# COC3

## *SET-UP COMPUTER SERVER*

# WINDOWS SERVER(Network OS)

- Configuration
  - Active Directory Domain Services (ADDS)
    - User Accounts
  - Domain Name System (DNS)
    - Organizational Unit
  - Dynamic Host Configuration Protocol (DHCP)
    - IP Address (Static or manually input)

Note:

COC2: = the IP Address is from Router
(Peer to peer network)

COC3: = the IP Address is from Server
(Server Base Network)

# STEPS & TIPS

- First things to do/remember or the Steps
  - ✓ Check the COMPUTER NAME of PC
    - ❑ Make it simple and EASY to remember.

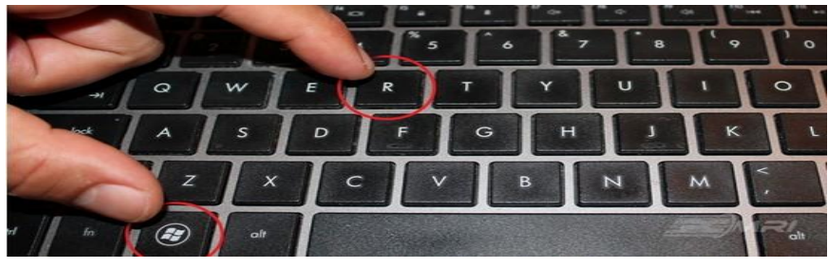
      e.g. SERVER_PC
  - ✓ Check the IP ADDRESS of PC
    - ❑ Make it Static
    - ❑ Go to Network Settings, Network & Sharing Center,
  - ✓ Check the DHCP of the Router
    - ❑ Turn off or Disable

      (Remember you are using SERVER BASE NETWORK now)

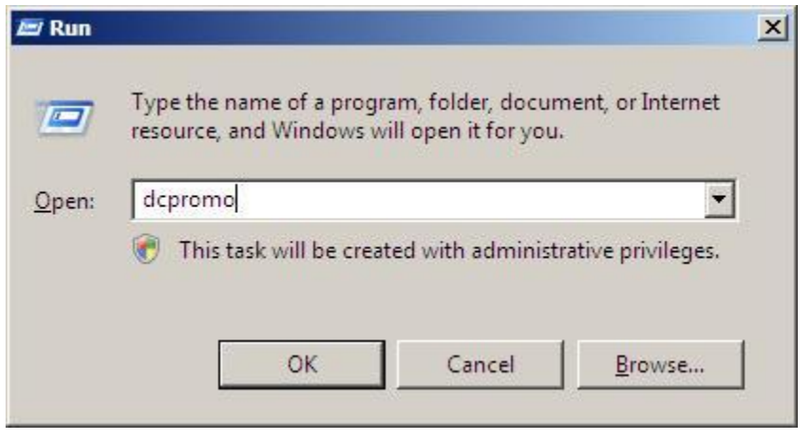
      NOTE: WRITE DOWN ALL INPUTS SUCH AS:
      - ✓ COMPUTER NAME (SERVER, CLIENT & LAPTOP)
      - ✓ IP ADDRESS (SERVER, CLIENT & LAPTOP)
      - ✓ WORKGROUP (SAME)
      - ✓ PASSWORD
      - ✓ NEW IP ADRESS
      - ✓ ORGANIZATIONAL UNIT or OU
      - ✓ USER ACCOUNT
      - ✓ FOLDER NAM
      - ✓ ETC.

# Active Directory Domain Services (ADDS)

- Second
  - ❑ Press and hold the WIN Logo + R

- ❑ On Windows RUN
  - ➢ Type DCPROMO or dcpromo

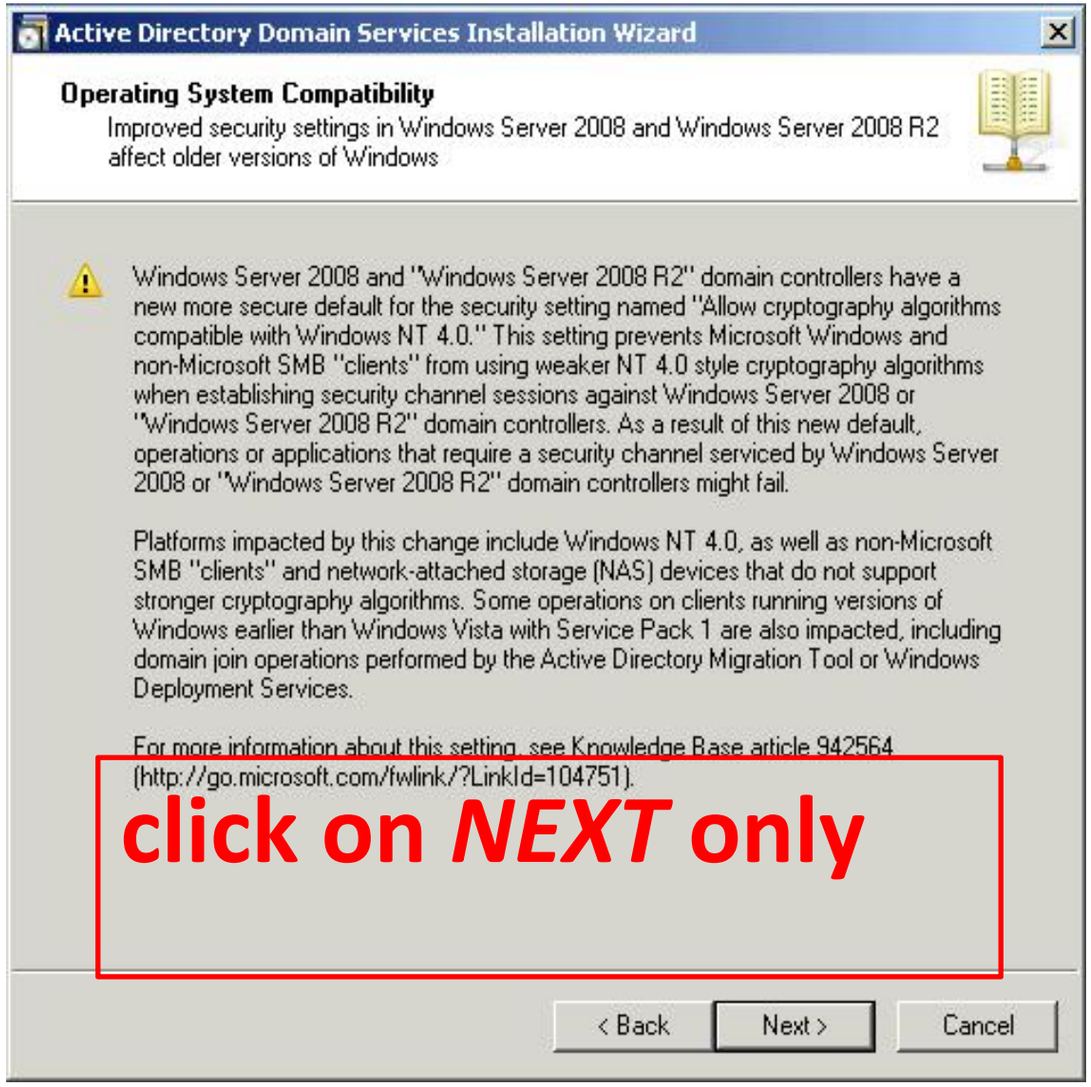



**NOTE: Before you proceed on DCPROMO you must turn off or change in disable mode of the ROUTER. Next input or ENTER a STATIC IP ADDRESS on the NETWORK SETTINGS.**

# Active Directory Domain Services (ADDS)

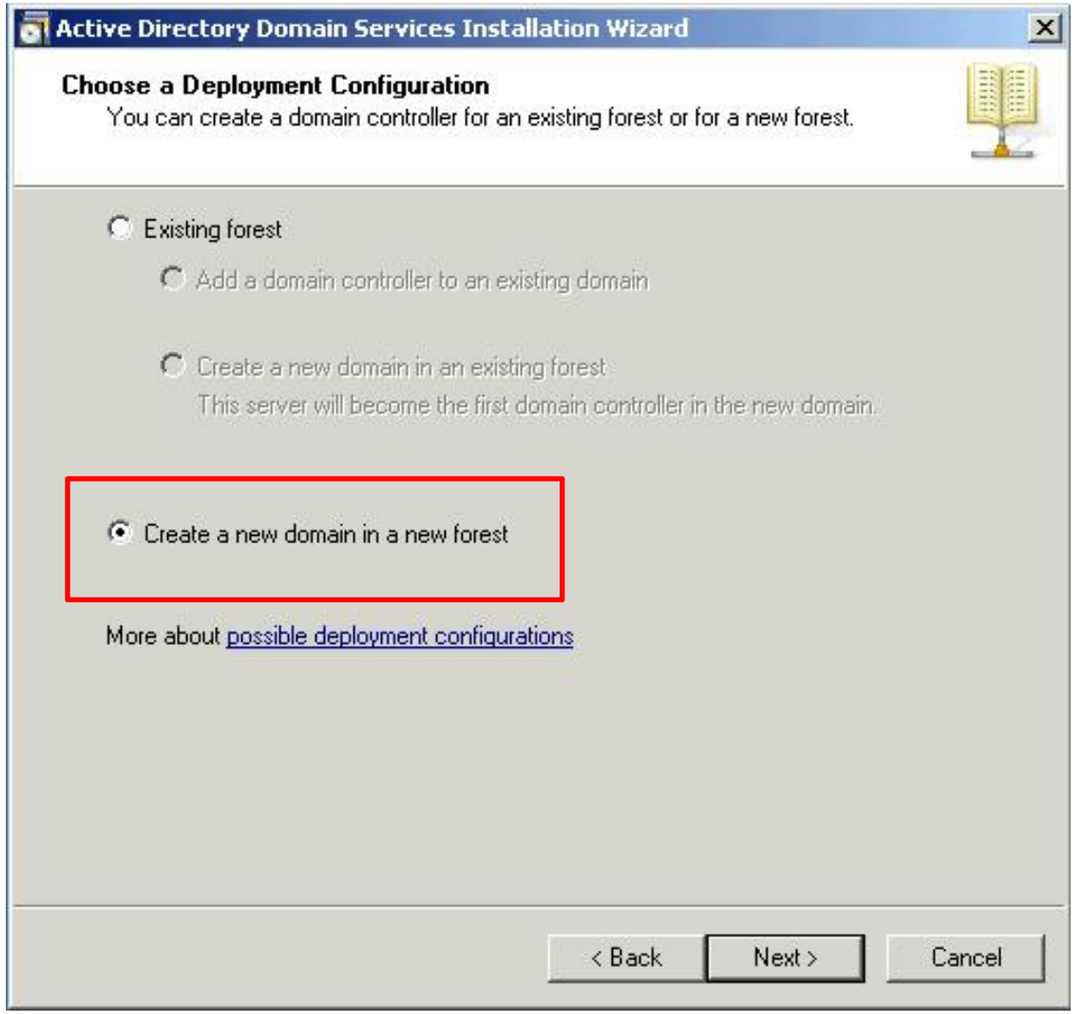
- On the Welcome to the Active Directory Domain Services Installation Wizard page, click Next.


