 12:32  SSL_ROOT_CA.crt
-rw-r--r-- 1 root root  834 Feb  6 12:32  SSL_Forward-Trust-CA-ECDSA.crt
-rw-r--r-- 1 root root 1.1K Feb  6 12:32  SSL_Forward-Trust-CA.crt
-rw-r--r-- 1 root root 2.4K Feb  6 12:32 'Root CA.p12'
-rw-r--r-- 1 root root   49 Feb  6 12:32  README.md
-rw-r--r-- 1 root root  862 Feb  6 12:32  Mint_Script.sh
-rw-r--r-- 1 root root  18K Feb  6 12:32  LMClSetup_20191217_162733446.sh
-rw-r--r-- 1 root root 1.1K Feb  6 12:32  LICENSE
-rw-r--r-- 1 root root 7.2M Feb  6 12:32  GlobalProtect_deb-6.0.1.1-6.deb
-rw-r--r-- 1 root root 1.1M Feb  6 12:32 'Secure Internet gateway.pdf'
fusion@FMPLBRLT216:~/Music/prisma$ sudo dpkg -i GlobalProtect_UI_deb-6.0.4.1-28.deb
```

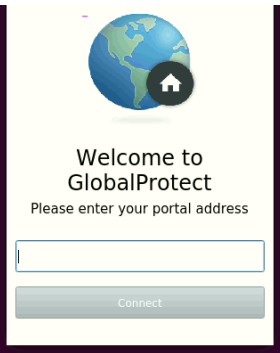
sudo dpkg -i GlobalProtect_UI_deb-6.0.4.1-28.deb

```
fusion@FMPLBRLT216:~/Music/prisma$ sudo dpkg -i GlobalProtect_UI_deb-6.0.4.1-28.deb
```

Step9: Connect Globalprotect with given credentials.

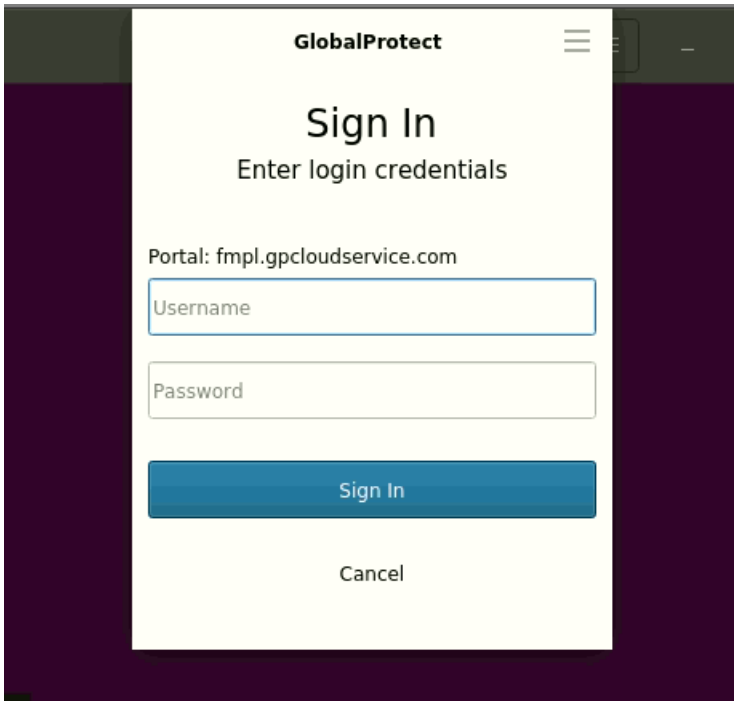
FQDN: **fmpl.gpcloudservice.com**

```
fusion@FMPLBRLT216:~/Music/prisma$ sudo dpkg -i GlobalProtect_UI_deb-6.0.4.1-28.deb
[sudo] password for fusion:
(Reading database ... 197154 files and directories currently installed.)
Preparing to unpack GlobalProtect_UI_deb-6.0.4.1-28.deb ...
Start installing gp...
Unpacking globalprotect (6.0.4-28) ...
Setting up globalprotect (6.0.4-28) ...
Enable gp service...
Starting gp service...
Set default browser, errors other than gp.desktop can be ignored ...
Enable ping
net.ipv4.ping_group_range = 0 0
Create symlink for gp cli...
Starting gpa...
Start GPA for sudo user fusion
Start PanGPUI for sudo fusion
Processing triggers for hicolor-icon-theme (0.17-2) ...
QStandardPaths: XDG_RUNTIME_DIR not set, defaulting to '/tmp/runtime-fusion'
Processing triggers for gnome-menus (3.36.0-1ubuntu1) ...
Processing triggers for desktop-file-utils (0.24-1ubuntu3) ...
Processing triggers for mime-support (3.64ubuntu1) ...
Processing triggers for man-db (2.9.1-1) ...
fusion@FMPLBRLT216:~/Music/prisma$
```



Step 10 : Add to Task Manager

Step 11: Enter SIG LoginID and Password



Note: Ubuntu 19 and above anydesk dependency remove using given below script.

sudo sed -i '7 s/^#//' /etc/gdm3/custom.conf