

# Export & Download — SSL Certificate from Server (Site URL)

By Menaka Jain

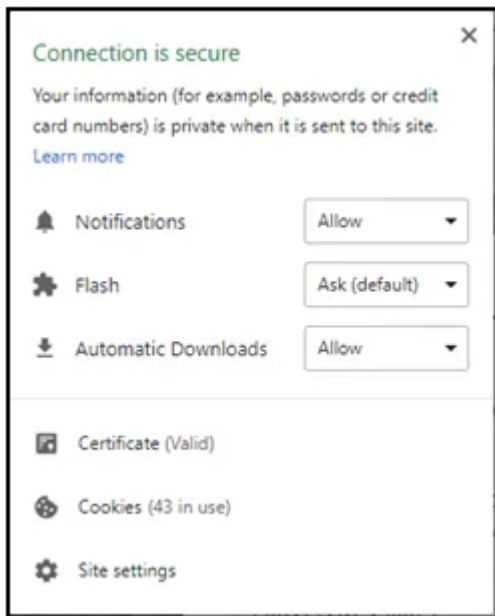
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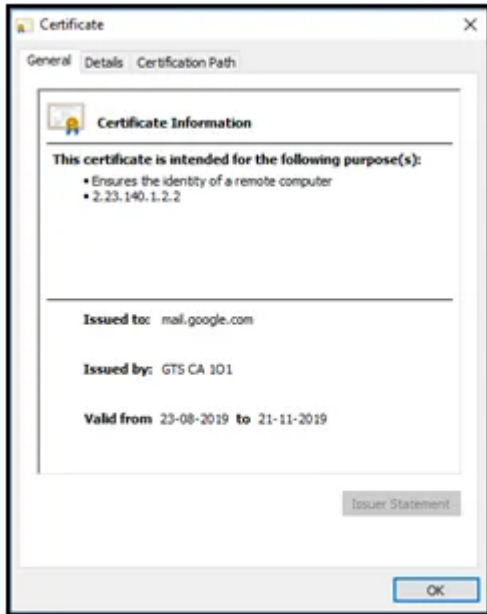
## Google Chrome

Export the SSL certificate of a website using Google Chrome:

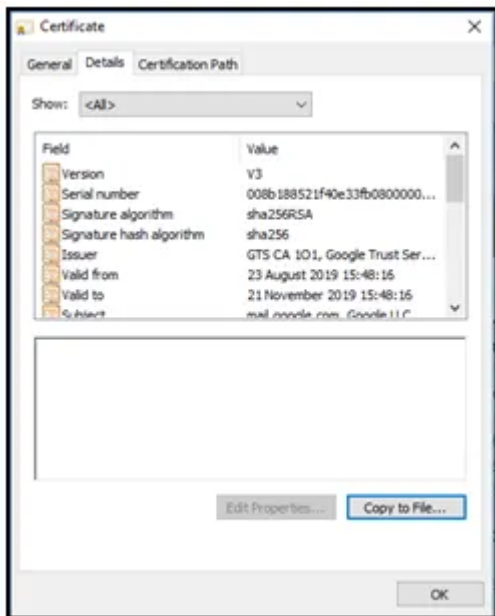
1. Click the **Secure** button (a padlock) in an address bar.



