

CSR Creation and Installation for HSphere Webserver

How to generate a CSR in HSphere Web Server

1. From the control panel home page, click on SSL, then enable SSL for the domain you are securing.
2. Go to the next page, 'SSL Certificate Signing Request Parameters'. Fill in the blanks that exist, if any, and click Submit.

SSL Certificate Signing Request Parameters	
Site Name	<input type="text" value="katon.psoft.net"/>
e-mail	<input type="text" value="katon@pssoft.net"/> +
Company	<input type="text" value="Positive Software"/> +
Organization Unit	<input type="text"/> !
Locality	<input type="text" value="Austin"/> +
State	<input type="text" value="Texas"/>
State (if other)	<input type="text"/> +
Country	<input type="text" value="United States"/>
<input type="button" value="Submit"/>	

3. This will generate three files: A Certificate Signing Request (CSR), a Private Key, and a Temporary SSL Certificate. **You must save the Private Key and CSR and store them as text files in a safe place. They are necessary later for the installation of your SSL certificates.**

SSL Certificate Signing Request

```

-----BEGIN CERTIFICATE REQUEST-----
MIIB1zCCAUAQAQAwgZYxCzAJBgNVBAYTA1VBMQswCQYDVQQIEwJQOTENMAsgA1UE
BxMETHZpdjEaMBGGA1UEChMRUG9zaXRpdmUgU29mdHdhcmUxLjAUBGNVBAStDU5v
dCBzcGVjaWZpZUQwFzAVBgNVBAMTDnd3dy5paS5scml2LnVhNR4wHAYJKoZIhvcN
AQkBFg9rYXRvbKkwZ29mdC5uZlZlZlZlZlZlZlZlZlZlZlZlZlZlZlZlZlZlZlZl
AMPWlifPj43obbkUct1ztUW6Sg2NCA7NVwbf1RuNHZj2RIOnJini297IRN+iI3iQ
g/o+ySgW1HE1X5LuJvvug/qP3bjeuXm7CBx52WCJcYgw9R33mBfZZPWqT9fNhgGw
aZSWMNFpFs/sajduxilcb4HZBfr0SpyU9TPvHj6OtUXAgMBAAGADANBgkqhkiG
9w0BAQQAQAAOBgQC3yvwZhJoj3LMd0THVf6W3JTzfcKvyC6/MyC-CxOtKqXqddhZdLV
Xga69SmyUFONLzDgTd/DBGoXtaRNQU1Xvr2fYckHRnrxRhNB6iuQTJkr1PyykOTk

```

SSL Server Private Key

```

-----BEGIN RSA PRIVATE KEY-----
MIICXgIBAAKBgQDD1pYnz4+N6G25FHLdc7VlukqtjQgOzVcG35UbjR849kSNjYyP
9WfeyETfoin4kIP6PskoFtRxNV+S7ib77oP6j9243r15uwgcedlgiXGIMPud95gX
2WT1qk/XzYahsGmUljTRT7BbP7Go3bsSjXG+B2QX69Eqc1PUz7x4+jrVfWIDAQAB
AoGACTBRXU7U2oCOXUHDxfam5T4HcPsODJW/5pepBGDrvr14+/KBTOixlfcpcCcc
b3TAblZzo8jmcOVjN26s/Sci2BNETaGUR8YQcWE7wKC+O/3+BKAjFBAkxUo8Dhv
NBcPolt/ImEi/+oxnRWKhUVrdoT3J6l3kmJuUsgPzNrDYkCQQDmgE1MD1piBc9A
GJ2OCUWgTpX934UUKP1LoMRUuuuPkS3SKiTTjA9ULCdAhgW/DEAUHn6XE+RgTrJq
JsWg6m9NAkEA2Yck6KvXOSu+hFcr+B+jHD2a0/9ubT3Lb5UR2+mVVGzYxhgOeg2x
OHcYH9yEQx4RKP5G88s2VImaNYDcQOZr8wJBAJV7HSV3SzeIfXgevp8T/QDyGhCT

```

Temporary SSL certificate

```

-----BEGIN CERTIFICATE-----
MIICWjCCAiugAvIBAgIBATANBgkqhkiG9w0BAQQAADBKMQswCQYDVQQGEwJVQOTEN
MAsgA1UECBMETHZvdjENMAsgA1UEBxMETHZvdjEOMAwGA1UEChMFUHNvZnQxDTAL
BgNVBAMTBEB9s2UcwHhcNMDEwNzAyNTYxOTU0WncNMDEwNzAyNTYxOTU0WjCB1jEL
MAkGA1UEBhMCVUEwCzAJBgNVBAGTAk5BMQ0wCwYDVQQHEwRMdm12MR0wGAYDVQQK
ExFQb3NpdG12ZSBtb2Z0d2FyZTEWNBQGA1UECjxHNTM9OHVhZlZlZlZlZlZlZlZl
A1UEAxM0d3d3LmlpLmx2aXYudWExHjAcBgkqhkiG9w0BCQEU2tHdG9uQHbz2Z0
Lm5ldDCBnzANBgkqhkiG9w0BAQEFAAOBjQAQwYkCgYEAv9aWJ8+PjehtuRRy3XO1
ZbpKrYOIDS1XBt+VG40fOPZEjScmKfVn3shE36IjeJCD+j7JKbBUcTVfku4m++6D
+o/duN65ebsIHHnZYIlixIDD1HfeYF9lk9apP182GobBp1JY00U+wWz+xcqN27EiVx

```

4. Copy and save the CSR into text file and [submit to us](#) for our process.

Installing the Primary SSL Certificate file (your_domain_name.crt)

1. Save the Primary and Intermediate Certificate files you received to the directory where you saved your certificate and key files.
2. On the control panel home page, click on SSL. Enter the Web Service area and click on the Edit button under SSL.
3. An upload form will open; in the box labeled 'Install Certificate based on previously...', paste the contents of your Primary Certificate File (your_domain.crt). The certificate can be opened with a text editor like Notepad. Include the BEGIN and END tags (see example below) -- Upload it.

-----BEGIN CERTIFICATE-----
text ...
-----END CERTIFICATE-----

Edit SSL	
Domain Name:	<code>your_domain.com</code>
Install Certificate based on previously generated Certificate request	Certificate File: <div style="border: 1px solid black; height: 100px; width: 100%;"></div>
	<input type="button" value="upload"/>

****NOTE:** You must also install the intermediate certificate (using the instructions below) before browsers can properly authenticate the certificate.

Installing the Intermediate SSL Certificate file

In a similar manner, paste the contents of the Intermediate Certificate File to the 'Certificate Chain File' box. Some versions of H-Sphere label this box 'Certificate Authority File'. Click on Install.

Certificate Chain File	<div style="border: 1px solid black; height: 100px; width: 100%;"></div>
	<input type="button" value="Install"/>

Your certificate is now properly installed. Make sure to keep backup copies of all your key and certificate files in a secure place. This way you will be able to restore your SSL Certificate if the server crashes.