



# Instructions: Generation of CSR for NetScaler

## 1. To create a CSR by using the NetScaler Gateway wizard

- In the configuration utility, click the Configuration tab and then in the navigation pane, click NetScaler Gateway.
- In the details pane, under Getting Started, click NetScaler Gateway wizard.
- Follow the directions in the wizard until you come to the Specify a server certificate page.
- Click Create a Certificate Signing Request and complete the fields.
- Click Create to save the CSR on your computer and then click Close.
- Exit the NetScaler Gateway wizard without saving your settings.

## 2. To create a CSR by using the NetScaler GUI

- You can also use the NetScaler GUI to create a CSR, without running the NetScaler Gateway wizard.
  - Navigate to **Traffic Management > SSL > SSL Files** and select **Create Certificate Signing Request (CSR)**.
  - Complete the settings for the certificate and then click **Create**.
- After you create the CSR and private key, paste the CSR on the TrustFactory Portal to complete the order.

Complete Order X

- > Order Summary ✔
- > Billing and Shipping ✔
- > Payment ✔
- ▼ CSR ?

CSR \*

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-----BEGIN NEW CERTIFICATE REQUEST-----
MIIDR0CCA1wCAQAwADCCAS1wDQVjK0ZlIhvcNAQERBQ0DggEPADCCAQoCQgE8BAl_3h
83LEB99FFE3C/LvLDxH98omIS5F8b10yEVIc5ehAhtEtX0F3c3pLRFHsSyWGr/
MAYBzA1H3XBvZ6DmC4PpPaOp2X4IND+Vol98Bz+7CIkpR++05zt4Kkbq8iuv23
/AbwL3v+8Bk0xw1E4dL+VvT6qwnLUI20hg7U6tmIIND3opnX06y8y0t44B+2R
+4x5GNI12hgqpx33rd1UuV6883C0u0hhtRPTvF8UR8asy/h995FQ50uQ
YgSOIHOFmSPLeu+2fk091kXmH80py28520kr4ynIcSOf6c5fNyZ3xhtgk8dHIP
Ufh1Xx1Ccsf3vupE28CAuEAAsCB/3Ac8gor8gEEAY13D01DhQ4H0Evl_3AuITQz
0T9u11AuB8kqk1G9w8C04xT1AFH98G41Ud9Qu8RR8JTXfXruU10sm7z7su6g
H88/1888kr88EA13F0x01A94E1Bv1a810h0ITfkuV29yc42pc429d8E1
Y2uV29D40T1300H0a08h0u0TUUDXVYRT8e8gor8gEEAY13D01DhQ4H0Evl_3
ABSOEA0a081A11b08+468A7g804CAUu8vA9YAd8346EAcg81ACASu81AHKA
IABTAHQ8b0v8AGFA7w81ACAAU8vA68Ad86A9Q270BvAuEAM8GCSa851b3DQER
CvUA44IBAD2ucXv71gmaH8g+1D/DSFmGvdx1e+5HETr888h1e1HMG/3edhK5p
0YmK8uCG04K0k82+K0VmxK51J0h2+4+1s3r00m8edCVV55u8830y08G89428
+4H5v8f8e1Dv7rgeEEPa8l/8ou88pQuub3469r0Z4a2100855u1t3y1z17w/
xn2u12w8f06a1umr0SDrTV6gJut9VDVvad71v16CBUEV1M8e70hITX1EgA0634
KpIX0y1XQMFU1Zmme82H0GVRmpFP1V6bFns1gu58KbU1R71U11n1cc0ue1CkrDx
0EK0sTV7e51e57pTuFF08XyX037U6VFX
-----END NEW CERTIFICATE REQUEST-----
                
```

More information regarding CSR generation

**Submit CSR**

- > Domain verification (Complete ONE of the below options)

## 3. Installing the SSL Certificate on NetScaler Gateway



- When you receive the signed certificate from the Certificate Authority (CA), pair it with the private key on the appliance and then install the certificate on NetScaler Gateway.
- To pair the signed certificate with a private key
- Copy the certificate to NetScaler Gateway to the folder nsconfig/ssl by using a Secure Shell (SSH) program such as WinSCP.
- In the configuration utility, on the Configuration tab, in the navigation pane, expand SSL and then click Certificates.
- In the details pane, click Install
- In Certificate-Key Pair Name, type the name of the certificate.
- In Certificate File Name, select the drop-down box in Browse and then click Appliance.
- Navigate to the certificate, click Select and then click Open.
- In Private Key File Name, select the drop-down box in Browse and then click Appliance. The name of the private key is the same name as the Certificate Signing Request (CSR). The private key is located on NetScaler Gateway in the directory \nsconfig\ssl.
- Choose the private key and then click Open.
- If the certificate is PEM-format, in Password, type the password for the private key.
- If you want to configure notification for when the certificate expires, select Notifies When Expires.
- In Notification Period, type the number of days, click Create and then click Close.

#### 4. To bind the certificate and private key to a virtual server

- After you create and link a certificate and private key pair, bind it to a virtual server.
- In the configuration utility, on the Configuration tab, in the navigation pane, expand NetScaler Gateway and then click Virtual Servers.
- In the details pane, click a virtual server and then click Open.
- On the Certificates tab, under Available, select a certificate, click Add and then click OK.

#### 5. To unbind test certificates from the virtual server

- After you install the signed certificate, unbind any test certificates that are bound to the virtual server. You can unbind test certificates using the configuration utility.
- In the configuration utility, on the Configuration tab, in the navigation pane, expand NetScaler Gateway and then click Virtual Servers.
- In the details pane, click a virtual server and then click Open.
- On the Certificates tab, under Configured, select the test certificate and then click Remove.