- click Next.

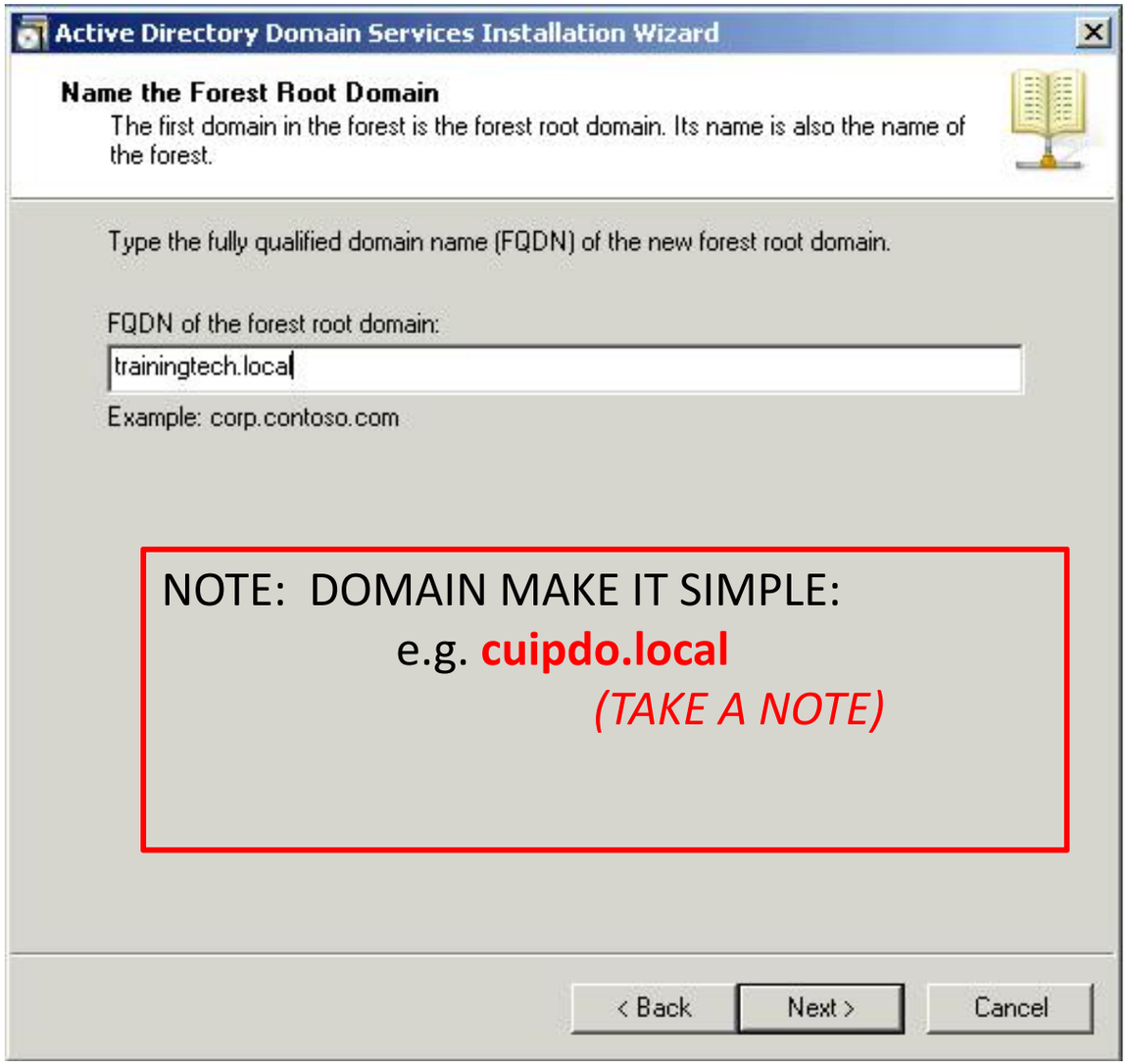


# Active Directory Domain Services (ADDS)

- On the Choose a Deployment Configuration page, click Create a new domain in a new forest, and then click Next.
- Create a new domain in a new Forest and Click Next

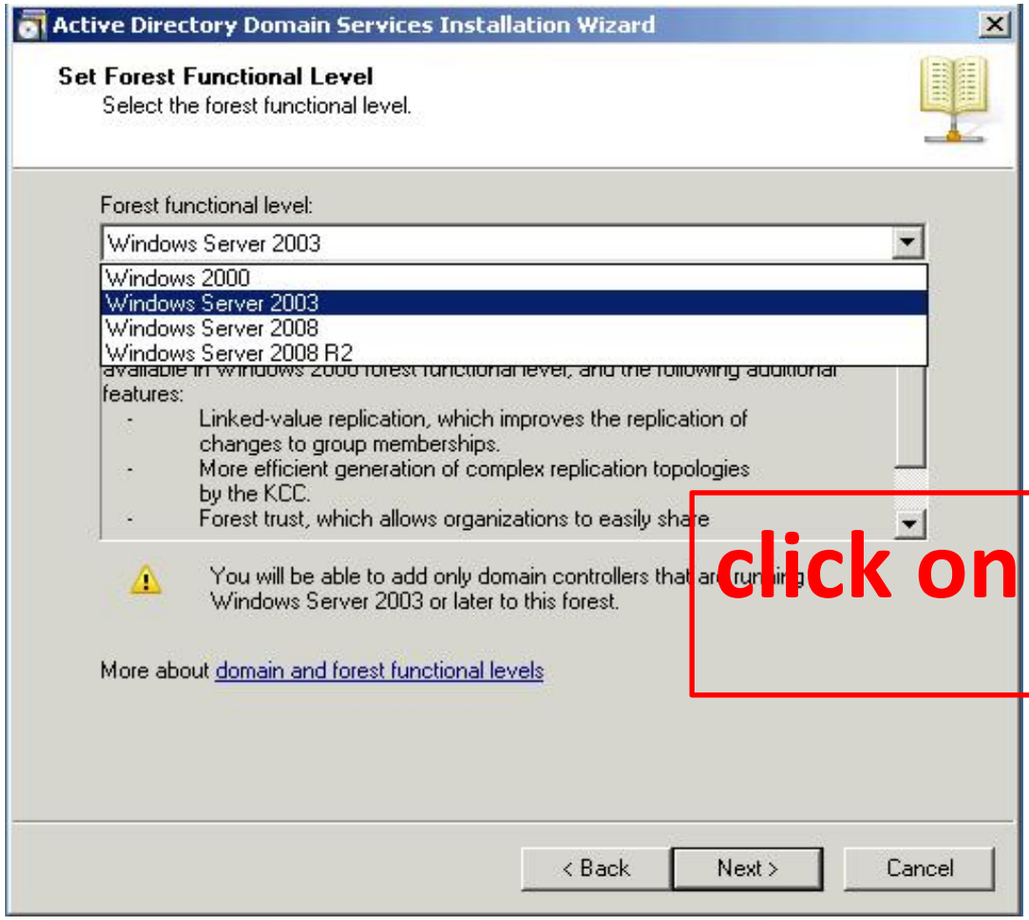


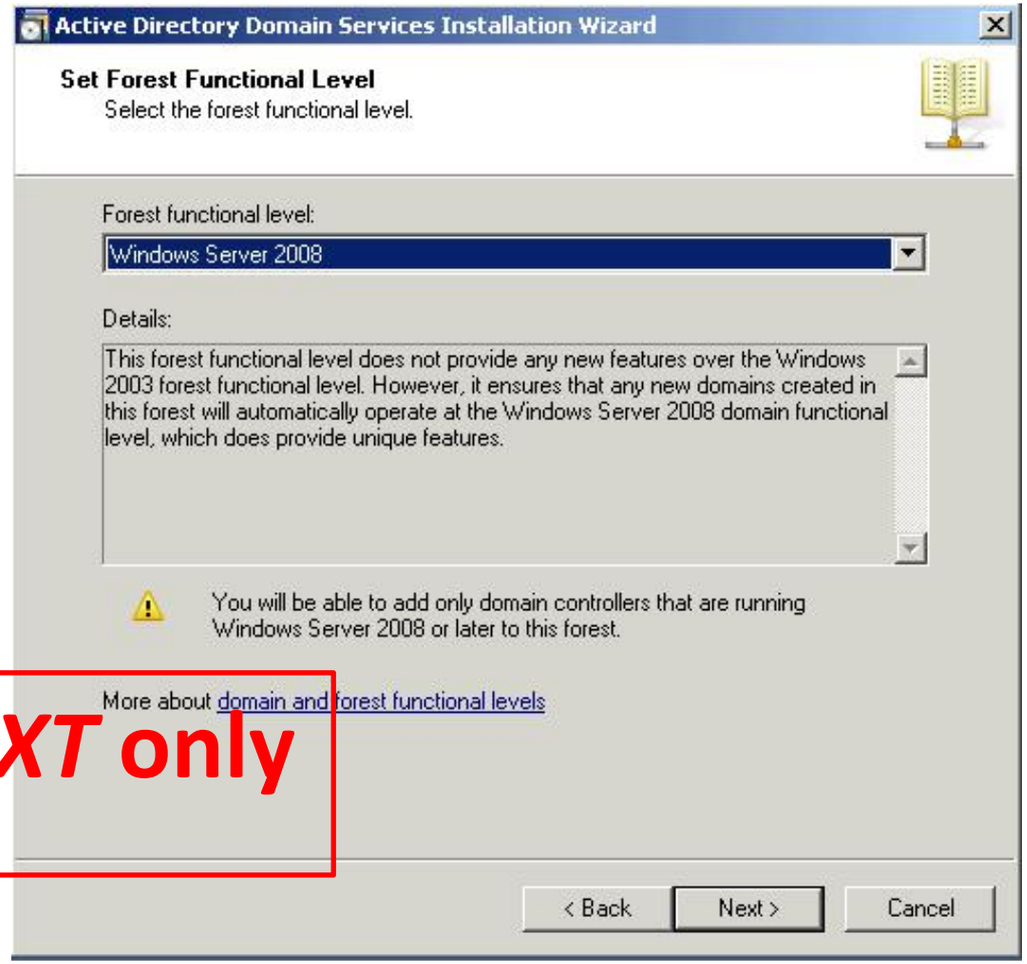

- Name the first Domain in the Forest and then click Next.



