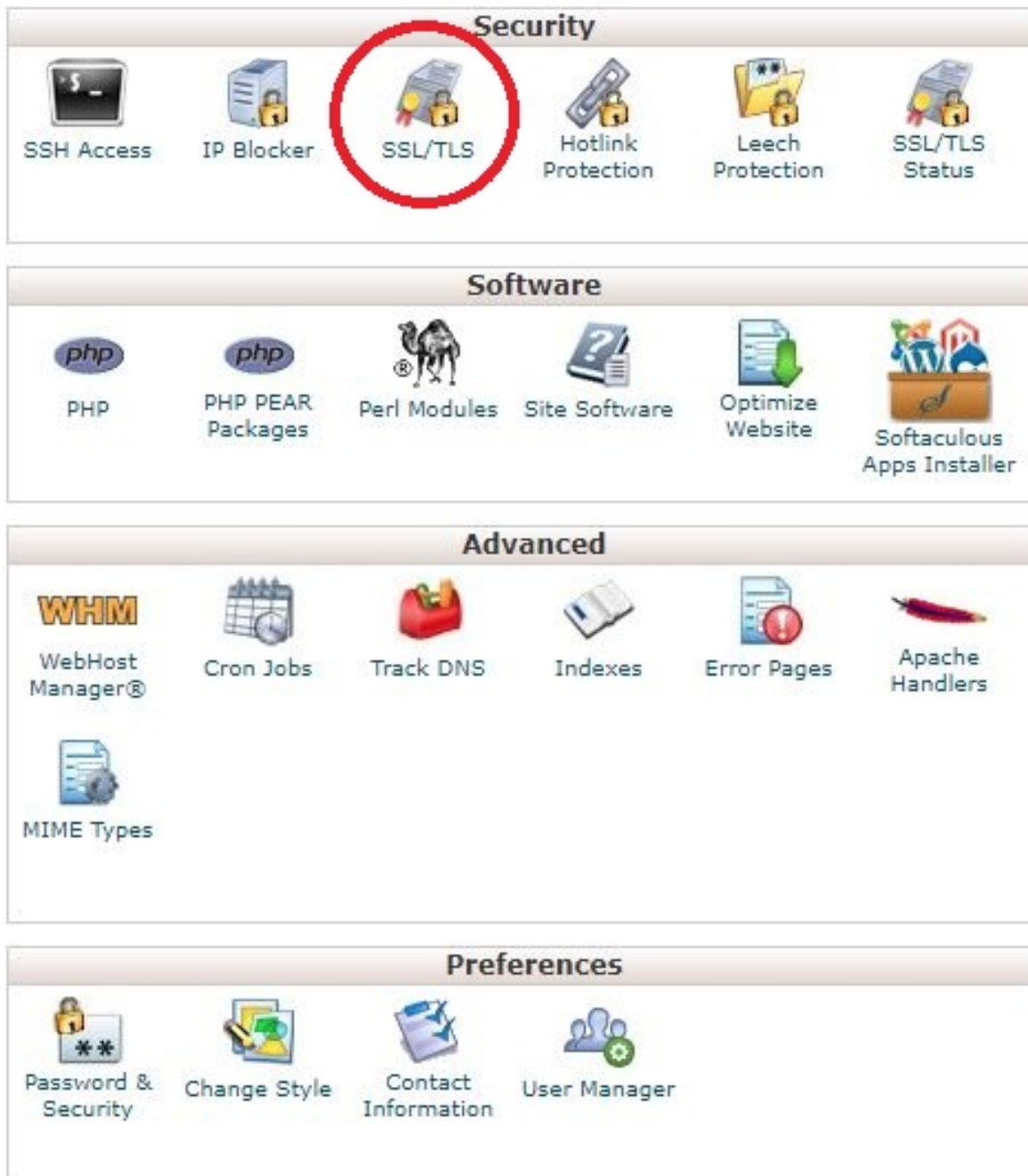


# How to Generate CSR and RSA Key via cPanel (versions 11.38 and above)

**Step 1:** Log into cPanel. Check to make sure your cPanel version is eligible for SNI support: <https://www.hostdime.com/resources/determine-cpanel-version/>

**Step 2:** Go back to your Homepage. Click on “SSL/TLS” under the **Security** section.




**Step 3:** Click on “Generate, view, upload, or delete SSL certificates.”

The screenshot shows the cPanel SSL/TLS Manager interface. At the top, there is a navigation bar with 'HOME' and 'LOGOUT' links. Below this is a banner with the cPanel logo and a world map. The main content area is titled 'SSL/TLS' and contains a description of the SSL/TLS Manager's purpose. It lists four main sections: 'Private Keys (KEY)', 'Certificate Signing Requests (CSR)', 'Certificates (CRT)', and 'Install and Manage SSL for your site (HTTPS)'. The 'Certificate Signing Requests (CSR)' section is highlighted with a red box.

