

Hands-On Virtual Computing

Activity Updates

September 2015

Chapter 1

Comparing and Downloading Virtualization Products

Activity 1-1: Checking for Hardware Virtualization Support

Perform the steps of Activity 1-1 as written.

Activity 1-2: Downloading VMware Workstation 12

Note: VMware no longer provides an evaluation version of VMware Workstation 6.5. If your school does not have a license for VMware, you will need to have students perform the following modified activity to download VMware Workstation 12.

Time Required: 15 minutes

Objective: Download VMware Workstation 12

Description: In this activity, you download VMware Workstation 12 for Windows.

1. If necessary, log on to your host computer, start your Web browser, go to www.vmware.com and click the **Products** link.
2. Scroll down to view all the trial product category headings and product options. Notice the number of products under the Data Center Virtualization and Cloud Management headings.
3. Under the Personal Desktop heading, click the VMware Pro link and read about the new VMware Workstation features. Click the **Try for Free** button to display the Download VMware Workstation Pro Trial page.
4. Click the **Download Now** button to the right of the VMware Workstation 12 Pro for Windows 64-bit heading.
5. Click the pull down arrow on the Save button and click Save as.
6. Navigate to the folder you created in Activity 1-1 and click New Folder to create a folder named VMware Products.
7. Open the VMware Products folder and click the Save button to download the file.
8. When the download is complete, return to the Evaluate VMware Products page.
9. Scroll down to the bottom of the page and follow the steps to download each of the products under the Download Free Products section. Record the products you download below:
10. When you're finished downloading the files, click the My VMware link in the upper right of the page.
11. Notice that this page contains a **Register** button that allows you to create a My VMware account. You can use the My VMware account to download other trial software versions, take online VMware Educational course, and view video links on VMware products.
12. You can leave your browser open for the next activity.

Activity 1-3: Downloading VMware Server 2.0

Note: The VMware Server product is no longer supported; however you can still download it by having students perform the modified activity shown below.

Time Required: 15 minutes

Objective: Download VMware Server 2.0.

Description: VMWare Server has been officially released by VMWare as freeware and available for public download. VMWare Server, previously known as VMWare GSX Server is a server virtualization software for Windows and Linux platform that can be installed on any existing server or PC hardware to create and partition a physical server into multiple virtual server machines or virtual computers by sharing and abstracting processor, memory, storage and networking resources. Follow these steps to download VMware Server 2.0 and get a serial number: There are a number of sites that allow downloading VMware Server 2.0. The following steps use FileHippo as the download provider.

1. If necessary, start your Web browser.
2. To download the VMware Server 2.02 for Windows and go to http://filehippo.com/download_vmware_server
3. Click Download Latest Version and then click Save As and navigate to the VMware Products folder you created in activity 1-2. Click Continue to start the download process.
4. If you do not plan to install VMware Server 2.02 on Linux continue skip to step 7.
5. To download the VMware Server 2.02 for Linux you may go to http://download.cnet.com/VMware-Server-for-Linux-64-bit/3000-2094_4-75221715.html and click on the Download Now link.
6. Click the Save As option and save the Tar.gz file in the folder you created.
7. When you're finished downloading the file, close all open windows but your Web browser.

Activity 1-4: Downloading Microsoft Virtual PC 2007

Time Required: 15 minutes

Objective: Download Virtual PC 2007.

Description: Note that Virtual PC 2007 includes SP1 built into its installation file. Follow these steps to download the installation file:

1. If necessary, start your Web browser, and then go to **<http://www.microsoft.com/en-us/download/details.aspx?id=24439>**
2. Click on the **Download** button link.
3. Click the download check box next to the 64-bit version, and then click **Next**. Select the **Save As** and then save the self-extracting file in the Downloads folder you created in Activity 1-1.
4. Close all open windows but your Web browser.

Activity 1-5: Downloading Virtual Server 2005

Microsoft Virtual Server is not supported on Windows 7 and we recommend skipping Chapter 5.

Acquiring Windows Server 2008 R2

Note: The book contains several hands-on activities that have the student install Windows Server 2008 into a virtual machine. Follow the steps below to acquire a copy of the Windows Server 2008 R2 installation ISO file. You may wish to place a copy of this file on a classroom server rather than having each student perform the download process. Downloading the server installation file requires you to log in using a valid Windows Live account.

Go to the following URL:

<https://www.microsoft.com/en-US/download/details.aspx?id=11093>

and follow the instructions to download Windows Server 2008 R2.

Note: Students can use the ISO file to install Server 2008 without entering a product key. Activating Windows Server 2008 R2 without a license key provides a 180 day trial period.