# Active Directory Domain Services (ADDS)

- On the Set Domain Functional Level page, select the domain functional level, and then click Next.
- Set Forest Functional Level Windows Server 2008 and Click Next
- OR Just click NEXT.

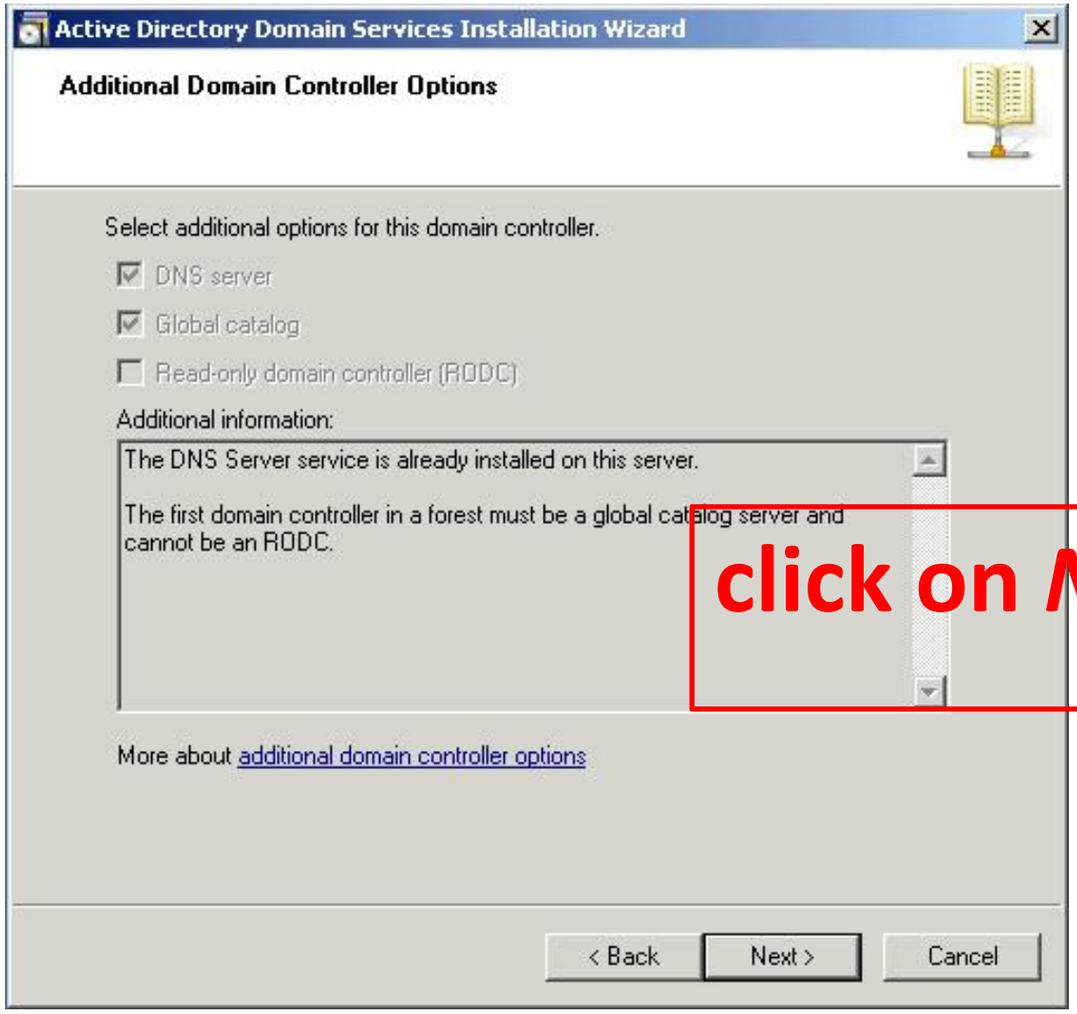


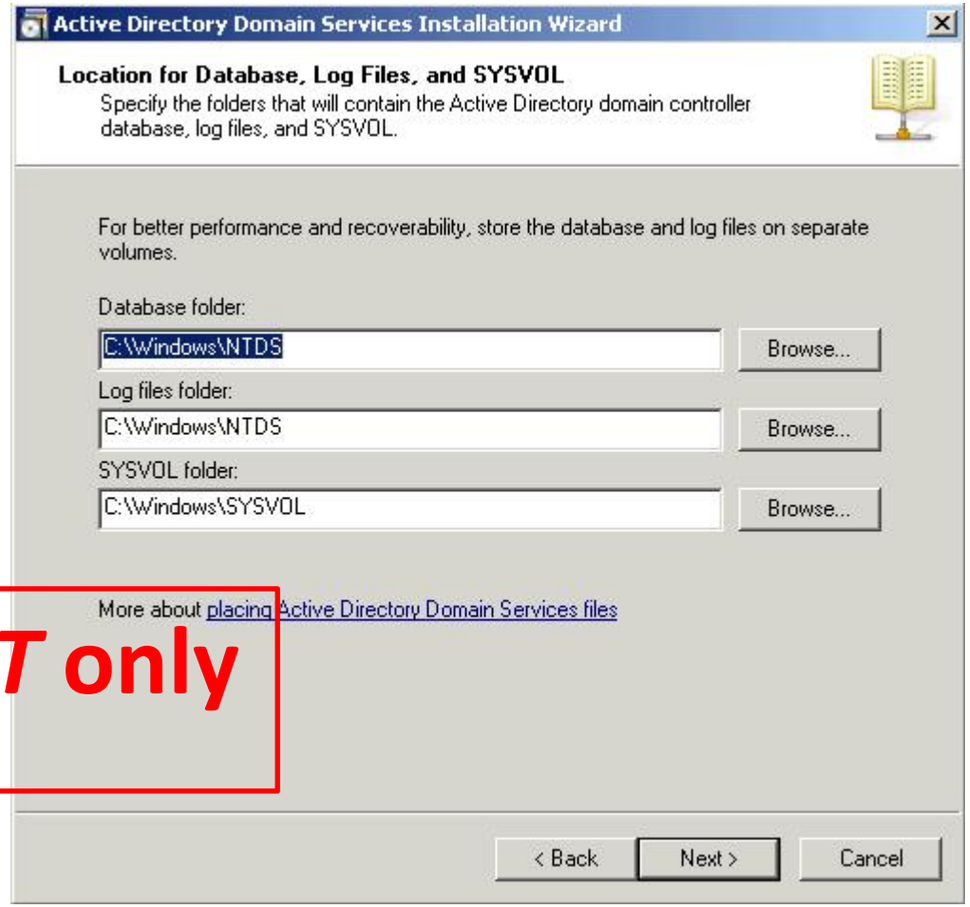

**click on *NEXT* only**

# Active Directory Domain Services (ADDS)

- On the Additional Domain Controller Options page, DNS server is selected by default so that your forest DNS infrastructure can be created during AD DS installation and then click Next



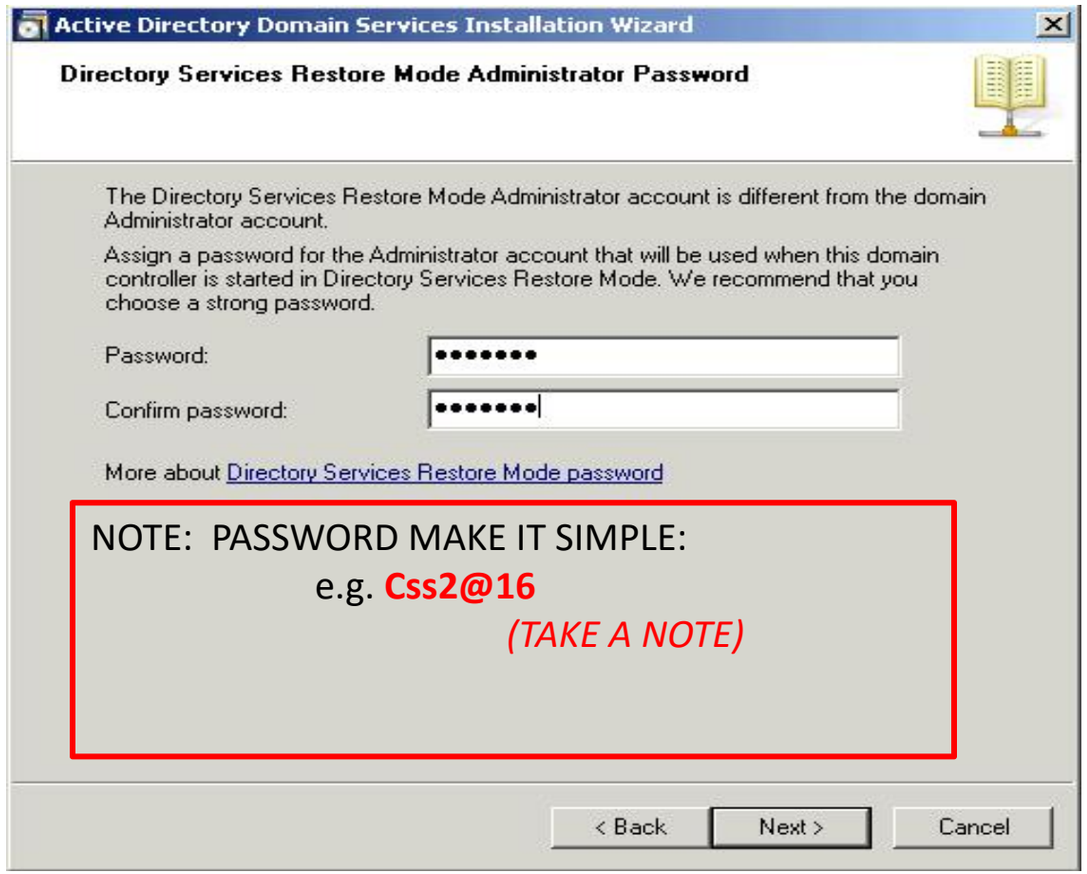

- On the Location for Database, Log Files, and SYSVOL page, type or browse to the volume and folder locations for the database file, the directory service log files, and the SYSVOL files, and then click Next.



