OPERATION SYSTEM C3

Ву

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Submitted to:

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1. Server installations

Follow this procedure to install Windows Server 2008:

1. Open virtual box machine and click the "New" and upload the ISO "Server 2008" that you download earlier.



2. Click next until it says finish and wait it to download



 Insert the installation media, and once the Install Windows screen appears, select language preferences and click "Next."



4. Click "Install now" and choose "Windows Server 2008 R2 Enterprise (Full Installation)" before clicking "Next."



5. Click **Install now**. The setup begins.



The installer prompts to select an operation system.



6. Select Windows Server 2008 R2 Enterprise (Full Installation) and click Next.

Operating system	Architecture	Date modified
Windows Server 2008 R2 Standard (Full Installation)	x64	7/14/2009
Windows Server 2008 R2 Standard (Server Core Installation)	x64	7/14/2009
Windows Server 2008 R2 Enterprise Four Installation	x64	7/14/2009
Windows Server 2008 R2 Datacenter (Full Installation)	x64	7/14/2009
Windows Server 2008 R2 Datacenter (Server Core Installation)	x64	7/14/2009
Windows Web Server 2008 R2 (Full Installation)	x64	7/14/2009
Windows Web Server 2008 R2 (Server Core Installation)	x04	7/14/2009
user interface, and it supports all of the server roles.		

The installer prompts to read the license terms.



7. Read the license terms. If you agree to the license terms, select I accept the license terms and click Next.



6. The installer asks you which type of installation. For a new installation, click **Custom (advanced)**.



7. The installer asks for disk location information. Make your selection and click Next.

Name Disk 0 Unallocated Space	Total Size 40.0 GB	40.0 GB
≠p Befresh ⊕ Lead Driver	E	trive options (gdvanced)
		_

8. The installation begins.





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Setup will continue after restarting your computer



9. The installer prompts to change the password. Click **OK**.



10. Enter a new password, re-enter the password to confirm it, and click the right-arrow.





11. After you click **OK** on the confirmation screen, the operating system prepares your desktop.



0	Provide Computer Infor	mation	Specifying computer information
	R Activate Windows	Product ID:	Not activated
	Set time zone	Time Zone:	(UTC-08:00) Pacific Time (US & Canada)
	Configure networking	Local Area Connection:	IPv4 address assigned by DHCP, IPv6 enabled
	Provide computer name and domain	Full Computer Name: Workgroup:	WINJR9CD712UGV WORKGROUP
0	Update This Server		Updating your Windows server
	Enable automatic updating and feedback	Updates: Feedback:	Not configured Windows Error Reporting off Not participating in Customer Experience Improvement Program
	Pownload and install updates	Checked for Updates: Installed Updates:	Never Never
0	Customize This Server		Customizing your server
	R		4

12. The Initial Configuration Tasks window appears by default. Windows Server is now installed. Windows Server prompts for activation information. Enter the Product Key and click Next.

Initial Configurat	ion Tasks	_8×
Per O	Vindows Activation	rver:2008 R2
01	Type your product key The Windows Server 2008 R2 Enterprise product key can be found on the installation disc holder inside the Windows package. Activation will register the product key to this computer.	
I	The product key looks like this: PRODUCT KEY: XXXXX XXXXX XXXXX XXXXX XXXXXX	
0	Where do I find my Windows product key?	.
	Product Key:	m _
0	What is activation? Read the privacy statement online	
Γ	Next Cancel	
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Initial Configurat	Inn Jasks. Windows Activation	X
Per G	Windows Activation	erver 2008 82

-	Windows Activation		×
Per	Windows Activation		erver 2008 82
0	Activating Windows	R	
	The product key is being verified.		-
	This might take a few minutes.		
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A Start	s 🛛 📇 👔 🏊		* [12:08 PM
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1.1 settings with proper setup requirements

1. Navigate to "Control Panel" > "Network and Sharing Center." > Click on "Change adapter settings." > Right-click on the network adapter and select "Properties."



2. Choose "Internet Protocol Version 4 (TCP/IPv4)" and click "Properties."

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3. Select "Use the following IP address" and provide a static IP, subnet mask, and default gateway. > Enter preferred and alternate DNS server addresses.

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OK Caroli	Validate settings upon exitAdvanced
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4. Next, Right-click on "Computer" on the desktop or in the Start menu.

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File Machine View Input Devices Help	File Machine View Input Devices	Help	
negde Bn	Recycle Bin		
	Command Prompt		
	C Internet Explorer	Administrator	
		Documents	
		Computer	
		Network	
		Control Panel	
		Devices and Printers	
		Administrative Tools +	
		Help and Support	
		Run	
	All Programs		
	Search programs and files	Log off +	
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5. Select "Properties."



