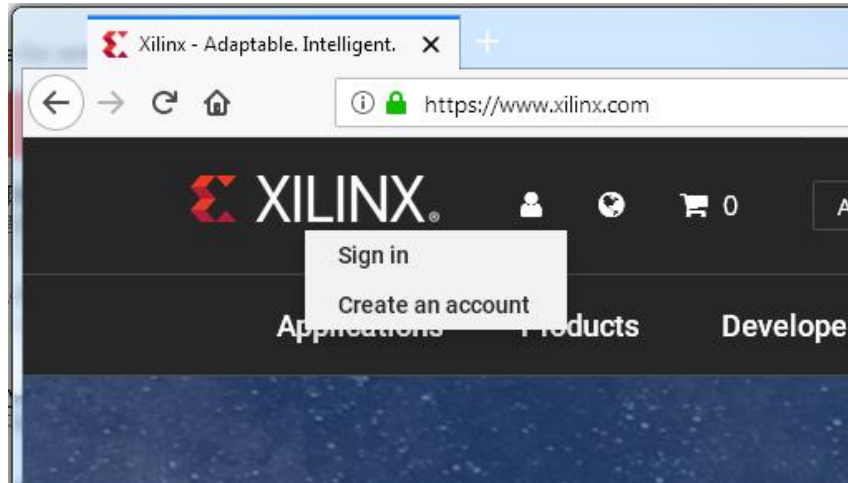
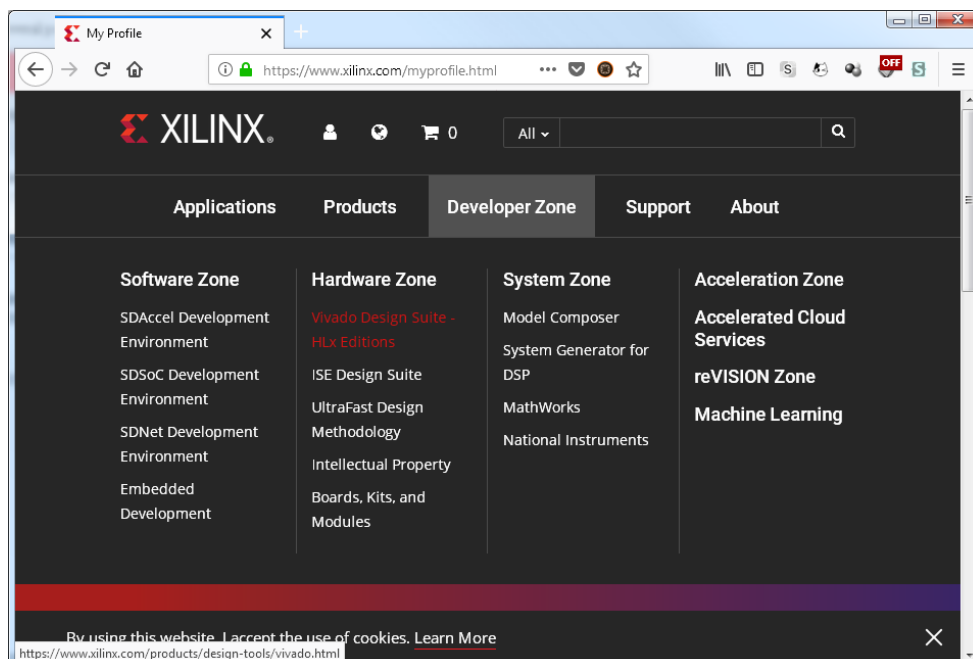


How to install Vivado WebPACK on a Windows computer

1. First of all, you need a Xilinx account before you can do anything.
 - a) Go to <https://www.xilinx.com> and create an account. You can click on the User icon in the navigation bar and click “Create an account” as shown in the screenshot.



- b) Register the account as you would on any other websites. It would require you to enter a corporate E-mail. You may use your PSU email account, but any email account would work for our purpose.
 - c) You would receive an email tell you to activate the account. Simply click the link in the email.
 - d) Don't forget to sign in into the site after activation.
2. Now you may download the Vivado software. Here is how.
 - a) Find the “Vivado Design Suite – HLx Editions” in the “Developer Zone” as shown below:






Alternatively, you may use this link: <https://www.xilinx.com/products/design-tools/vivado.html>

- b) Click on the first option – “Download Vivado Design Suite – HLx Editions”.

Vivado Design Suite - HLx Editions

Productivity. Multiplied.