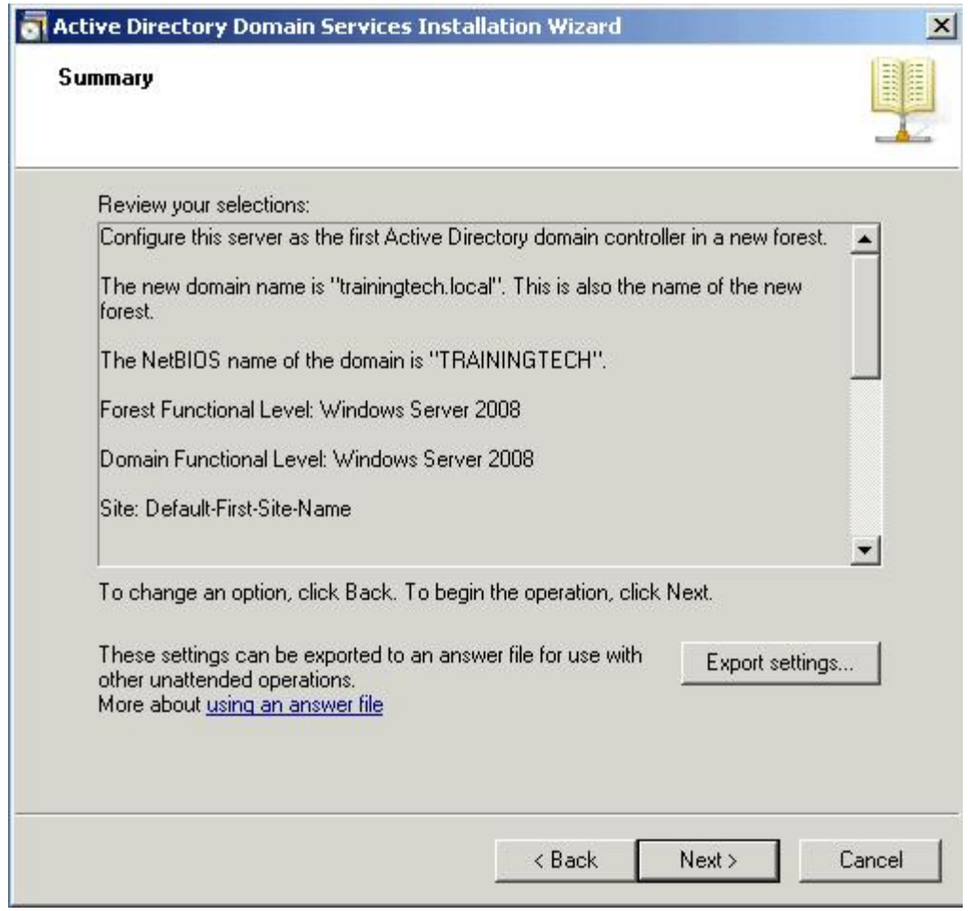

**click on *NEXT* only**

# Active Directory Domain Services (ADDS)

- On the Directory Services Restore Mode Administrator Password page, type and confirm the restore mode password, and then click Next. This password must be used to start AD DS in Directory Service Restore Mode for tasks that must be performed offline



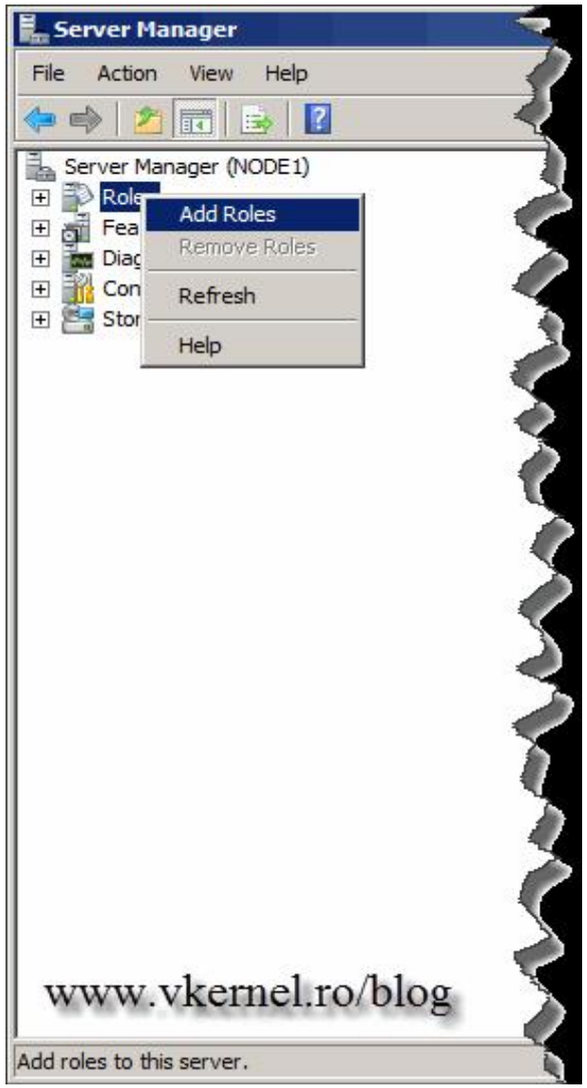

- On the Summary page, review your selections. Click Back to change any selections, if necessary



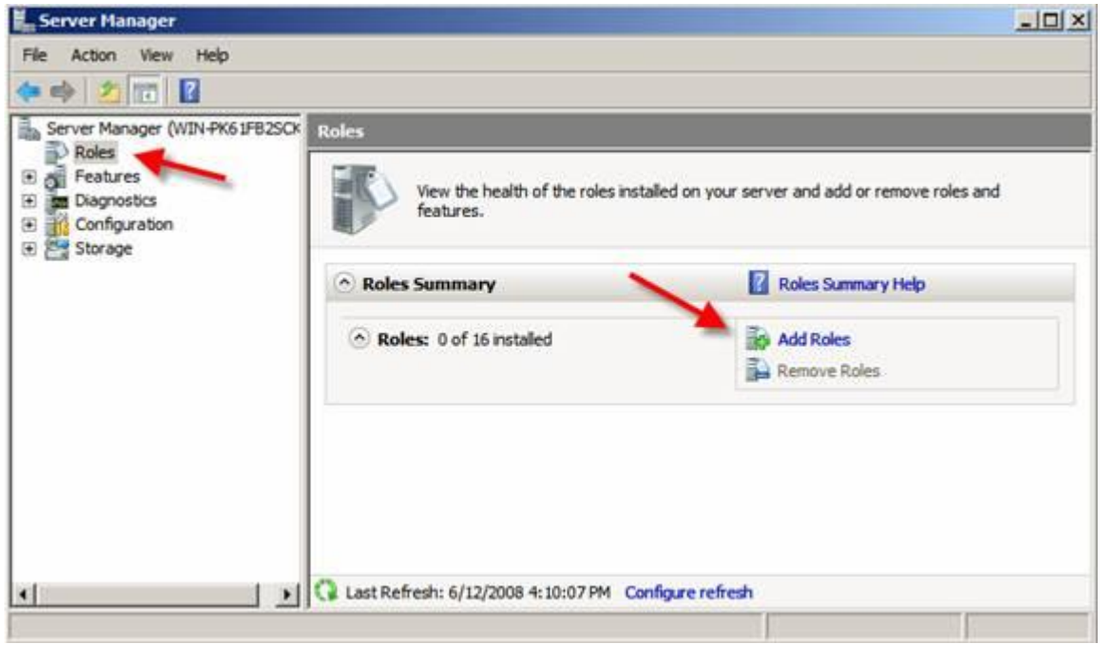

- FINISH then Restart the server to complete the AD DS installation

# CONFIGURATION OF DYNAMIC HOST CONFIGURATION PROTOCOL (DHCP)

- To start, open **Server Manager**, right-click **Roles** and choose **Add Roles**.