HOME LOGOUT

**cPanel**

CPANEL 11

 **SSL/TLS**

The SSL/TLS Manager will allow you to generate SSL certificates, certificate signing requests, and private keys. These are all parts of using SSL to secure your website. SSL allows you to secure pages on your site so that information such as logins, credit card numbers, etc are sent encrypted instead of plain text. It is important to secure your site's login areas, shopping areas, and other pages where sensitive information could be sent over the web.

**Private Keys (KEY)**  
Generate, view, upload, or delete your private keys.

**Certificate Signing Requests (CSR)**  
Generate, view, or delete SSL certificate signing requests.

**Certificates (CRT)**  
Generate, view, upload, or delete SSL certificates.

**Install and Manage SSL for your site (HTTPS)**  
Manage SSL sites.

**Step 4:** Leave the "Key" section at **2,048** bit key. Fill in all the other details as it relates to the domain name that the SSL certificate is being issued to. Company Division, Email and Passphrase fields are optional. Click "Generate".

## Generate a New Certificate Signing Request (CSR)

Use this form to generate a new certificate signing request for your domain. Your SSL certificate authority (CA) will ask for a certificate signing request to complete the certificate purchase. Your CA may require specific information in the form below. Check with the CA's CSR requirements for the Apache web server.

Key\*

Generate a new 2,048 bit key.

Domains \*

hostdime.com

Provide the FQDNs that you are trying to secure, one per line. You may use a wildcard domain by adding an asterisk in a domain name in the form: \*.example.com. NOTE: Many CAs charge a higher price to issue multiple-domain certificates (sometimes called "uCCs" or "SAN certificates") and certificates that include wildcard domains.

City\*

Orlando

Provide the complete name for the city or locality. Do not use abbreviations.

State\*

Florida

Provide the complete name for the state or province. Do not use abbreviations.

Country\*

US (United States)

Choose the country of origin for the certificate's company.

Company\*

HostDime.com, Inc.

Provide the legally-registered name for your business. If your company name includes symbols other than a period or comma, check with your certificate authority to confirm that they are acceptable.

**NOTE:** If you are purchasing a Wildcard SSL, make sure you enter an asterisk " \*" in the front of the domain. For example: \*.domain.com

**NOTE:** If you choose to add a passphrase, **DO NOT USE** an important or secure password that your company uses.

**Step 5:** If you entered everything properly, the page will refresh and output the **Encoded Certificate Signing Request** AND an **Encoded Key**:



## SSL/TLS

### Generated Certificate Signing Request



The Certificate Signing Request for "hostdime.com" has been generated and saved in your user directory. To purchase a trusted certificate, you must copy the Encoded Certificate Signing Request below and send it to the Certificate Authority. Follow the instructions provided by your Certificate Authority.

Domain:

hostdime.com

Description:

hostdime.com 1521127257.0

Encoded Certificate Signing Request:

```
-----BEGIN CERTIFICATE REQUEST-----
MIICqjCCAZICAQAwZTEVMBMGA1UEAwMaG9zdGRpbWUuY2
b3N0RGltZS5jb20sIEluYy4xEDAOBgNVBACMB09ybGFuZG
MRAwDgYDVQQIDAGbG9yaWRhMIIBIjANBgkqhkiG9w0BAQ
AQEA2rRyW4mOQ/tyglrqPgUkuy11zN0kOCN7YW5HmCOFGv
z2KxL7ksWSK77/5w1RgvxS6Yp2hrSy6S4ixa8OyPltkEQh
cbZJAAS4eMc+SLI4Z4ipdC7ceMXIntGfz5V+ozTL0fDo3H
1q9BN60rU1jS+fC0Sknv7Ij/d4HKq/O03LzTv0fxw2vHL/
iU02y+kSu6LYUCDZgUcsAzzRsJosOAHfE6A9VJnhkjxOHj
O3DvPBUSz5IwbL5N0juFERY9BwIDAQABoAAwDQYJKoZIh
vOi7mLSvqT+JA0846F8/MFe87bAYFZ+R+Pd3qUx1EdGs8p3
yE4Xe3+Ijd0FEgmr09dQCTE6hPgZ90l+19gZwDySj/ooCF
hNyfvqESsHnF0ekwkbGLM+bvtJgXpyZpMXSYNY696tptW8
OYye8+WvASd4Z1wT+ub2FqBY7EF7x3odT4G53CGfEEXG2X
C9yexewS8K4LBTEo4Lle0i9LSfCp79z0UCFTa9pRevSXz1
qxR6xuoQ7/yl1REw9LI=
-----END CERTIFICATE REQUEST-----
```