2. Click the **Certificate(Valid)**.



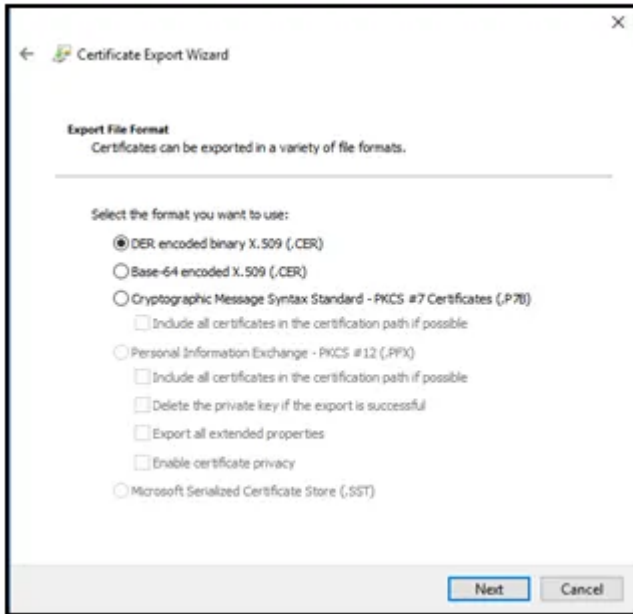
3. Go to the **Details** tab



4. Click the **Copy to File...** button

5. Click the **Next** button.

6. Select the "Base-64 encoded X.509 (.CER)" format and click the **Next** button.



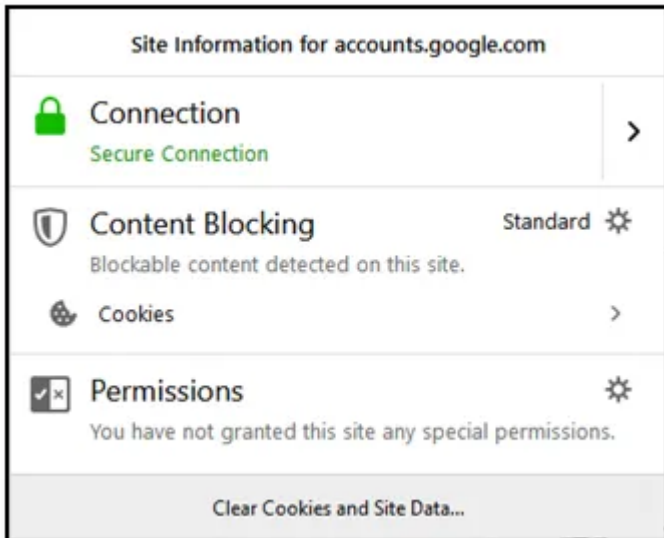
7. Specify the name of the file you want to save the SSL certificate to

8. Click the **Next** and the **Finish** buttons

## Mozilla Firefox

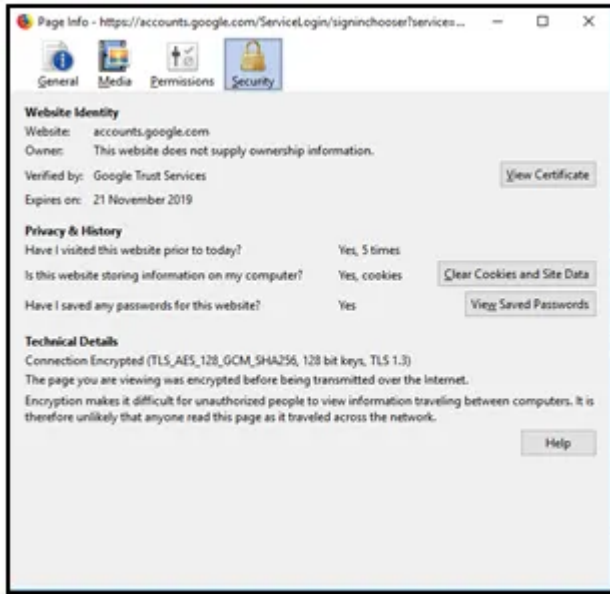
Export the SSL certificate of a website using Mozilla Firefox:

1. Click the **Site Identity** button (a padlock) in an address bar.



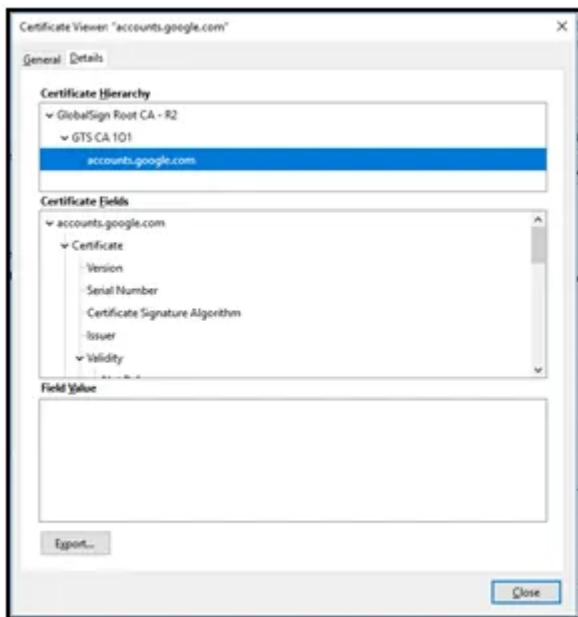
2. Click the **Show connection details** arrow