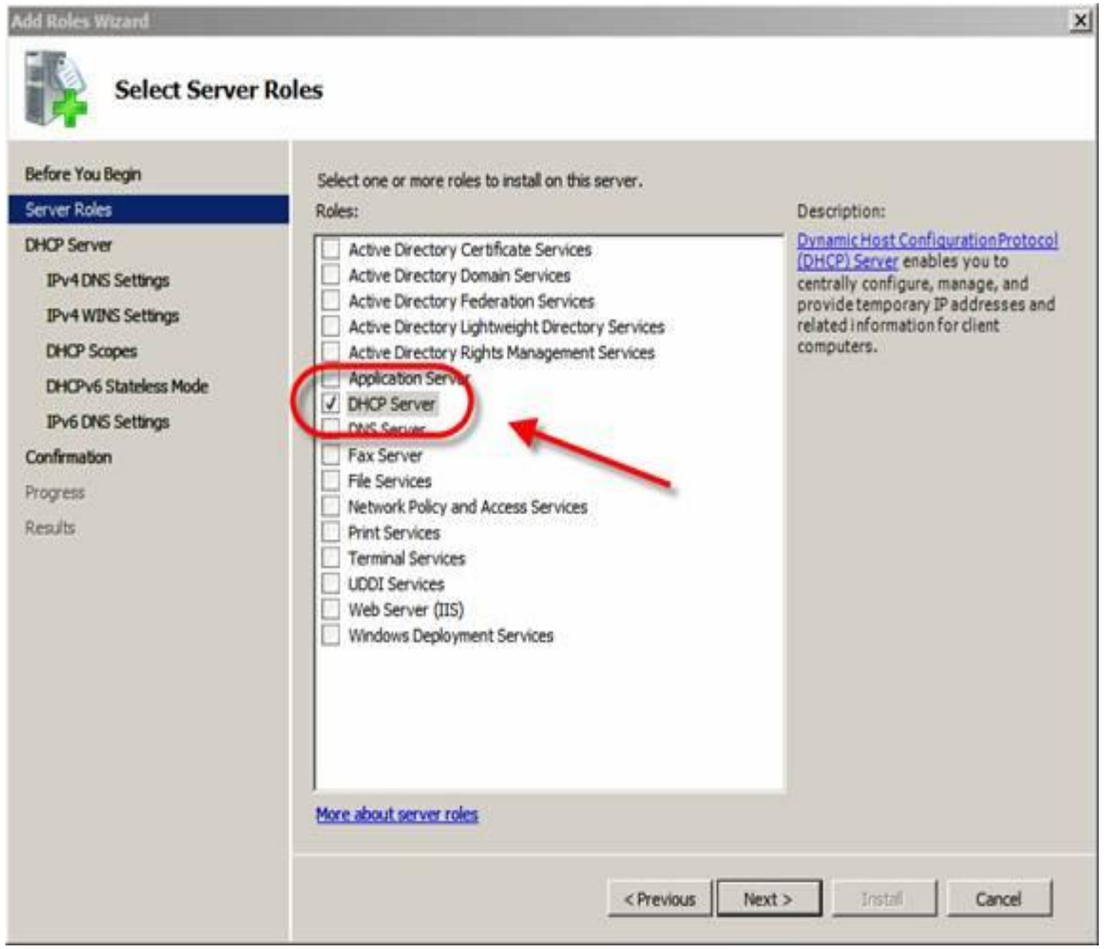


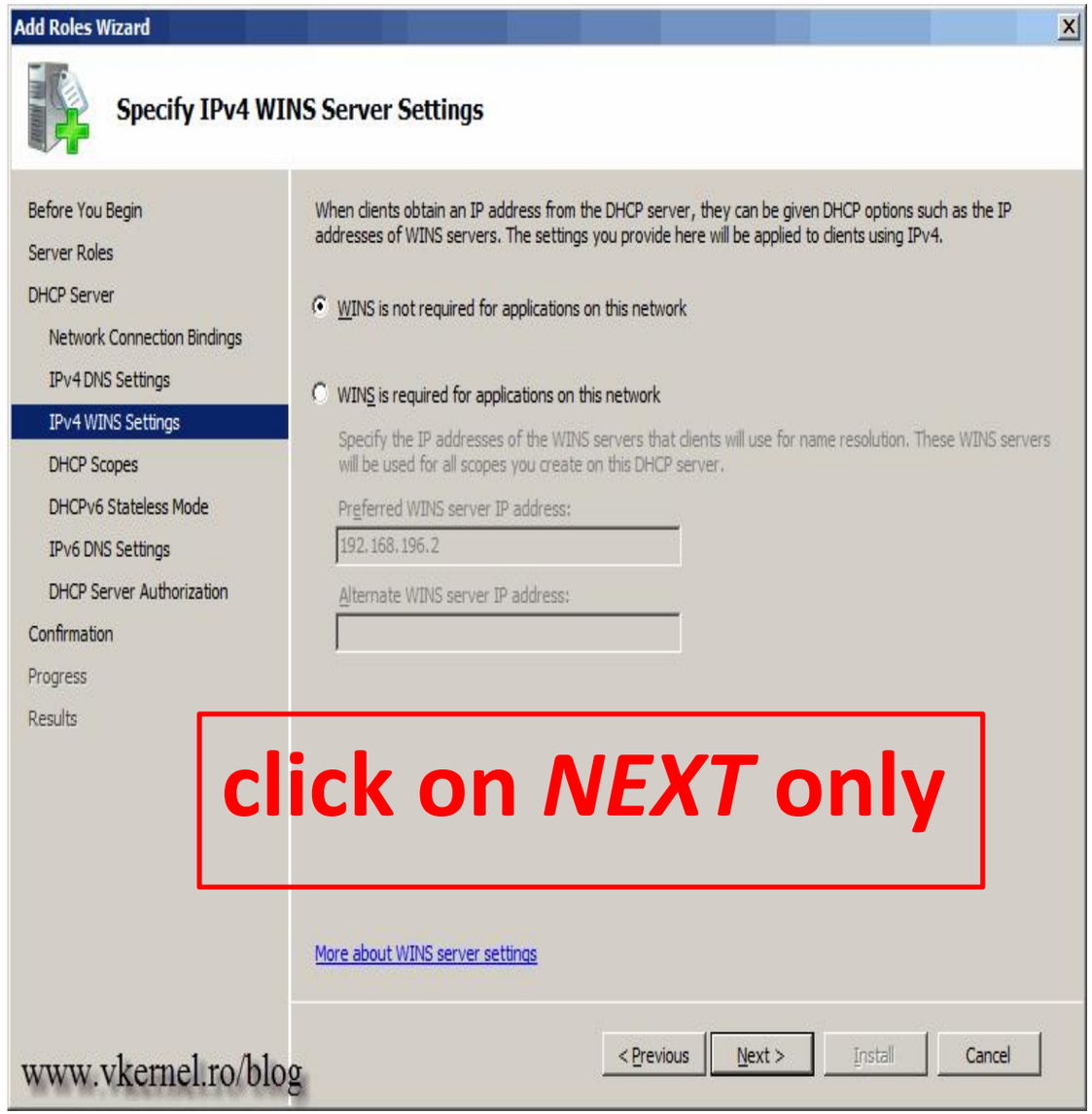

To start the DHCP installation process, you can click **Add Roles** from the **Initial Configuration Tasks** window or from**Server Manager à Roles à Add Roles.**



# CONFIGURATION OF DYNAMIC HOST CONFIGURATION PROTOCOL (DHCP)

- On the **Select Server Roles** page check the box next to **DHCP Server** then click **Next**

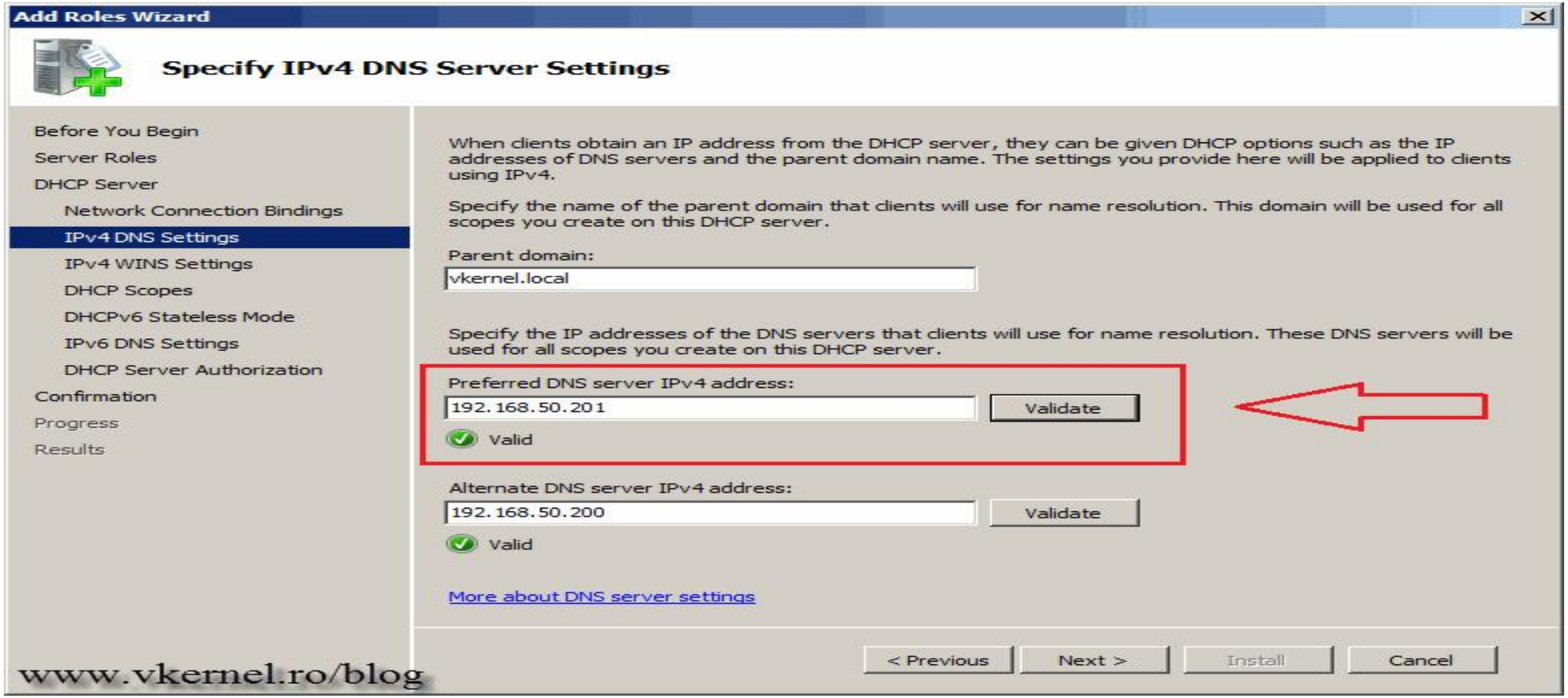


# CONFIGURATION OF DYNAMIC HOST CONFIGURATION PROTOCOL (DHCP)

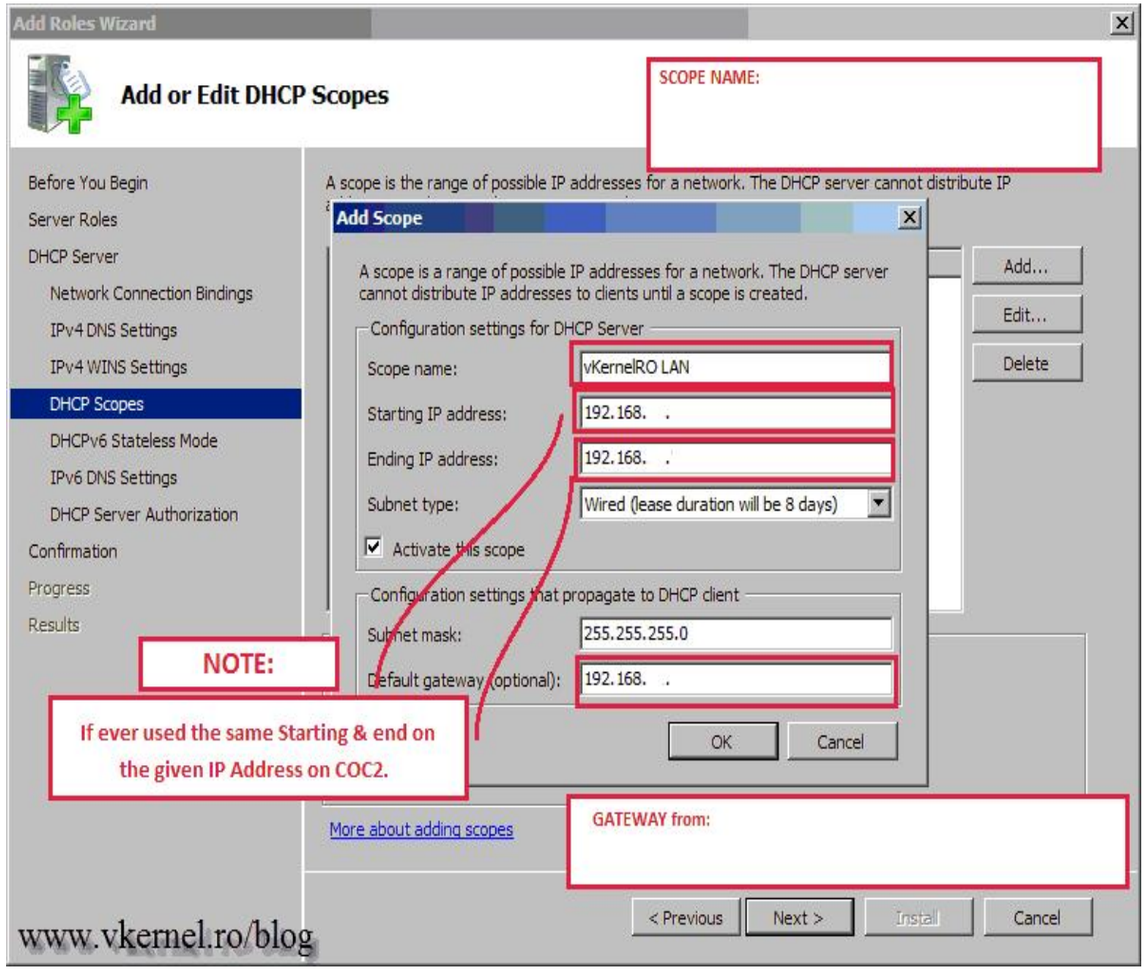
- Type the name of your domain in the **Parent Domain** box, then complete the preferred and alternate DNS boxes with your own DNS servers IP addresses. If you press the **Validate** button(s), the wizard will check if those DNS servers are valid.

