

# Step-by-Step SSL Setup Process

## Step-by-Step SSL Setup Process in IIS Server

To Create a New CSR (Certificate Signing Request):

1. Go to the root node (above Application Pools) in IIS Manager.
2. Click on Server Certificates.
3. Click Create Certificate Request.
4. Fill in the Distinguished Name Properties:
  - Common Name = Your domain name (e.g., example.com)
  - Fill other fields like Organization, City, State, Country, etc.
5. In Cryptographic Service Provider Properties:
  - Select RSA
  - Select 2048-bit length
6. File Name:
  - Create a new .txt file and save the encrypted data into it.
  - This file is your CSR, which you'll use in ZeroSSL or another provider.

If You Already Have a Certificate (certificate.crt file):

1. Go to the root node in IIS Manager.
2. Click on Server Certificates.
3. Click Complete Certificate Request.
4. Select the .crt file you received.
5. Enter a friendly name (usually your domain name).
6. Select Personal or Web Hosting certificate store.

## Step-by-Step SSL Setup Process in ZeroSSL

URL: <https://zerossl.com>

1. Create a new account or log in.
2. Go to Certificates > Click New Certificate.

3. Domain: Add your domain name (e.g., example.com).
4. Validity: Choose 90 days (free).
5. Add-ons: Turn all options OFF.
6. CSR & Contact:
  - Turn off "Auto-generate CSR"
  - Turn on "Paste your own CSR"
  - Paste the CSR you generated in IIS.
7. Encryption Algorithm: Select RSA 2048.
8. Click Next / Finalize.
9. Verification: Choose DNS Verification.
  - You'll get a Name and Point to value.
  - Add these as a TXT DNS record in your domain registrar's DNS settings.
10. Once verified, download the ZIP file containing:
  - certificate.crt
  - ca\_bundle.crt
  - private.key (if generated)