

Servers

Windows Server, Mostly

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Windows Servers

Install SSL Certificate on IIS hosted site

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How to Generate a CSR for Microsoft IIS 7

The following instructions will guide you through the CSR generation process on Microsoft IIS 7. To learn more about CSRs and the importance of your private key, reference our [Overview of Certificate Signing Request](#) article. If you already generated the CSR and received your trusted SSL certificate, reference our [SSL Installation Instructions](#) and disregard the steps below.

1. Open Internet Information Services (IIS) Manager

Click **Start, Control Panel, Administrative Tools**, and then select **Internet Information Services (IIS) Manager**.

2. Select the server where you want to generate the certificate

In the left **Connections** menu, select the **server name** (host) where you want to generate the request.

3. Navigate to Server Certificates

In the center menu, click the **Server Certificates** icon under the **Security** section near the bottom.

MS IIS7 Step3
Image not found or type unknown

4. Select Create a New Certificate

In the right **Actions** menu, click **Create Certificate Request**.

MS IIS7 Step4
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5. Enter your CSR details

In the **Distinguished Name Properties** window, enter in the required **CSR details** and then click **Next**.

Note: To avoid common mistakes when filling out your CSR details, reference our [Overview of Certificate Signing Request](#) article.

6. Select a cryptographic service provider and bit length

In the **Cryptographic Service Provider Properties** window, select **Microsoft RSA SChannel Cryptographic Provider** and **Bit Length** of **2048**, then click **Next**.

MS-IIS7 Step6
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Note: Bit Length: 2048 is the current industry standard. You may choose a larger key size, but only if you have a requirement to do so, as longer key lengths increase latency and may reduce compatibility.

7. Save the CSR

Click **Browse** to specify the location where you want to save the CSR as a “.txt” file and click **Finish**.

MS-IIS7 Step7
Image not displayed for type unknown

8. Generate the order

Locate and open the newly created CSR from the specified location you choose in a text editor such as Notepad and copy all the text including:

```
-----BEGIN CERTIFICATE REQUEST-----  
And  
-----END CERTIFICATE REQUEST-----
```

MS-IIS7 Step8
Image not displayed for type unknown

Return to the **Generation Form** on our website and paste the entire CSR into the blank text box and continue with completing the generation process.

Upon generating your CSR, your order will enter the validation process with the issuing Certificate Authority (CA) and require the certificate requester to complete some form of validation depending on the certificate purchased. For information regarding the different levels of the validation process and how to satisfy the industry requirements, reference our [validation articles](#).

After you complete the validation process and receive the trusted SSL Certificate from the issuing Certificate Authority (CA), proceed with the next step using our [SSL Installation Instructions for Microsoft IIS 7](#).

Manually install an SSL certificate on my IIS 7 server

After your [certificate request](#) is approved, you can [download your certificate](#) from the SSL manager and install it on your IIS 7 server.

Copy your certificate files onto the server

1. Find the directory on your server where certificate and key files are stored, then upload your intermediate certificate (`gd_iis_intermediates.p7b` or similar) and primary certificate (`.crt` file with randomized name) into that folder.

Add a Certificate Snap-in to the Microsoft Management Console (MMC)

2. Click on your **Start Menu**, then click **Run**.
3. In the prompt, type **mmc** and click **OK**.
4. Click **File**, then click **Add/Remove Snap-in**.
5. On the new window, click the **Add** button.
6. On the new window, select **Certificates** and click **Add**.
7. Select **Computer account** for the snap-in and click **Next**.
8. Click **Local computer** and click **Finish**.
9. Click **Close** on the **Add Standalone Snap-in** window.
10. Click **OK** on the **Add/Remove Snap-in** window.

Import the Intermediate SSL Certificate

11. In the MCC Console, click ► to expand **Certificates (Local Computer)**.
12. Right click on the **Intermediate Certification Authorities** folder, hover over **All Tasks** and click **Import**.
13. On the new window, click **Next**.
14. Click **Browse**, find your previously uploaded intermediate certificate file and click **Open**.
15. Click **Next**, verify that the certificate information is proper and click **Finish**.
16. Close the **the import was successful** notification.

Install your SSL certificate

17. Click on your **Start Menu**, then click **Run**.

18. In the prompt, type **inetmgr** and click **OK** to launch the Internet Information Services (IIS) Manager.
19. Under the **Connections** panel on the left, click on your **Server Name**.
20. In the main panel under the **IIS** section, double click on **Server Certificates**.
21. Under the **Actions** panel on the right, click **Complete Certificate Request**.
22. On the new window, click **...** to browse, find your previously uploaded primary certificate file and click **Open**.
23. Add a **Friendly name** to easily identify this certificate in the future.
24. Click **OK**.

Bind the SSL certificate

25. Under the **Connections** panel on the left, click ► to expand the **Sites** folder.
26. Click the **Site Name** that you plan to install the SSL certificate onto.
27. Under the **Actions** panel on the right, find the **Edit Site** section and click **Bindings**.
28. On the new window, click **Add** and fill out the following information:
 - **Type:** select **https**.
 - **IP Address:** select **All Unassigned**.
 - **Port:** type in **443**.
 - **Host name:** leave this empty.
 - **SSL Certificate:** select your recently installed SSL.
 - Click **OK** to confirm, then **Close** for the **Site Bindings** window.

Restart IIS

30. Under the **Actions** panel on the right, find the **Manage Website** section and click **Restart**.

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