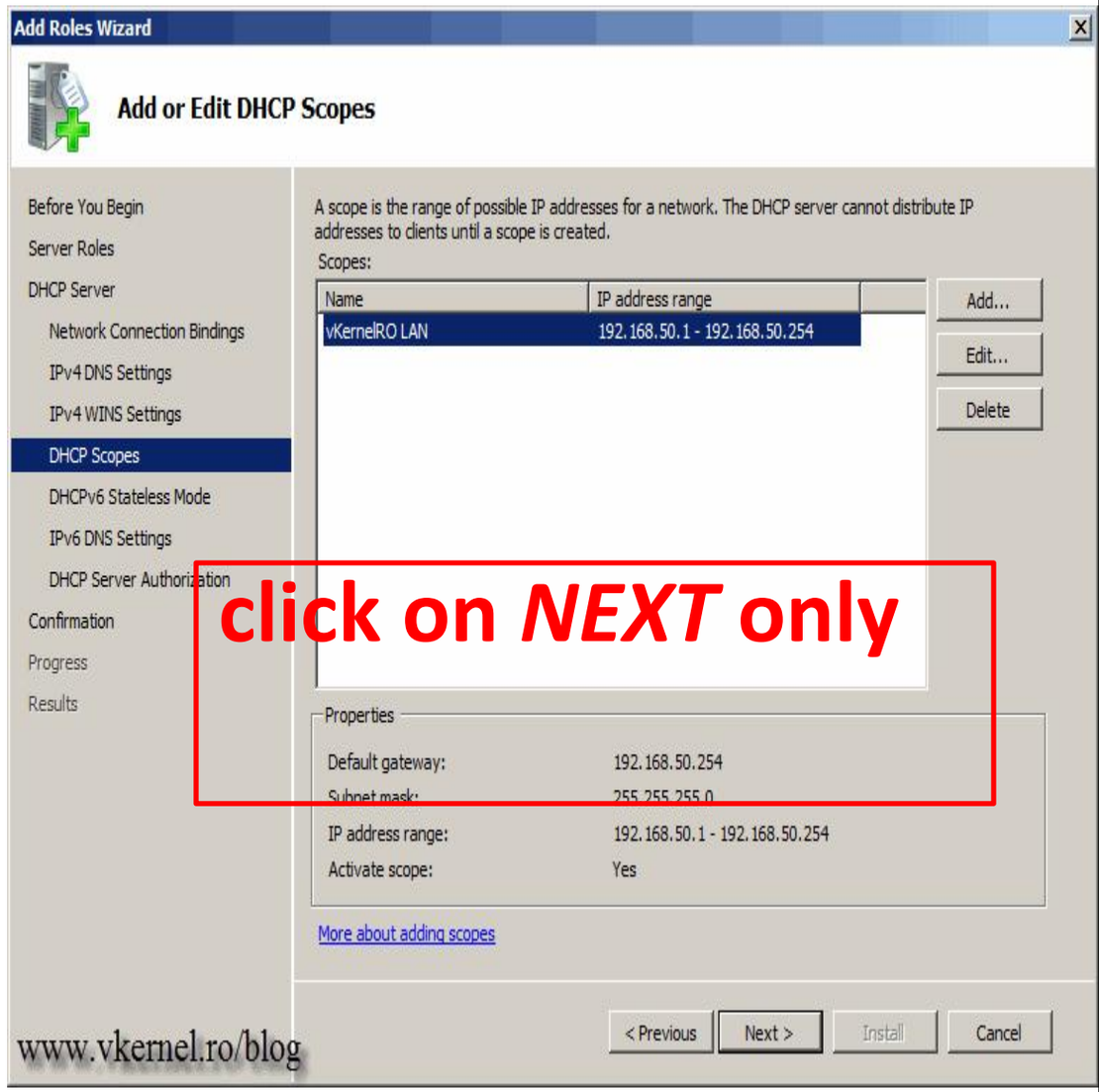
NOTE: Make sure your DNS must be VALID. Then click  NEXT.



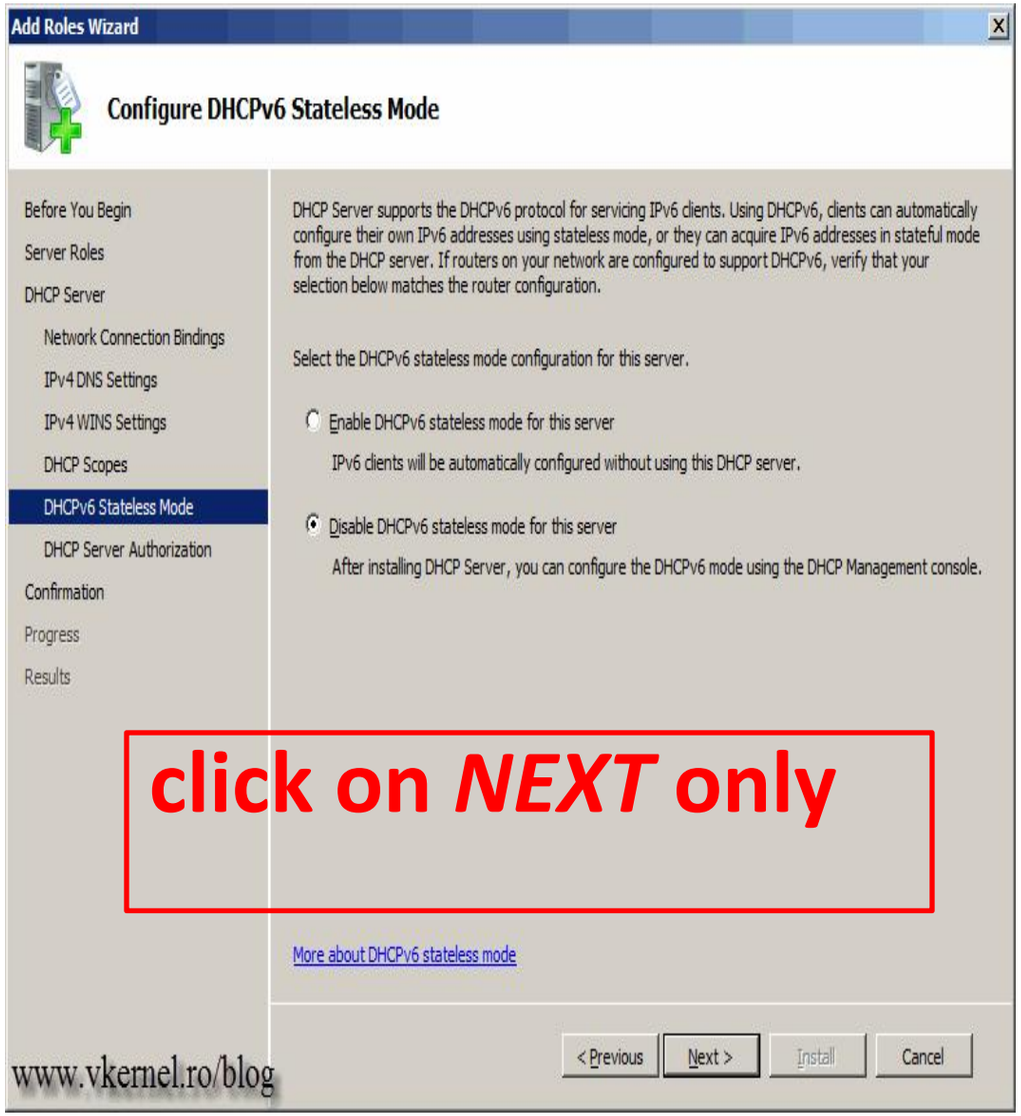
# CONFIGURATION OF DYNAMIC HOST CONFIGURATION PROTOCOL (DHCP)

