## How to install Virtual Machine in Windows Server 2008 R2

## July 30, 2012

How to install Virtual Machine on Windows Server 2008 R2

1) The Hyper-V has installed already. Click Start -> Administrative Tools -> Hyper-V Manager.

		<b>)</b>	Terminal Services
			Data Sources (ODBC) Event Viewer
Server Manager			Hyper-V Manager iSCSI Initiator Local Security Policy Memory Diagnostics Tool
	Administrator Documents	1 m	Reliability and Performance Monitor Security Configuration Wizard Server Manager
	Computer	2	Services Share and Storage Management
	Control Panel		System Configuration Task Scheduler
	Administrative Tools	1000 - 10000 - 10000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -	Windows Firewall with Advanced Security Windows Server Backup
	Help and Support Run		
▶ All Programs			
Start Search	0 <b>A</b> +		
Start 🚠 💻 🖬 🏉			

2) The Hyper-V Manager has name of user's computer.



3) Click right button on user's computer name, and then select *New – Virtual Machine*.

HVD	er-V Manager			
	HYPER-V-2	Virtual Machines	-	
1.5310	New 🕨	Virtual Machine	State	CPU
	Import Virtual Machine	Hard Disk		
	Hyper-V Settings	Floppy Disk		
	Virtual Network Manager			
	Edit Disk	-		
	Inspect Disk			
	Stop Service			
	Remove Server			
	Refresh			
	View			
	New Window from Here			
3	Help			
		Snapshots		

4) The wizard provides an introduction to "What is the Virtual Machine". – Click Next.

b	New	Virtual	Machine	Wizard
	-			

Before You Begin Specify Name and Location Assign Memory Configure Networking Connect Virtual Hard Disk Installation Options Summary	Begin   This wizard helps you create a virtual machine. You can use virtual machines in place of physical computers for a variety of uses. You can use this wizard to configure the virtual machine now, and you can change the configuration later using Hyper-V Manager. To create a virtual machine, do one of the following: <ul> <li>Olick Finish to create a virtual machine that is configured with default values.</li> <li>Olick Next to create a virtual machine with a custom configuration.</li> <li>Do not show this page again</li> </ul> More about creating virtual machines
	< Previous Next > Finish Cancel

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5) Choose a Virtual Machine's name and the location where this Virtual Machine will be stored. – Click Next.

New Virtual Machine Wiz Specify Nam	ard ne and Location
Before You Begin	Choose a name and location for this virtual machine.
Specify Name and Location Assign Memory Configure Networking Connect Virtual Hard Disk Installation Options Summary	The name is displayed in Hyper-V Manager. We recommend that you use a name that helps you easidentify this virtual machine, such as the name of the guest operating system or workload. Name: Windows Server 2008 R2 You can create a folder or use an existing folder to store the virtual machine. If you don't select a folder, the virtual machine is stored in the default folder configured for this server. Store the virtual machine in a different location
	Location: D: \Virtual Machines \Windows Server 2008 R2\ Browse If you plan to take snapshots of this virtual machine, select a location that has enough free space. Snapshots include virtual machine data and may require a large amount of space.

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Cancel

6) The Virtual Machine needs memory. User can change the memory size after installation (1024MB=1GB, 2048MB=2GB). - Click Next.

