OpenSSL Installation Guide (Windows only)

Step 1 – Download OpenSSL Binary

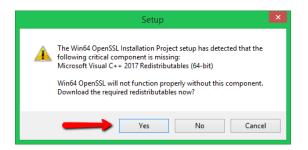
From this list provided by <u>OpenSSL's Wiki page</u>, download the latest OpenSSL windows installer file from <u>here</u>.

Scroll down until you find the section similar to the screenshot below. We recommend downloading the EXE file.

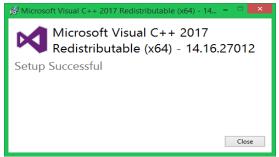
File	Туре	Description
Win64 OpenSSL v1.1.1g Light EXE <u>MSI</u>	3MB Installer	Installs the most commonly used essentials of Win64 OpenSSL v1.1.1g of Windows. Note that this is a default build of OpenSSL and is subject installation.
Win64 OpenSSL v1.1.1g EXE <u>MSI</u>	63MB Installer	Installs Win64 OpenSSL v1.1.1g (Recommended for software develope this is a default build of OpenSSL and is subject to local and state laws
Win32 OpenSSL VI.I.Ig Light EXE <u>MSI</u>	3MB Installer	Installs the most commonly used essentials of Win32 OpenSSL v1.1.1 build of OpenSSL and is subject to local and state laws. More informat

Step 2 - Run OpenSSL Installer

Once downloaded, double click on the OpenSSL .exe file. The installation requires Microsoft Visual C++ component installed as well. If your computer doesn't have Microsoft Visual C++ installed, the installer will display the following message:



Click **Yes** to download and install the required Microsoft Visual C++ package.



Next, rerun the OpenSSL installer and follow the installation wizard.

P/s: Note down the destination location/folder of the OpenSSL program. (e.g. C:\Program Files\OpenSSL-Win64)

🕼 Setup - OpenSSL 1.1.1g (64-bit)	-		×	
Select Destination Location Where should OpenSSL (64-bit) be installed?				
Estup will install OpenSSL (64-bit) into the following folder.				
To continue, dick Next. If you would like to select a different folder, dick Browse.				
C:\Program Files\OpenSSL-Win64 Browse				
At least 273.5 MB of free disk space is required.				
< Back Nex	t >	Ca	ncel	

Step 3 – Setup Environment Variables

Once the installation completed:

- 1. Set Environment Variables:
 - a. Open System Properties > Advanced > Environment Variables
 - b. Under System variables, click **New** then input the following as shown in the screenshot

Edit System Variable		×
Variable name:	OPENSSL_CONF	
Variable value:	C:\Program Files\OpenSSL-Win64\bin\openssl.cfg	
Browse Directory	Browse File	OK Cancel

Variable name: OPENSSL_CONF

Variable value: Destination location/folder (from #Step2) + \bin\openssl.cfg (e.g. *C*:*Program Files\OpenSSL-Win64\bin\openssl.cfg*)

P/s: The variable value is the Path to the OpenSSL program stored on your local computer. It may differ from the screenshot above.

2. Set Path Variable:

- a. Open System Properties > Advanced > Environment Variables
- b. Under System variables, select Path from the list then click **Edit**. (You should come to a pop-up window with a list of directory paths)
- c. Click **New** and input the directory path to the OpenSSL bin folder. An example is shown in the screenshot below.

C:\Program Files\OpenSSL-Win64\bin		
	ОК	Cancel

P/s: Your Path may differ from the screenshot above.

Step 4 – Ensure that OpenSSL is installed on your computer.

- 1. Start the Command Prompt.
- 2. Execute "openssl version" in your Command Prompt.
- 3. You should see the version number and the release date.

C:\Users	s\ >	openssl	version
OpenSSL	1.1.1g	21 Apr	2020

Congratulations you have now successfully installed OpenSSL on your computer.