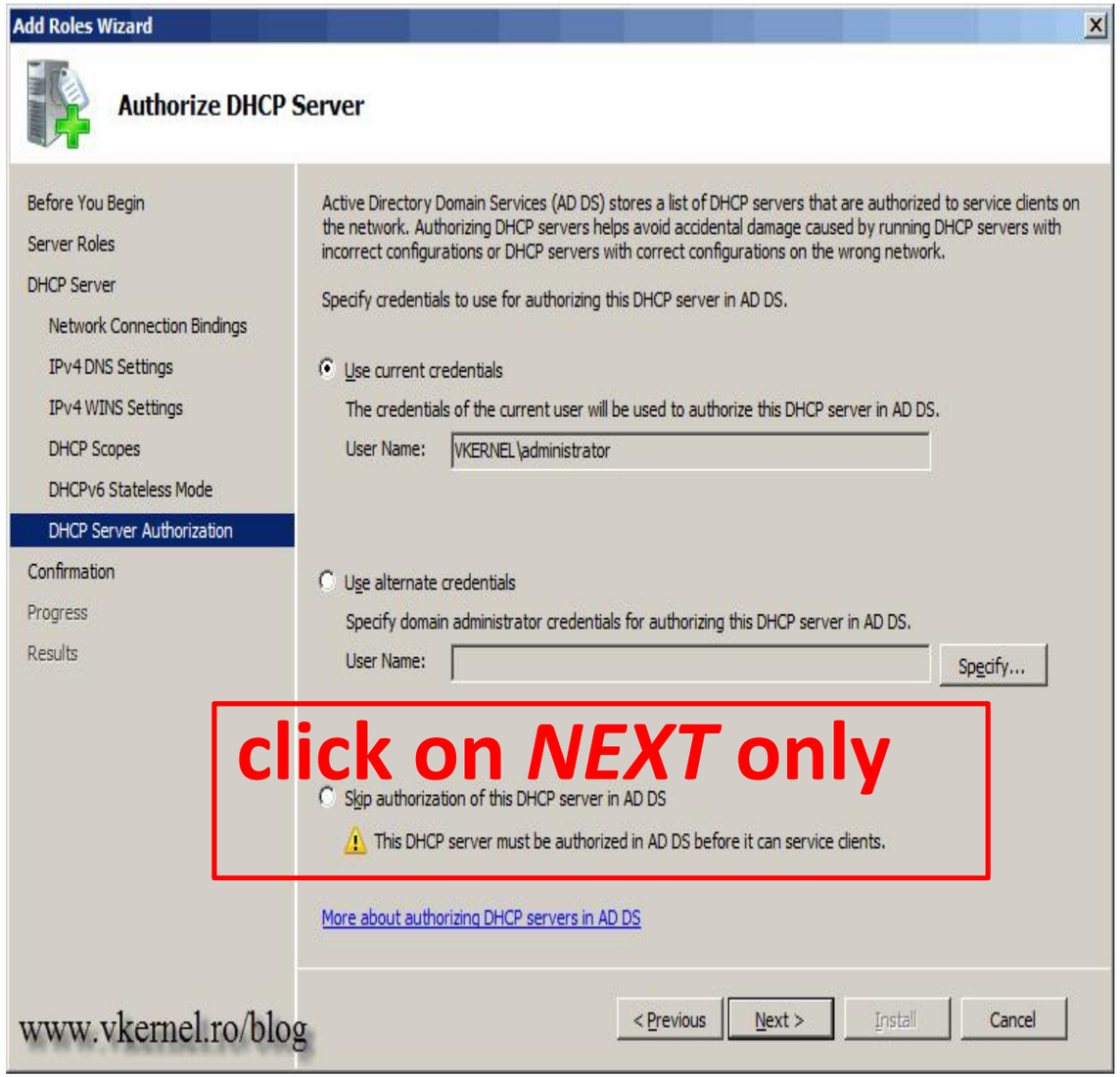
- Click the **Add** button to create our first scope. A scope is a range of IP addresses and gateway configuration that DHCP will provide to clients. Give the scope a name, provide the IP rage addresses and gateway information, then click **OK**. If you leave (and I recommend) the **Activate this scope** option enabled, DHCP will automatically activate with Active Directory. A Windows DHCP server to function needs to be authorized with AD, or will not provide IP addresses to clients.



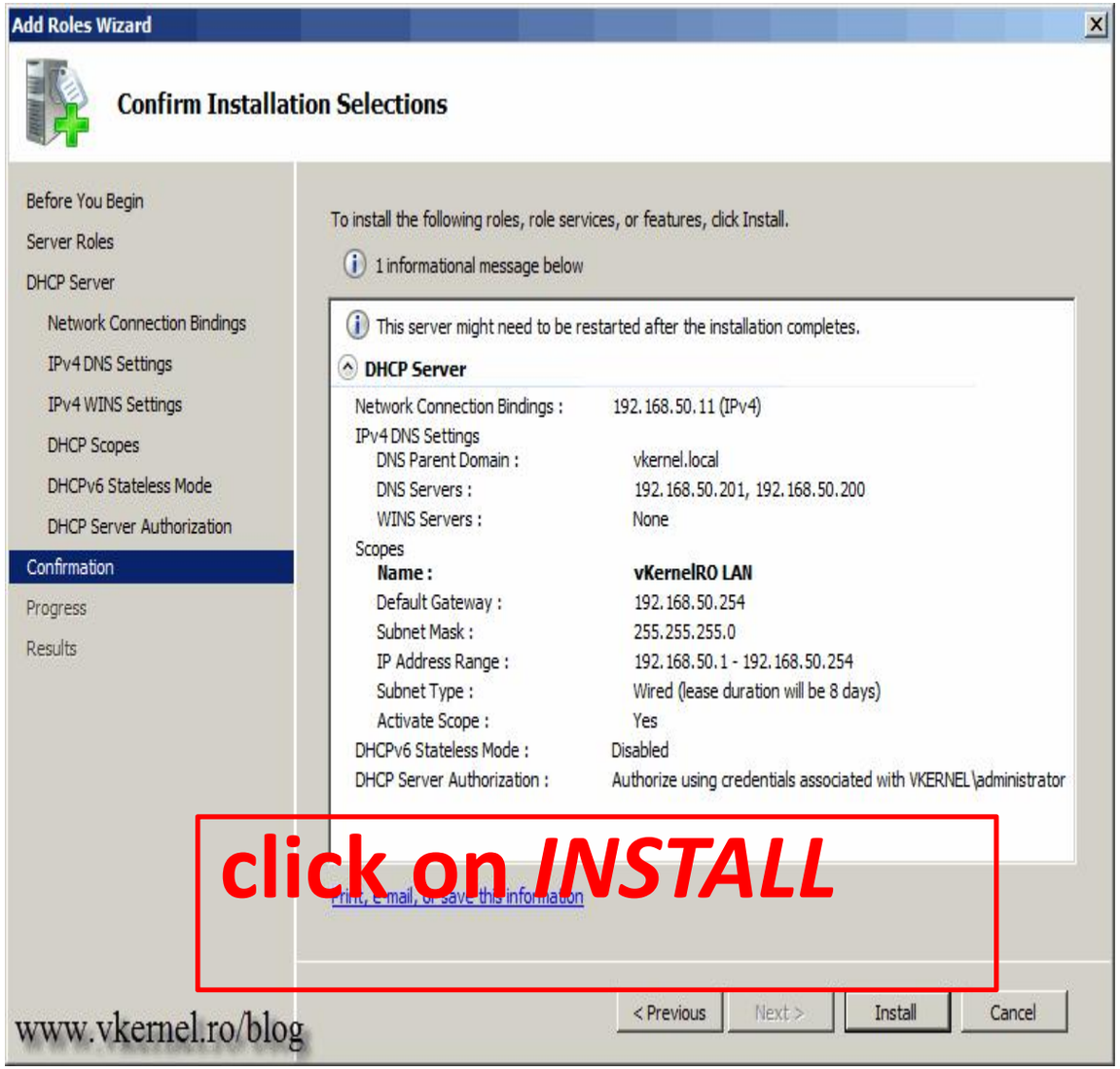
# CONFIGURATION OF DYNAMIC HOST CONFIGURATION PROTOCOL (DHCP)

