

Install Comodo SSL certificate to windows server

- Generate CSR without www from csrgenerator.com.
- Separate private key file as (key.key) and certificate csr (certificate.csr).
- Submit CSR and get certificate.
- Create ca-bundle file in below order with domainname.ca-bundle.

(Try to create bundle file as per last statements in file, if any error).

1 COMODORSADomainValidationSecureServerCA.crt

2 COMODORSAAddTrustCA.crt

3 AddTrustExternalCARoot.crt

- Download openssl utility and setup it in C:\openssl folder.
- Set path for configuration file with below command.

```
SET OPENSSL_CONF=C:\OpenSSL-Win32\bin\openssl.cnf
```

- Reboot the computer.
- Convert CRT file to PFX using below command.

```
openssl pkcs12 -export -out <newcertname.pfx> -inkey <key file> -in  
<domaincert.crt> -certfile <bundle file>
```

For ex.

```
openssl pkcs12 -export -out <newcertname.pfx> -inkey key.key -in  
STAR_tbeaportal_com.crt -certfile STAR_tbeaportal_com.ca-bundle
```

- import the PFX file in iis.

How do I make my own bundle file from CRT files?

Example:

```
# Root CA Certificate - AddTrustExternalCARoot.crt
# Intermediate CA Certificate 1 - ComodoRSAAddTrustCA.crt OR ComodoECCAddTrustCA.crt
# Intermediate CA Certificate 2 -
ComodoRSADomain/Organization/ExtendedvalidationSecureServerCA.crt OR
ComodoRSAECCDomain/Organization/ExtendedvalidationSecureServerCA.crt
# Intermediate CA Certificate 3 - ComodoSHA256SecureServerCA.crt
# Your SSL Certificate - yourDomain.crt
```

Note: You will not need your SSL certificate for this exercise.

GUI Text Editor

1. Open All files in a text editor. (Remember, not your domain certificate.)
2. Create a new blank text file.
3. Copy contents of all files in reverse order and paste them into the new file.
Example: Intermediate 3, Intermediate 2, Intermediate 1, Root Certificate.
4. Save newly created file as 'yourDomain.ca-bundle'.

Command Line

Windows or DOS:

```
-- copy ComodoRSAAddTrustCA.crt +  
ComodoRSADomain/Organization/ExtendedvalidationSecureServerCA.crt + AddTrustExternalCARoot.crt  
yourDomain.ca-bundle
```

Or

```
-- copy ComodoSHA256SecureServerCA.crt + AddTrustExternalCARoot.crt yourDomain.ca-bundle
```

Note: 'yourDomain.ca-bundle' is only a place holder file name. You may call it anything you want.