3. Click the **More Information** button



4. Click the **View Certificate** button

5. Go to the **Details** tab



6. Click the **Export** button

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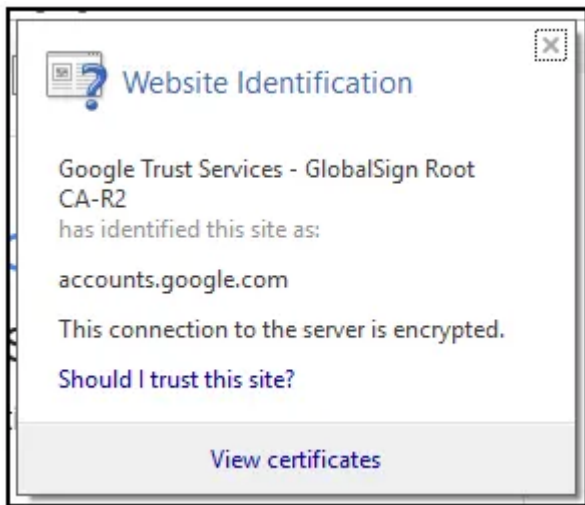
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7. Specify the name of the file you want to save the SSL certificate to, keep the "X.509 Certificate (PEM)" format and click the **Save** button

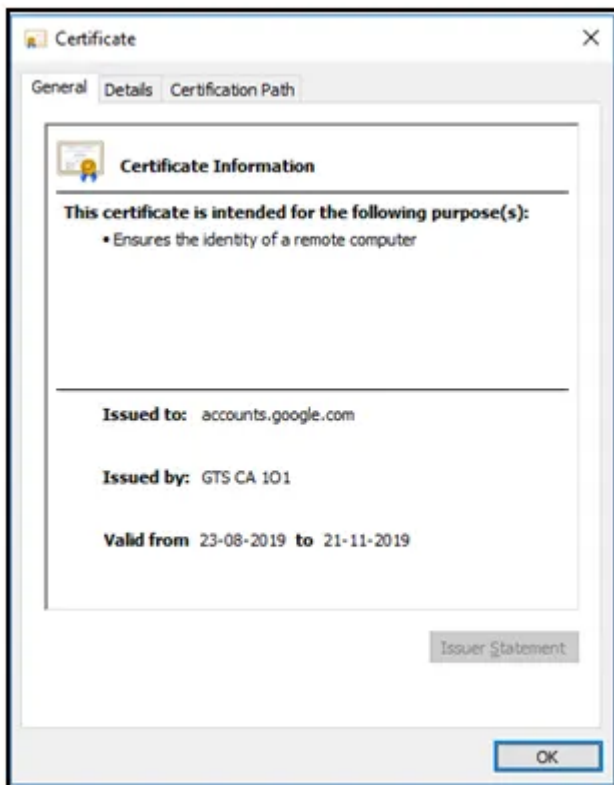
## Internet Explorer

Download and save the SSL certificate of a website using Internet Explorer:

1. Click the **Security report** button (a padlock) in an address bar



2. Click the View Certificate button



3. Go to the **Details** tab

4. Click the **Copy to File...** button

5. Click the **Next** button

6. Select the “Base-64 encoded X.509 (.CER)” format and click the **Next** button

7. Specify the name of the file you want to save the SSL certificate to

8. Click the **Next** and the **Finish** buttons

## OpenSSL

Get the SSL certificates of a website using openssl command :

```
$ echo | openssl s_client -servername NAME -connect HOST:PORT \  
sed -ne '/-BEGIN CERTIFICATE-/,/-END CERTIFICATE-/p' > certificate.crt
```

### Explanation :

>>**connect HOST:PORT** :- The host and port to connect to

>>**server name NAME** :- The TLS SNI (Server Name Indication) extension (website)

>>**certificate.crt** :- Save SSL certificate to this file

### Example:

```
$ echo | openssl s_client -servername google.com -connect google.com:443\  
sed -ne '/-BEGIN CERTIFICATE-/,/-END CERTIFICATE-/p' > certificate.crt
```

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Source: <https://medium.com/@menakajain/export-download-ssl-certificate-from-server-site-url-bcfc41ea46a2>