

# Downloading CA Certificates from the CA

This section still needs to be completed.

Ubuntu has an automated system to download and maintain a list of the most popular public certificates root and chain CA certificates.

It is recommended to use the certs from Ubuntu's repository in `/etc/ssl/certs`.

However, some operating systems do not have this feature, or for whatever reason you need to manually apply your certificates.

This tutorial covers this scenario.

## Download CA Certificates

You **may** also need the CA's certificates which can be downloaded from StartSSL,

Toolbox, StartCom CA Certificates: Download "StartCom Root CA (PEM encoded)"

It is recommend to change the **ca.pem** file to include the CA's brand or name, such as, **StartSSL\_Root\_CA.pem**.

## Download Intermediate Certificates

In some cases you **may** also need the intermediate certificates.

Toolbox, StartCom CA Certificates: Download "Class 1 Intermediate Server CA"

Change the default **sub.class1.server.ca.pem** file to include the CA's brand or name such as, **StartSSL\_Sub\_Class1\_CA.pem**.