 Download Vivado Design Suite - HLx Editions
 30-day Vivado Design Suite Evaluation
 Documentation Navigator Standalone

- c) As the date I am writing this, the latest version they are offering is 2018.2. In the page you may find many downloads. Please find the item that says “Full Product Download” rather than “Update”

Version

- 2018.2**
- [2018.1](#)
- [2017.4](#)
- [Archive](#)

Vivado Design Suite - HLx Editions: Update 1 - 2018.2

Important

Vivado Design Suite 2018.2.1 is now available with support for

Production Devices

- Zynq UltraScale+ MPSoC (-3) Devices
 - XCZU4EG/EV, XCZU5EG/EV, XCZU6EG, XCZU7EG/EV, XCZU9EG
- Kintex UltraScale+ FPGA (-3) Devices: - XCKU9P
- Zynq UltraScale+ RFSoC (-1L, -2LI) Devices:
 - XCZU21DR, XCZU25DR, XCZU27DR, XCZU28DR, XCZU29DR
- Spartan-7 Devices:
 - Spartan-7: XC7S75(-1Q), XA7S75 (-1,-2,-1Q), XC7S100(-1Q), XA7S100 (-1,-2 -1Q) , XA7S6(-1, -2, -1Q), XA7S15(-1, -2, -1Q)

Download Includes

Vivado Design Suite HLx Editions (All Editions)

Last Updated

Aug 1, 2018

Answers

[2018.2.1 - Vivado Known Issues](#)

Vivado Design Suite - HLx Editions - 2018.2 Full Product Installation

Important

We strongly recommend to use the web installers as it reduces download time and saves significant disk space.

Please see [Installer Information](#) for details.

Note: Download verification is only supported with Google Chrome and

Download Includes

Vivado Design Suite HLx Editions (All Editions)

Download Type

Full Product Installation

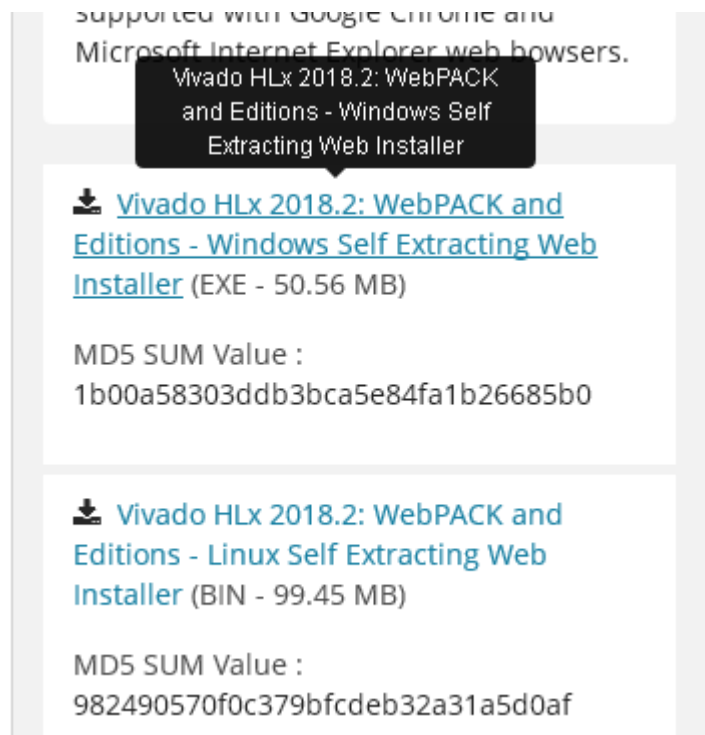
Last Updated

Jun 18, 2018

Answers

[2018.x - Vivado](#)

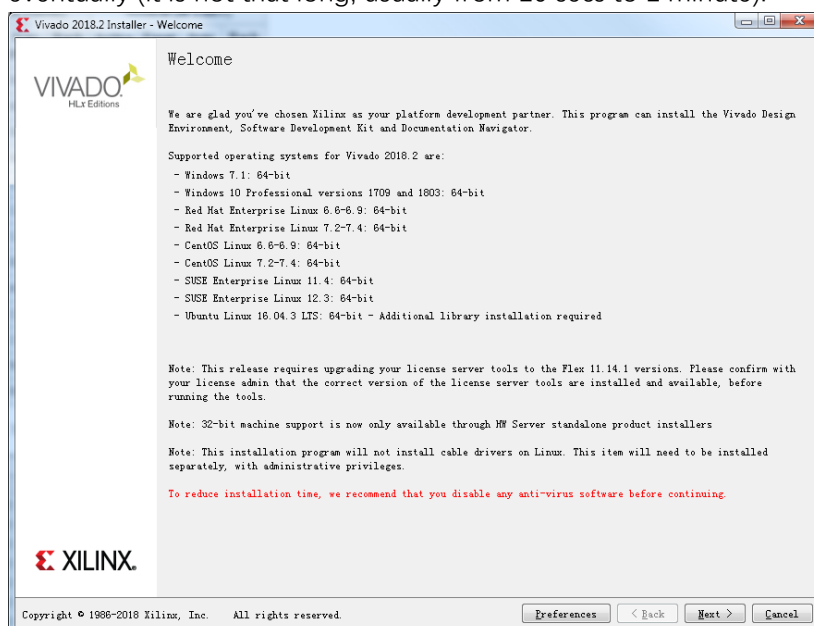
- d) Scroll down you can find a download called “Vivado HLx 2018.2: WebPACK and Editions – Windows Self Extracting Web Installer “, click on that. (If you are downloading a newer version, download the installer accordingly).



