

## VMWare Download and Installation

1. First login to the GMU Volgenau School VMWare OnTheHub portal:  
<https://e5.onthehub.com/WebStore/Security/SignIn.aspx?ws=57245579-6f24-de11-a497-0030485a8df0>
  - If you haven't registered yet, click **Register** in the top right.
  - If you've already Registered, **login with your username@gmu.edu**.  
NOTE: Your password is NOT your GMU email password. If you don't know your password, click "Forgot Username or Password."
  - NOTE: Only GMU students that are registered for a VSE course in the CURRENT semester (and the VSE course has software requirements fulfilled by Onthehub) receive access to VMWare. If this is for a class in a different School (e.g., School of Business), you'll need to reach out to them.
2. Download the newest version of **VMWare Fusion Pro** available. The most recent version as of the creation of this document is **VMWare Fusion 12 Pro**. There may be a newer version available to you.
3. Click **Add to Cart**, and then **Check Out**.
4. There will be a **Serial Number**. You should copy this and save it somewhere.
5. There will be a date listing when the license key expires. When it does, just return to OntheHub, check out a new version of the same software, and get a new key.
6. If there is a newer version (for example Fusion 12.5) when you return, download the newer version and upgrade your Fusion install.
7. Click on the **Download** button to download the .dmg installation package. The name of the file typically looks something like 'VMware-Fusion-12.0.0-16880131.dmg'.
8. To install, double click on the downloaded .dmg file (usually in your Downloads folder) and install the package.
9. Post installation, Go to System Preferences -> Security and Privacy -> General, and Allow VMWare to make necessary changes to the Computer. This is necessary to allow another operating system to run within MacOS.
10. VMWare Fusion is now installed.

## Windows 10 Download and Installation

1. To download Windows 10, use the Azure portal: <https://azureforeducation.microsoft.com/devtools>
2. Login using your NETID@gmu.edu as the username (NOT your NETID@masonlive.gmu.edu) and your PatriotWeb password. You may be prompted with a checkbox to confirm eligibility as a student.
3. Click on the **Software** link on the left and search for **Windows 10**. A lot of choices will come up. As of the creation of this document, the most current version is **Windows 10 Education version 20H2 DVD**. NOTE: There may be a more recent version available to you. Click on the version you want, and then either **Download** to download the installation file, or **View Key** to get the activation key you will use to activate Windows during install. You should copy this key and save it somewhere.
4. Open VMWare, click on the '+' Icon in the top-left, and click on **New Image**. A pop-up will appear, click **Select Image**, and select the Windows 10 .iso file you downloaded from Azure.
5. Click on the Play button, and the Windows 10 installer will load in VMWare. Follow the steps, clicking on Setup New Windows, and enter the Key when prompted.
6. During install, when prompted to **Sign in with Microsoft**, click **Domain join instead**.
7. It will take about 20 minutes to complete the installation.
8. Once done, proceed with installing any required software within your Windows 10 VM.
9. When you are not using the Windows 10 VM, you should Shut it down from within Fusion, so that it's not using your computer's resources. Just Start it again when you need it.

**If you have any issues, there are many resources to be found on the internet detailing how to setup a Windows 10 VM in VMWare Fusion, as well as how to do deal with common errors.**