

Certificate Signing Request (CSR) on RV320 and RV325 VPN Routers

Objective

To obtain a certificate signed by a certificate authority, you need to create a Certificate Signing Request (CSR). The purpose is to send the certificate authority enough information to create the certificate without sending the entire private key or compromising any sensitive information. The CSR also contains the information that will be included in the certificate, such as, domain name, locality information, etc.

This document explains how to configure Certificate Signing Request on a the RV32x VPN Router Series.

Applicable Devices

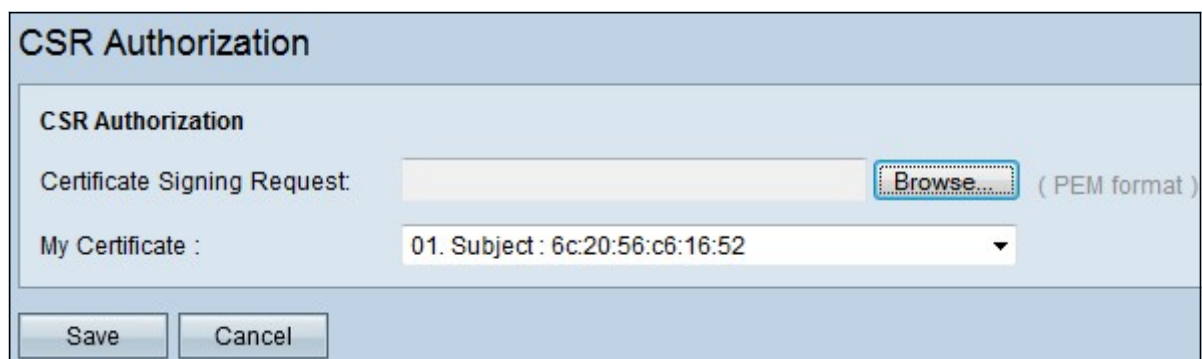
- RV320 Dual WAN VPN Router
- RV325 Gigabit Dual WAN VPN Router

Software Version

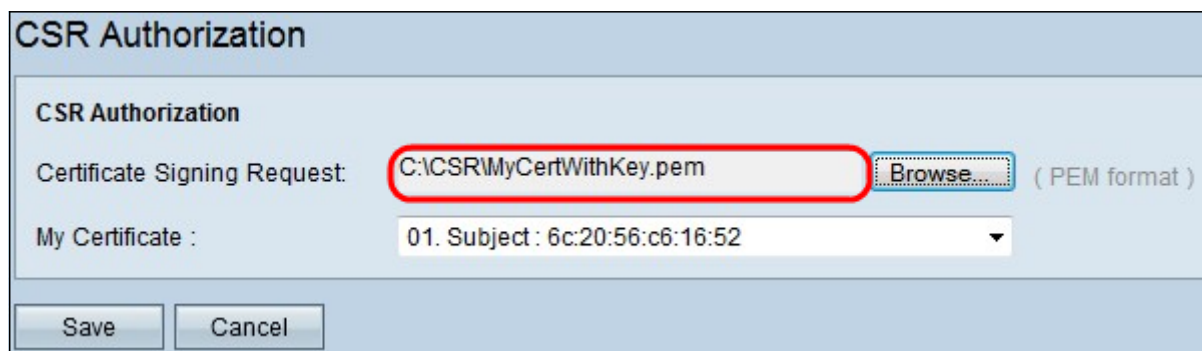
- v1.1.0.09

CSR Authorization

Step 1. Log in to the web configuration utility and choose **Certificate Management > CSR Authorization**. The *CSR Authorization* page opens:



The screenshot shows the 'CSR Authorization' web interface. It has a title bar 'CSR Authorization' and a sub-header 'CSR Authorization'. There are two main input areas: 'Certificate Signing Request' with an empty text box and a 'Browse...' button, and 'My Certificate' with a dropdown menu showing '01. Subject : 6c:20:56:c6:16:52'. At the bottom are 'Save' and 'Cancel' buttons.



The screenshot shows the 'CSR Authorization' web interface after a file path has been entered. The 'Certificate Signing Request' field now contains 'C:\CSR\MyCertWithKey.pem', which is highlighted with a red circle. The 'Browse...' button is still present. The 'My Certificate' dropdown and 'Save/Cancel' buttons remain the same as in the previous screenshot.

Step 2. Click **Browse** to locate the certificate signing request certificate from the PC. It

should be in .pem format.

Step 3. Choose a certificate from the My Certificate drop-down to authorize the Certificate Signing Request.

Step 4. Click **Save** to authorize the Certificate Signing Request.