



Boston Area Windows Server User Group (BAWSUG) www.WindowsBoston.com

LAB 1 Creating the Environment

In this lab we download Windows 2008, install Virtual PC and setup three Windows 2008 Servers on them. I have borrowed contoso.com for our labs from Microsoft and we will create a test environment for ourselves that we can use to test and play with Windows 2008. The machines from these labs should be isolated from the network and you should not connect them to you network at work or home. The labs will likely break the virtual machines and I suggest that you plan on rebuilding your environment several times before you finish with them.

The three servers we will setup and play with

WSUG-DC01 - This will be our domain controller

WSUG-SRV01 – This will be our main test server.

WSUG-SRV02 – Will be our Core server and we will be installing a domain controller.

I hope you learn as much about windows 2008 server as I did while writing these labs. Please note that some of these labs were created using Microsoft supplied materials and as such Microsoft should be given credit for these labs as well.

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Install Virtual PC	
Download Virtual PC from Microsoft	http://www.microsoft.com/windows/products/winfamily/virtualpc/default.aspx Download
Install Virtual PC	<ol style="list-style-type: none"> a. Click on setup.exe b. On the Welcome screen click Next c. On the License Agreement screen – READ the agreement and check I accept and Click Next. d. On the Customer information screen– Click on Next e. On the Ready to Install page click on Install f. When it’s done installing click Finish

Download Windows 2008	
Download Windows 2008 from Microsoft	http://www.microsoft.com/windowsserver2008/en/us/default.aspx http://www.microsoft.com/windowsserver2008/en/us/try-it.aspx Download



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Creating a Windows 2008 in a virtual machine.	
Create a new Virtual machine called WSUG-DC01 with 512meg of ram and a hard drive.	<ol style="list-style-type: none">Choose View from menu and then choose New Virtual Machine.On the welcome screen click Next.Choose create a virtual Machine and click next.Enter WSUG-DC01 and press Save.Choose Windows Vista and press next.On the memory screen. Leave the amount 512meg and click next.On Virtual Hard drive screen choose a New Virtual hard drive and click next.On Virtual Hard location screen, Leave as default and choose next.Click finish on the success screen.

Modify Network settings to Local Only –	
	<ol style="list-style-type: none">Launch Virtual PCSelect target Virtual Machine and click on SettingsSelect NetworkingChoose Local only in the adapter one box.



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Installing a Windows 2008 to a virtual machine.	
<p>Install windows 2008</p> <div data-bbox="184 570 730 1019" style="border: 1px solid black; border-radius: 50%; padding: 20px; text-align: center;"><p>Now would be the time to start two more Virtual Machines. On the third virtual machine choose the CORE installation.</p></div>	<ol style="list-style-type: none">a. Start the virtual machineb. Choose CD-Capture ISO image from the menu bar.c. Choose the ISO of windows 2008 you downloaded previouslyd. Actions->reset to reset your machine and reboot on the CD-Rome. Language and other preferences – click next for the defaultsf. Click the Install NOW buttong. Click Next at the Enter product key – We won't activate these now.h. Choose Windows 2008 Enterprise (full installation) and click "I have selected the edition of Windows that I purchased. Then click Nexti. Click on "I accept the license terms" and click nextj. On type of installation choose customk. Choose disk 0 and choose next

WSUG-SRV01

WSUG-SRV02 – Core installation.