

Chapter 3

Working with VMware Server

While the VMware Server 2.0 product is currently not supported, it is still available on the VMware Web site and the installation and functions have not changed since the book was written. As a result the only changes necessary to the activities are the changes necessary are the installation steps for Windows Server 2008 R2 in activity 3-7.

Activity 3-1: Performing a Manual Installation of VMware Server 2.0

Perform the steps of Activity 3-1 as written.

Activity 3-2: Installing VMware Server 2.0 on Ubuntu Linux

This is an optional activity and may be skipped if students do not have a workstation that can dual boot to Linux. Students will also need to obtain a copy of the Linux version of VMware Server 2.0 as described in Activity 1-3.

Activity 3-3: Creating a Windows Server 2008 Virtual Machine

Perform the steps of Activity 3-3 as written.

Activity 3-4: Creating an Ubuntu Linux Virtual Machine

Perform the steps of Activity 3-4 as written.

Activity 3-5: Working with VI Web Access menus

Perform the steps of Activity 3-5 as written.

Activity 3-6: Adding or Removing Virtual Machines

Perform the steps of Activity 3-6 as written.

Activity 3-7: Installing Windows Server 2008 as a Guest OS

Time Required: 30 minutes

Objectives: Install Windows Server 2008 R2 as a guest OS.

Requirements: Completion of Activity 3-3. The Windows Server 2008 R2 installation ISO file (Trial version).

Description: Superior Technical College is looking into using Windows Server 2008 on virtual machines and wants your company do the installation for them. In this activity, you install Windows Server 2008 on the virtual machine you created in Activity 3-3.

1. Log on to the VI Web Access console, if necessary
2. To create a data store, click the **Add Datastore** link in the Commands pane to open the Add Datastore dialog box In the Name text box, type **ISO Files**, and In the Directory Path text box, type the drive letter and path to the folder containing the Windows Server 2008 ISO file. Click **OK**.
3. Click the **Windows Server 2008** virtual machine in the Inventory pane.
4. In the hardware section of the Summary pane, click the **CD/DVD Drive 1** list arrow and click **Edit** to open the CD/DVD Drive dialog box.
5. Click the **ISO Image** option button, and then click the **browse** link. Navigate to and click the **ISO Files** data store, click the Windows Server 2008 R2 ISO filename, and then click **OK** twice.
6. Start the Windows Server 2008 virtual machine, if necessary, by selecting it in the Inventory pane, and then clicking the **Power On** link in the Commands pane.
7. To Install the Remote Console client, click the **Console** tab in the workspace. You see a message informing you that the Remove Console plug-in Is not Installed. Click the **Install plug-in** link.
8. In the File Download - Security Warning dialog box, click the **Run** button. In the VMware Remote Console Plug-in Installation wizard, click the **Install** in the welcome window. When the Installation is completed, click **Next**, and then click **Finish**.
9. Restart the VI Web Access console and log on with your administrative username and password. Click the **Windows Server 2008** virtual machine in the Inventory pane, and click the **Console** tab in the workspace.
10. In the message box stating that the Remote Console plug-In isn't installed, click the **Install plug-In** link again, and then follow the prompts to install the Remote Console plug-in.
11. Click the **Install now** button to display the **Select the operating system you want to install** window. Click the **Windows Server 2008 R2 Enterprise (Full Installation)** option and then click **Next**. (Make sure you don't select the Sever Core version as this will not install the Graphical User Interface.)
12. Review the license terms, click **I accept the license terms** check box, and then click **Next**.
13. In the Which type of Installation do you want? window, click **Custom (advanced)** option to continue window.
14. In the Where do you want to Install Window? window, verify that **Disk 0 Unallocated Space** is selected. It should have the total size from the virtual disk you created in Activity 3-3. Click **Next** to begin the installation process. This typically takes about 15 minutes, with at least one restart.
15. When the installation is complete you will be asked to change password before logging in for the first time. Click **OK** to set the Administrator password. Enter the password in both the new password and Confirm password fields and click the **blue arrow**. (Your password must be at least 8 characters long and contain a combination of numbers and letters.)
16. Click **OK** to confirm the password change and display the Server 2008 desktop and Initial Configuration Tasks window. You can use this window to enter a product key and activate Server 2008 as well as perform a variety of configuration tasks including activating.

17. Click **Close** to close the Initial Configuration Tasks window and return to the desktop.
18. Power off the Windows Server 2008 VM, but you may leave the VI Web Access console open for the next activity.

Activity 3-8: Installing Ubuntu Linux from an ISO File

Perform the steps of Activity 3-8 as written.

Activity 3-9: Installing VMware Tools

Perform the steps of Activity 3-9 as written.

Activity 3-10: Adding a Virtual Hard Disk to a Windows Machine

Perform the steps of Activity 3-10 as written.

Activity 3-11: Working with VMware Server Snapshots

Perform the steps of Activity 3-11 as written.