## Encoded Key:

```
-----BEGIN RSA PRIVATE KEY-----
MIIEogIBAAKCAQEA2rRyW4mOQ/tyglrqPgUkuy11zNOkOC
/uX/4Tp1Ovboz2KxL7ksWSK77/5w1RgvxS6Yp2hrSy6S4i
Fr00SG7zaqE8cbZJAAS4eMc+S1I4Z4ipdC7ceMXIntGfz5'
y5UgC3jSeTLD1q9BN60rU1jS+fC0Sknv7Ij/d4HKq/003L
NoqYndThInugiU02y+kSu6LYUCDZgUcsAzzRsJosOAHfE6.
0+0DcyVdbt3D03DvPBUSz5IwbL5N0juFERY9BwIDAQABAo
ngk1gJtqoHCW+7MKipPoNbnVyBS7s0HeBOisfDnq+K3LN+
nW4FPtKJ4w7fT2u8qZpXDMNctPL4Dh1bqbMgalU7ITd2cx
BUMfCbAbxJ/YhELXDZPT2l0znVD9IFFkfz//j/SppUu5iU
BAfRpCHGinHzUaPV2yJKucIO5hDvcWMkWqd10hy/8x1LpL
r1mTIxL9OowsdjU6W0K0eq3Nvd2SU0A8tx0oDo23qtE4ii
ZNfCMtECgYEA+kgJNFGdHy81Mfe+s3dFn6l6GGqFZP1XBQ
+uYM8uF5r9yOLXTAAETH3R4kX6VELCNVyk1FPudW0+tt4T
AGTMLevMpNIiGbr2wkuQpsDUTb5pTkwXJ4/TPSfE7EDInE
CYbQxSaCYF2JTr0XT0v9BEaqnj9bW1KT5clcHaJrTV8Yz1
hWtRLC24iLosWd002ULMm5esq6h4zZXhfL01WUGontF91C
Sq8tbBSwx8GKTENPNMGrqyuqVAvSM07bVhJMqMCgYA/xr
2tXd+ubbASN3ikHxasB59/k9WPVBujaEnzKVgZc8lPs14h
+2K10MVMp4VsbAW+dKi5L878KErtatkM0KKm4PtY1KMT42
BBFT+BpaCXgVOh2Pwj2F0QKBgBnmkNkhhuKMxuOpcNBxDF
YU79EzduH01CA0eiaxHXQVtg2AP1fk5QUqGu2YLbK29rE0
ykl/VKquzsbVhF4R3v4hAAuOiIT7POq8xaGR87XtLroNwQ
18nJAoGAQIE3bE0duC/K20jaJbWnJ0U184wVZrgls5YofG
Gb8V3qqNA3gnV0c7E2+STq5z1DUl4nUrwSvYHDpLQVRoUW
Ws91TTiP+wrydpWbvPQhNEKu1vq0CrhKJh6FjEsg3TL6Tj
-----END RSA PRIVATE KEY-----
```

This key will automatically populate during the installation. However as a backup, we recommend you copy the entire key and save it to a notepad file *temporarily* until the installation is complete.

**Step 6:** Copy the Certificate Signing Request onto a notepad (.txt) file or straight onto the order form in CORE.

Description:

hostdime.com 1521127257.0

Encoded Certificate Signing Request:

```
-----BEGIN CERTIFICATE REQUEST-----
MIICqjCCAZICAQAwZTEVMBMGGA1UEAwMaG9zdGRpbWUuY2
b3N0RGltZS5jb20sIEluYy4xEDA0BgNVBACMB09ybGFuZG
MRAwDgYDVQQIDAdGbG9yaWRhMIIBIjANBgkqhkiG9w0BAQ
AQEA2rRyW4m0Q/tyglrqPgUkuy11zN0kOCN7YWShmCOFGv
z2KxL7ksWSK77/5w1RgvxS6Yp2hrSy6S4ixa80yPltkEQh
cbZJAAS4eMc+S
1q9BN60rU1jS+
iU02y+kSu6LYU
O3DvPBUSz5Iwb
oi7mLSvqT+JA0
yE4Xe3+Ijd0FE
hNyfvqESsHnF0
OYye8+WvASd4Z
C9yexewS8K4LBT04L1e0i9LS+Cp79z0UCFTa9pRev5Xz1
qxR6xuoQ7/yl1REw9LI=
-----END CERTIFICATE REQUEST-----
```

Copy

Ctrl+C

Search Google for "-----BEGIN CERTIFICATE REQUEST-----..."

Print...

Ctrl+P

Search

Inspect

Ctrl+Shift+I

**NOTE:** It is important you copy/paste everything within this box from "**-----BEGIN CERTIFICATE REQUEST-----**" all the way down to "**-----END CERTIFICATE REQUEST-----**".

To proceed with placing the SSL order, you can follow the steps outlined here: <https://www.hostdime.com/resources/order-ssl-via-core>