< Previous

Next >

Finish

🏚 New Virtual Machine Wiza	ard
Assign Mem	ory
Before You Begin Specify Name and Location Assign Memory Configure Networking Connect Virtual Hard Disk Installation Options Summary	Specify the amount of memory to allocate to this virtual machine. You can specify an amount from 8 MB through 4090 MB. To improve performance, specify more than the minimum amount recommended for the operating system.         Memory:       1024 MB         Image: The virtual machine and the operating system that it will run.         More about determining the memory to assign to a virtual machine, consider how you intend to use the virtual machine and the operating system that it will run.         More about determining the memory to assign to a virtual machine         Image: Construct determining the memory to assign to a virtual machine         Image: Construct determining the memory to assign to a virtual machine         Image: Construct determining the memory to assign to a virtual machine         Image: Construct determining the memory to assign to a virtual machine         Image: Construct determining the memory to assign to a virtual machine         Image: Construct determining the memory to assign to a virtual machine         Image: Construct determining the memory to assign to a virtual machine         Image: Construct determining the memory to assign to a virtual machine         Image: Construct determining the memory to assign to a virtual machine         Image: Construct determining the memory to assign to a virtual machine         Image: Construct determining the memory to assign to a virtual machine         Image: Construct determining the memory to assign to a virtual machine         Image: Construct determining the memory t

7) Network Settings – You could setup the Network to be

- Internal The Virtual Machines configured would not be able to communicate with the host or outside the Virtual network
- External The Virtual Machines configured would be able to communicate with the host, host network and other Virtual Machines configured for External Network.

🔁 New Virtual Machine Wiza	ard					X
Configure N	etworking					
Before You Begin Specify Name and Location	Each new virt virtual netwo	ual machine includes k, or it can remain d	a network adapter lisconnected.	. You can config	ure the network ad	lapter to use a
Assign Memory	Connection:	External			<u> </u>	
Configure Networking	More about o	Not Connected				
Connect Virtual Hard Disk Installation Options Summary		External	< Previous	Next >	Finish	Cancel

8) The virtual machine needs storage space to install an operating system. The operating system will be installed in Virtual Hard Drive (.vhd) at the same location what you set earlier. – Click Next.

New \	/ietual	Machi	ine W	izan
1 new	rincual	Fiaum	ine m	12anu

Before You Begin Specify Name and Location Assign Memory	A virtual machine storage now or o Create a virt	e requires storage configure it later by ual hard disk	so that you can ins y modifying the virt	stall an operating sys tual machine's proper	tem. You can specify th ties.
Configure Networking	Name:	Windows Server	2008 R2.vhd		_
Connect Virtual Hard Disk	Location:	D: \Virtual Machin	nes\Windows Serve	er 2008 R2\	Browse
Installation Options Summary	Size:	100 GB (Max	kimum: 2040 GB)		
	C Use an existi	ng virtual hard disk	5		
	Location:	C: Vusers Public	Documents\Hyper-	V\Virtual Hard Disks\	Browse
	C Attach a virtu	ual hard disk later			
			Praviour	Nevt	Finish Cance

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9) Installation of operation system can be done using a CD/DVD or an ISO file or a network based installation server. Select the appropriate option and click Next.

New Virtual Machine Wizard

Before You Begin Specify Name and Location Assign Memory Configure Networking Connect Virtual Hard Disk	You can install an operating system now if you have access to the later.  C Install an operating system later  Install an operating system from a boot CD/DVD-ROM Media	setup media, or you can install i
Installation Options Summary	Physical CD/DVD drive:     Physical CD/DVD drive:     Image file (.iso):     Install an operating system from a boot floppy disk      Media     With ral floorer disk (.ufd):	Browse
	C Install an operating system from a network-based installation se	erver

10) The screen shows summary about new Virtual Machine. – Click Finish.

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efore You Begin pecify Name and Location sistion Memory	You have successfully completed the New Virtual Machine Wizard. You are about to create the following virtual machine. Description:
Configure Networking Connect Virtual Hard Disk Installation Options	Name:       Windows Server 2008 R2         Memory:       1024 MB         Network:       External         Hard Disk:       D:\Virtual Machines\Windows Server 2008 R2\Windows Ser
	To create the virtual machine and close the wizard, click Finish.

11) Hyper-V Manager will have new Virtual Machine after finish the wizard. Click right button on the Virtual Machine and select Start.

- See more at: http://xyfon.com/tech-tips/install-virtual-machine-windows-server-2008-r2/#sthash.Z8me1CxX.dpuf