6. Under "Computer name, domain, and workgroup settings," click on "Change settings."



7. In the "System Properties" window, click the "Change" button.



8. Enter a unique name for your server under "Computer name." > Click "OK" to apply the changes and restart your computer and you are all set!



2. active directory

1. Start the Server Manager console (type **servermanager.msc** in the search box and press Enter or click Start -> Administrative tools -> Server Manager). Select Roles from the left pane and then click Add roles:



2. Select Active Directory



3. If you see the following prompt, click Add required features



4. Click Next, Next again, and then the Install button

Add Roles Wizard	×
Confirm Installa	tion Selections
Before You Begin Server Roles Active Directory Domain Services	To install the following roles, role services, or features, click Install. () 2 informational messages below
Confirmation	(i) This server might need to be restarted after the installation completes.
Progress	Active Directory Domain Services
Results	After you instal the AD DS role, use the Active Directory Domain Services Instalation Wizard (dsprome.exe) to make the server a fully functional domain controller. JHET Framework 3.5.1 Features
	Print, e-mail, or save this information
	< <u>Previous</u> <u>Ijext></u> Instal Cancel

5. Wait for the installation to finish and click the Close button

dd Roles Wizard	lts	
Before You Begin Server Roles Active Directory Domain Services	The following roles, role services, or features we	re installed successfully:
Confirmation	Active Directory Domain Services	Installation succeeded
Progress Results	The following role services were installed: Active Directory Domain Controller (i) Use the Active Directory Domain Services fully functional domain controller. Close this wizard and launch the Active Direct	Installation Wizard (dcpromo.exe) to make the server a ory Domain Services Installation Wizard (dcpromo.exe).
	.NET Framework 3.5.1 Features	Installation succeeded
	The following features were installed: JIET Framework 3.5.1	
	Print, e-mail, or save the installation report	
	< Pri	evious Next > Close Cancel

2.1 installing domain controller

2.2. install the DNS

1.Reboot the server. Once Active Directory Domain Service is successfully installed, you should see it under Roles in the Server Manager console. Note the message under Active Directory Domain Services "This server is not yet running as a domain controller" and click the link that follows the message in order to start the installation wizard (dcpromo.exe).



2. Once the Installation Wizard starts, click Next



3. Click on Next again



When installing a new domain Controller, select Create mew domain in a new forest and click Next



4. Type in the fully qualified domain name (FQDN) and click Next



5. Under Forest functional level select Windows Server 2008 R2 or Windows Server 2008 (you can learn more about the available features by flowing <u>this link</u>).



6. Click Next, then Next again. If you have already installed the DNS Server service, the DNS server option will be grayed out, if not, select it and click Next. If you see a popup message to create manually a delegation to the DNS server, click Yes.

ditional Domain Controller Options		
Select additional options for this domain cor	troller.	
☑ DNS server		
🔽 Global catalog		
Eead-only domain controller (RODC)		
Additional information:		
The first domain controller in a forest must	be a global catalog server and	=
The first domain controller in a forest must cannot be an RODC.	be a global catalog server and	
The first domain controller in a forest must cannot be an RODC. More about <u>additional domain controller op</u>	be a global catalog server and	<u>×</u>
The first domain controller in a forest must cannot be an RODC. More about <u>additional domain controller op</u>	be a global catalog server and	1

7. Next, choose the Database, Log files, and SYSVOL folders.

Specify the folders that will contain the Ar database, log files, and SYSVOL.	ctive Directory domai	n controller
For better performance and recoverability volumes.	, store the database	and log files on separate
Database folder:		
C:\Windows\NTDS		Browse
Log files folder:		
C:\Windows\NTDS		Browse
SYSVOL folder:		
C:\Windows\SYSVOL		Browse
More about <u>placing Active Directory Dom</u>	<u>ain Services files</u>	

8. Choose a strong password, confirm it, and click Next, then Next again.

irectory Services Resto	re Mode Administrator Password
The Directory Services R Administrator account.	estore Mode Administrator account is different from the domain
Assign a password for the controller is started in Dire choose a strong password	Administrator account that will be used when this domain ctory Services Restore Mode. We recommend that you d.
<u>P</u> assword:	•••••
Confirm password:	•••••
Hole about <u>Directory Ser</u>	

9. Wait for the installation to complete and click the Finish button.



10. Reboot the server