

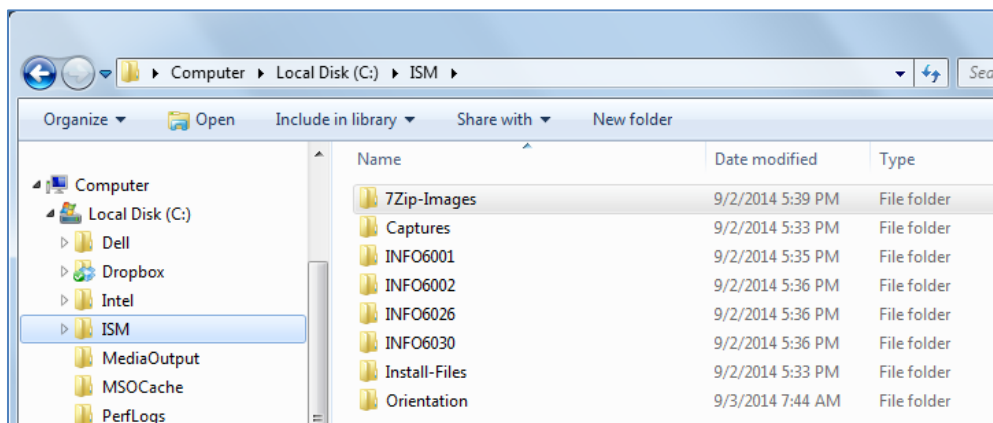
INFO6003 Setup – VMware Workstation

Objectives

1. Set up directory structure on Host laptop to contain VM/Lab files for specific classes
2. Download and Install VMware Workstation 15.0.0 (configured for no updates)
3. Set up directory structure within Workstation to match the directory structure on Host
4. Download, extract and power on VMs

Set Up Host Directory Structure

1. Open a file explorer and navigate to the C: drive
2. Create a new folder called ISM (C:\ISM)
3. Within the ISM folder create more folders with the following names
 - Orientation (VMs that we will use for the orientation week)
 - Install-Files (Assorted install files that will be used repeatedly)
 - 7Zip-Images (The compressed VM Images)
 - Captures (Folder to hold your screen captures for labs)
 - INFO6001 (Course specific VMs)
 - INFO6002 (Course specific VMs)
 - INFO6026 (Course specific VMs)
 - INFO6003 (Course specific VMs)



Download VMware Workstation 15.0.0

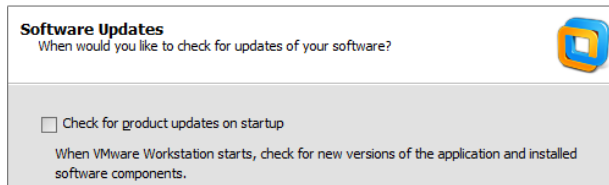
The next step is to download the VMware Workstation install file and installation key from the College's FTP server.

1. Connect your laptop to the network through the network port at the front of your row
 - a. You will need your network cable to accomplish this
2. Open your browser and navigate to the Drop Box
https://www.dropbox.com/sh/8umbob1I2yhlfpw/AADMxTc03gE2_XHrZPLRzMRSa?dl=0
3. Navigate to the **VMWare\Workstation-15** folder and download the install file and copy the installation key
 - a. Click on **VMware-workstation-full-15.0.0.exe** to initiate download
 - b. Click on **Serial.txt** and copy the Installation Key
4. Move the VMware-workstation-full-15.0.0.exe from the downloads folder to the **C:\ISM\Install-Files** folder
5. Create a new text document called **VMware-Install-Key** and paste the Install key into the file (save this file in the same folder as the install program)

Install VMware Workstation

You need to pay close attention to the install instructions. There is one point where you need to **disable updates**.

1. Run the installer
2. Accept the license agreement
3. Choose the typical install
4. Leave the default directory
5. **Uncheck the box to check for product updates on start-up**

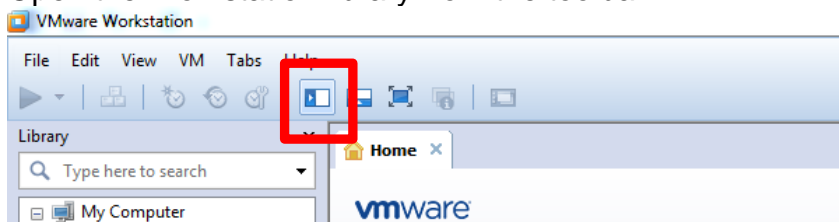


6. Uncheck the box to share usage information
7. Leave the default shortcuts
8. Click continue to start the install
9. Paste in the license key when prompted (CTRL-V)
10. Click Finish

Set Up Directory Structure Within VMware

Now we are going to match our class specific directory structure within Workstation. This will make finding the right VM for each class much easier.

1. Open the Workstation library from the toolbar



2. Right click on My Computer and choose to create a new folder. You will do this for all your classes that use VMs. Example Folders:

INFO6001
INFO6002
INFO6026
INFO6003

Download 7Zip-Images for Orientation Week

You will need to following files today: (Either download them to the **C:\ISM\7Zip-Images** folder, or copy them into that folder once the downloads are finished)

- **WinXP Hacker.7z**
- **Win7.7z**
- **Ubuntu-Srv.7z**
- **S2008R2.7z**

(These are seven zip archives that contain the VMware Workstation files that describe each VM)

To decompress the files in the archives we will use a free tool called **7-Zip**. The install file is located on the FTP server you used earlier, in the Semester1 folder: (Either download it to the **C:\ISM\Install-Files** folder, or copy it into that folder once the download is finished)

- **7z920-x64.msi**

Run the installer with all the defaults.

Now that we have the tool installed we can decompress the three VMs we will be using this week.

Go to your **7Zip-Images** folder and right click on the first VM. You should have a 7-Zip option. Within 7-Zip you will have the option to **Extract files...** We will always use this option. It allows you to choose the folder you want to extract the VM files to.

Extract your three VMs into the **Orientation folder**. This will take a while depending on the speed of your hard drive.

Once your VMs have finished extracting you can go to Workstation and open each VM by choosing **File, Open, Navigating to your Orientation Folder, and choosing the .vmx files one at a time**. This will open the VMs in Workstation.

Before you power the VMs on, drag them into the **Orientation folder (within Workstations logical folder structure)**

The final steps for this session is to power on all three VMs and confirm your computer is capable of running them.

Confirm the following with a Professor:

- **You have created the right directory structures: both on your hard drive and in Workstation**
- **You downloaded the files to the appropriate directories**
- **You placed the VMs in the Orientation folder within Workstation**
- **You can power on all three VMs**