SSL Cert CSR Creation and Installation for Cobalt RaQ4/XTR

How to generate a CSR in Cobalt RaQ4-XTR Web Server

Enable SSL on a Virtual Site

1. Browse to the Server Management area
2. Click the Green Wrench (RaQ4) or Pencil (XTR) button next to the virtual site which you want to enable SSL
3. This will bring up the Site Managment UI
4. On the left side Click Site Settings (if in XTR select General)
5. Select the Checkbox to Enable SSL
6. Click Save Changes

Create a Self Signed SSL Certificate:

After you have enabled SSL, you will generate a Self Signed SSL Certificate.

1. Proceed to the Server Management screen
2. Again as above - Click the Green Wrench (RaQ4) or Pencil (XTR) button next to the virtual site which you want to enable SSL
3. On the left side Click Site Settings
4. This will open the Certificate Subject Information table
   Enter the following details:

   Country (two-letter Country Code)
   State (full name of State or County)
   Locality Enter (name of City or Locality)
   Organization (Legal Organization/Company or Personal Name)
   Organizational Unit (this can be any name such as a department)

5. Click Generate Self-Signed Certificate from the bottom menu
6. Select - Save Changes
7. RaQ4/XTR generates the screen with your new Self-Signed Certificate in the Certificate Request & Certificate fields

Paste CSR

Copy the all contents of the Certificate Request and save it to text file and **submit to us** for our process.

Example of code copied:

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

SSL Digital Certificate Installation on Cobalt

1) Installing your Primary Server Certificate (your_domain_name.crt):

1. In the Server Management screen, click on the Green icon (RaQ4 is a Wrench icon and XTR is a Pencil icon) for the site you are securing.
2. Choose SSL settings.

3. Copy your Primary Server Certificate (your_domain_name.crt) into the form. Make sure you copy the entire contents. Example:
    -----BEGIN CERTIFICATE-----
    text ...
    -----END CERTIFICATE-----

4. Select '**Use manually entered certificate**' from the drop-down menu, and click 'Save Changes'.

2) Installing the Intermediate Certficate:

1. With Apache you will install the Intermediate SSL Certificate. Copy the file you received.
2. Edit your httpd.conf file by adding the following line to the SSL section.
    SSLCACertificateFile /your_directory_path/IntermediateCA.crt

    This should make your config file look something like this (directories may vary on your server):

    <VirtualHost 192.168.0.1:443>
    DocumentRoot /var/www/html2
    ServerName www.yourdomain.com
    SSLEngine on
    SSLCertificateFile /etc/ssl/crt/your_domain_name.crt
    SSLCertificateKeyFile /etc/ssl/crt/your_private.key
    SSLCACertificateFile /etc/ssl/crt/IntermediateCA.crt
    < /VirtualHost>

3) Save your config file, and restart Apache.