Alternatively, you may use this link for 2018.2:

https://www.xilinx.com/member/forms/download/xef.html?filename=Xilinx_Vivado_SDK_Web_2018.2_0614_1954_Win64.exe

- e) You would be asked to enter many information in order to download the software. Click 'Next' after you have finished answering these questions. I used 'Penn State University' as my company, but it's your choice what to enter.
 - f) Your file should start downloading.
3. Installing the Vivado
 - a) Run the file you have just downloaded. It would take a while before you see the main install wizard. Please wait patiently. You should see this window pop up eventually (it is not that long, usually from 10 secs to 1 minute).



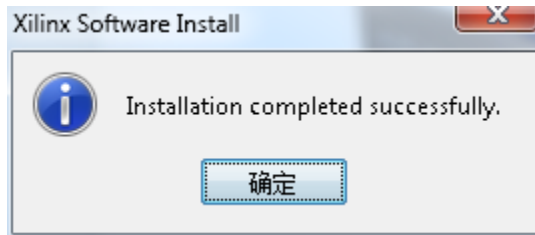
- b) In the following step, you would be asked to enter the User ID and Password. Use the account you have registered in Step 1.
- c) Read the license and choose 'I Agree'. If you do not agree to the license of this software, you may need to drop this course.
- d) Be sure to select Vivado HL **WebPACK** version! This is the free version, means you do not need to pay to use this software. It has limited function but should be sufficient for this course.



- e) Under module selection, default choices are fine. You may uncheck SDK, UltraScale, UltraScale+ support to save some disk space, they would not likely be used in this course. But surely you can install them.
- f) Note it would take a huge amount of disk space. You may change the path where it will install to in this step. If there is no enough space left on the disk, you would have to make some room for it.
- g) Wait for it to install. Depending on your Internet connection quality, it may take anything from 5 minutes to infinity.



- h) You are done.



4. If and only if you are trying to install Vivado HL WebPACK 2015 or earlier, or ISE WebPACK, you would need to obtain and install the WebPACK license manually. Note again: This step is **NOT** required for latest version of Vivado.

a) Go to https://www.xilinx.com/support/licensing_solution_center.html

You may be asked to enter some information just like in Step 2.

b) Select the license you would like to generate. Click generate Node-Locked License.

Create a New License File

Create a new license file by making your product selections from the table below. ?

Certificate Based Licenses

	Product	Type	License	Available Seats	Status	Subscription End Date
<input type="checkbox"/>	Model Composer : 90-day Evaluation License	Certificate - Evaluation	Node	1/1	Current	90 days
<input type="checkbox"/>	Vivado Design Suite: 30-Day Evaluation License	Certificate - Evaluation	Node	1/1	Current	30 days
<input type="checkbox"/>	SDSoC Environment, 60 Day Evaluation License	Certificate - Evaluation	Node	1/1	Current	60 days
<input checked="" type="checkbox"/>	Vivado Design Suite: HL WebPACK 2015 and Earlier License	Certificate - No Charge	Node	1/1	Current	None
<input checked="" type="checkbox"/>	ISE WebPACK License	Certificate - No Charge	Node	1/1	Current	None
<input type="checkbox"/>	Xilinx MicroBlaze/All Programmable SoC Software Development Kit – Standalone	Certificate - No Charge	Node	1/1	Current	None
<input type="checkbox"/>	PetaLinux Tools License	Certificate - Evaluation	Node	1/1	Current	365 days
<input type="checkbox"/>	Vivado HLS Evaluation License	Certificate - Evaluation	Node	1/1	Current	30 days

Generate Node-Locked License

c) After that, click the Manage Licenses in the same page. Select the License you have just created, click the download button.



d) Find and open Manage Xilinx Licenses in the start menu. Use 'Load License' to install the license. Similar things can be also done in ISE.