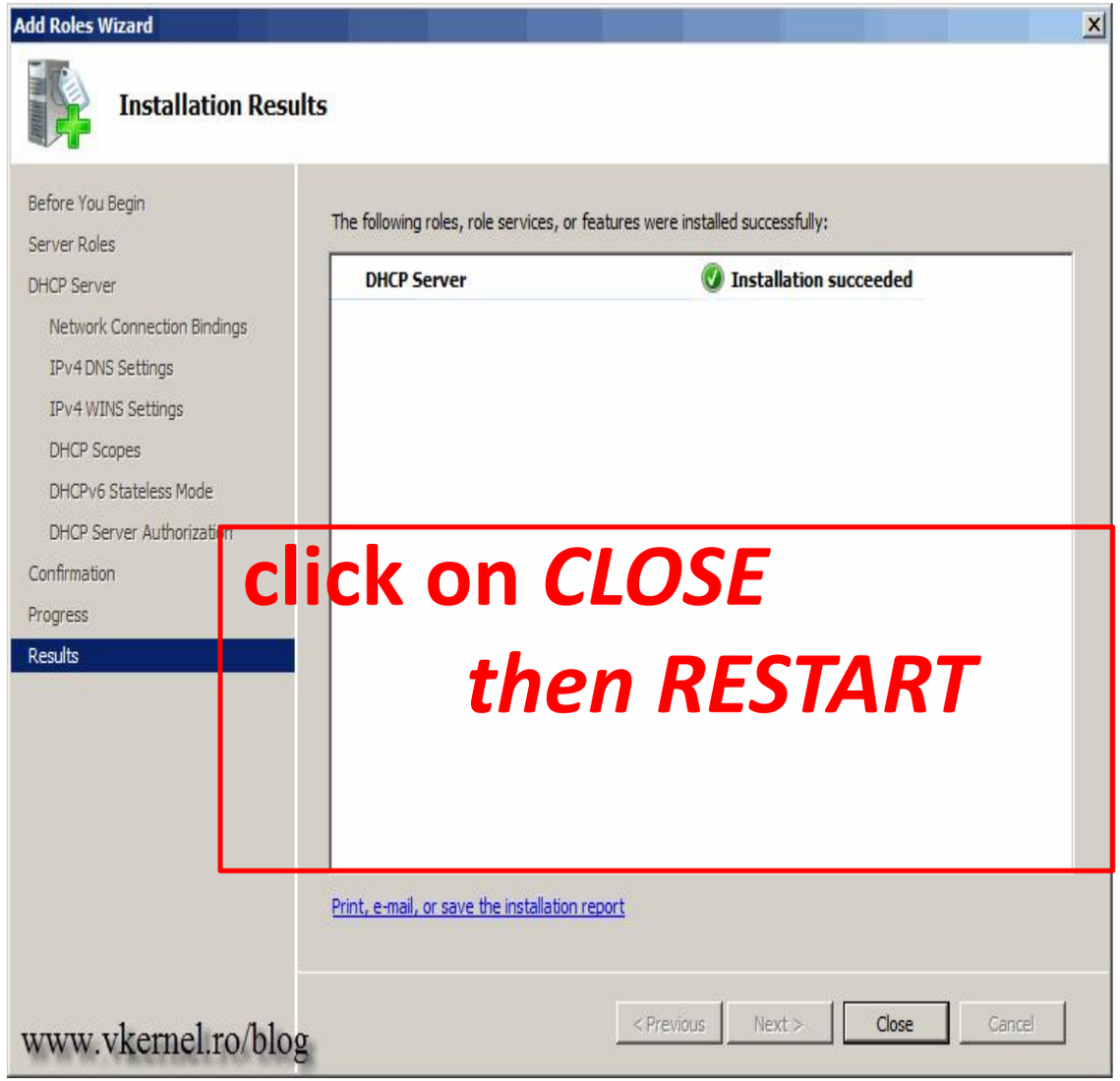


# CONFIGURATION OF DYNAMIC HOST CONFIGURATION PROTOCOL (DHCP)

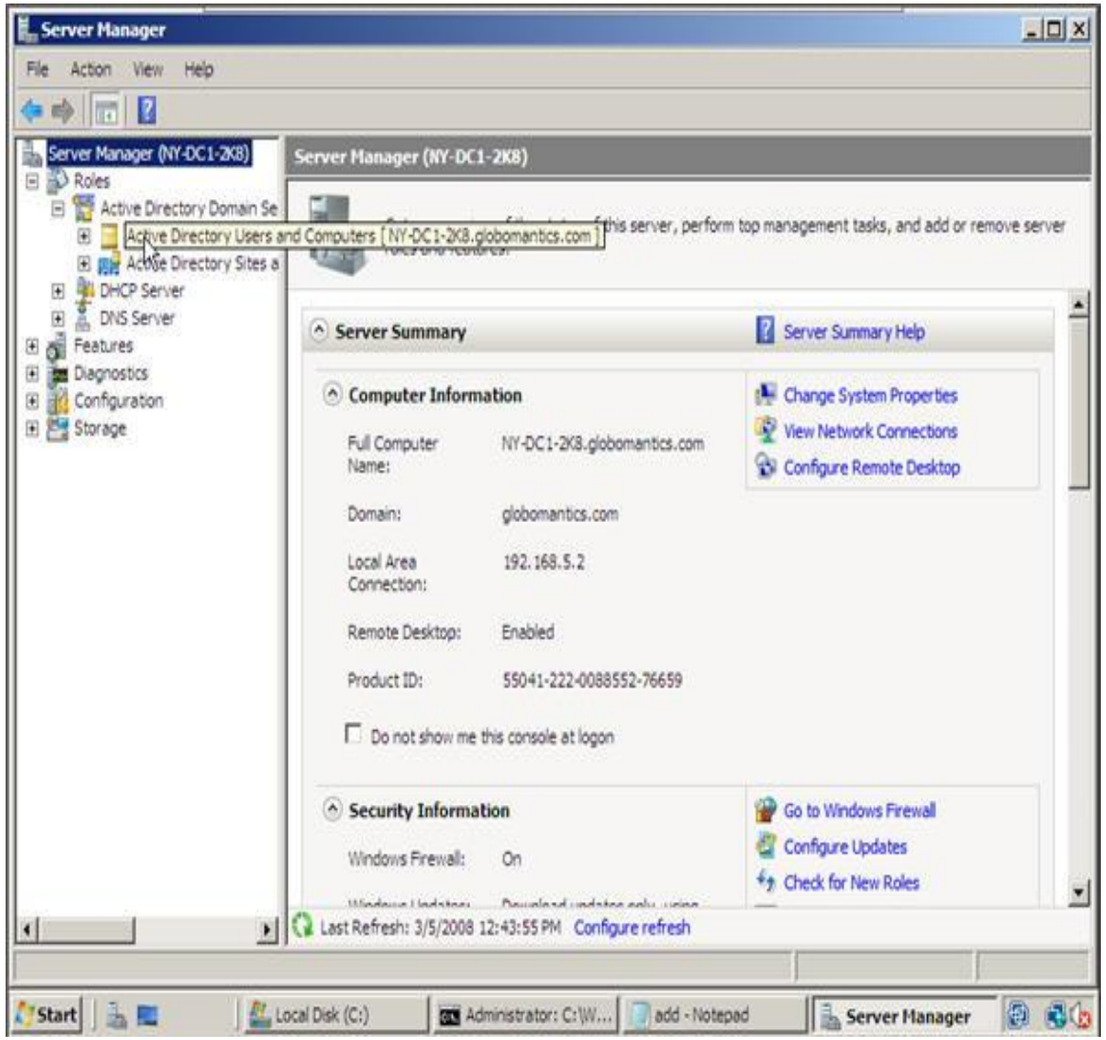
- On the **Confirmation** screen click **Install**.



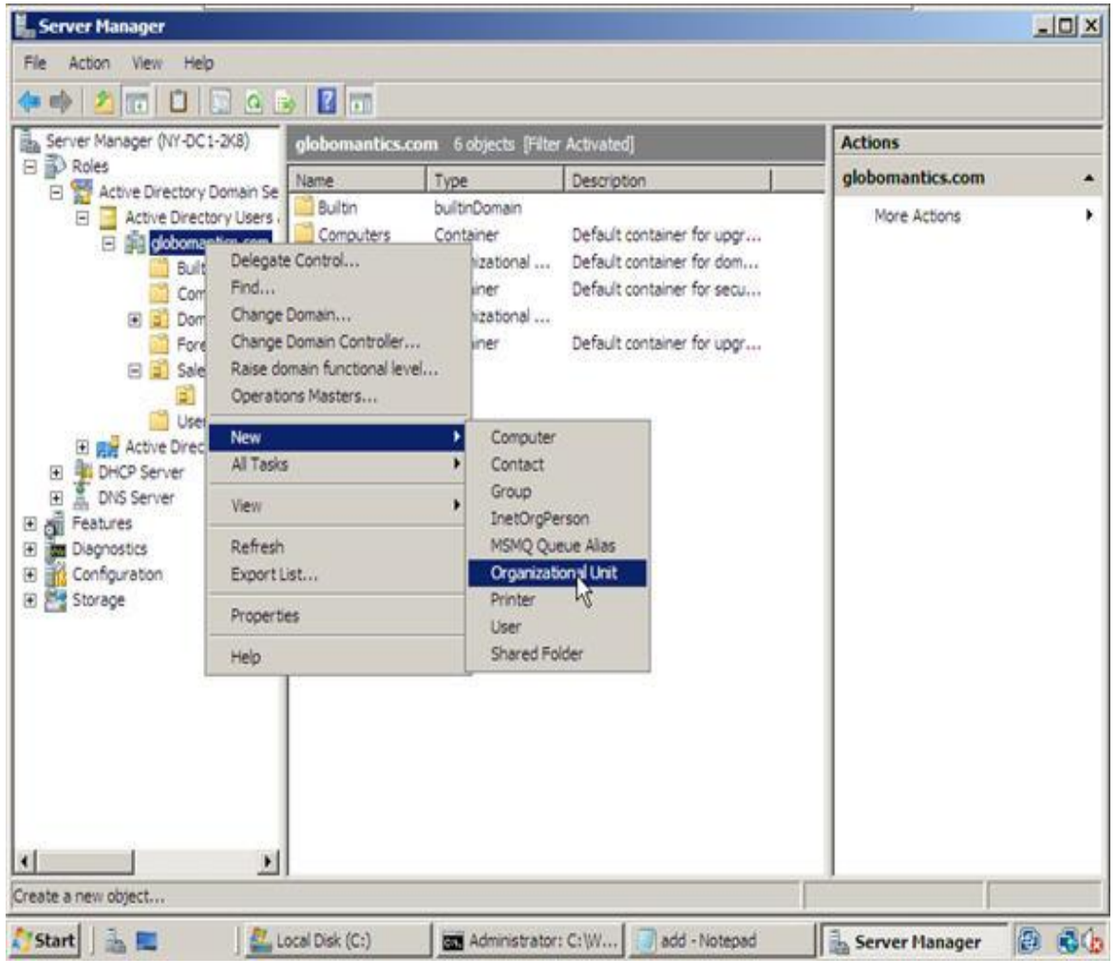



# CREATING USER ACCONTS

START MENU – ADMINTRATION TOOL – ACTIVE DIRECTORY USERS AND COMPUTER.

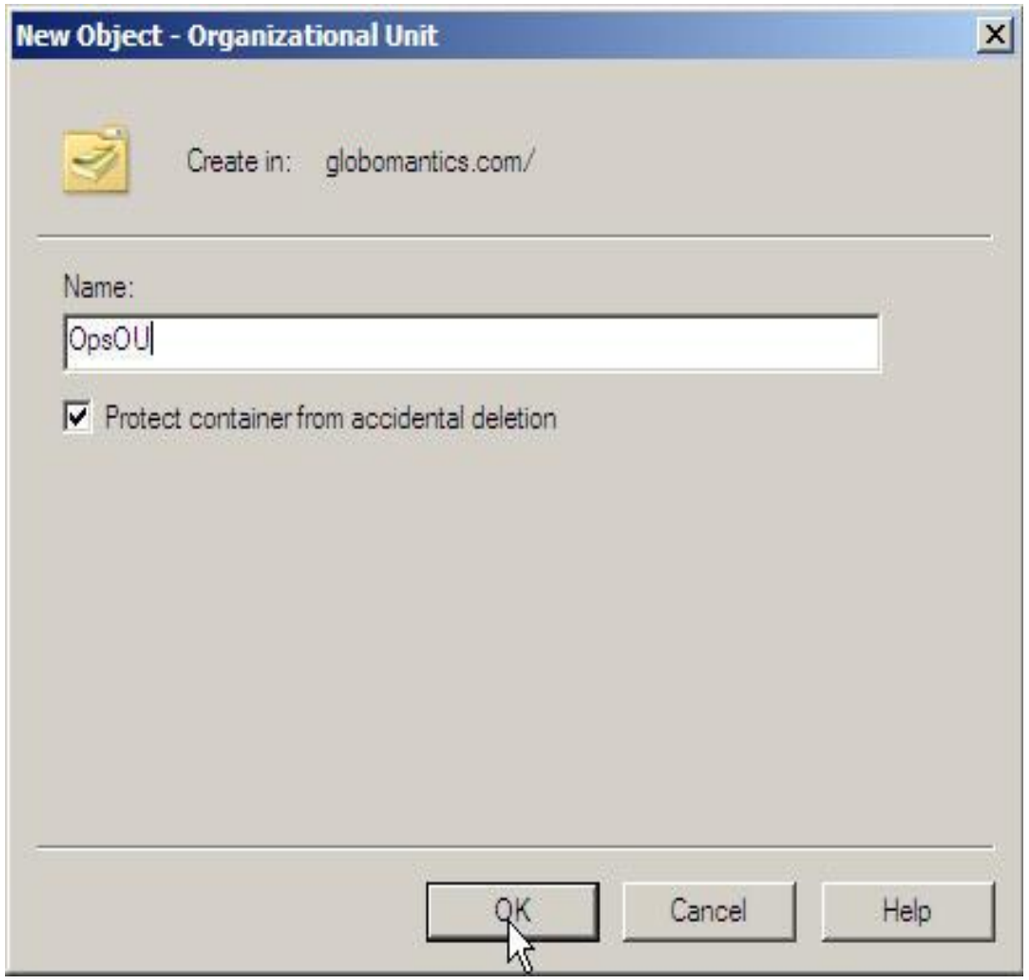



To create a new Organization Unit, right-click on your domain name, point to the New option and then select **Organizational Unit**.

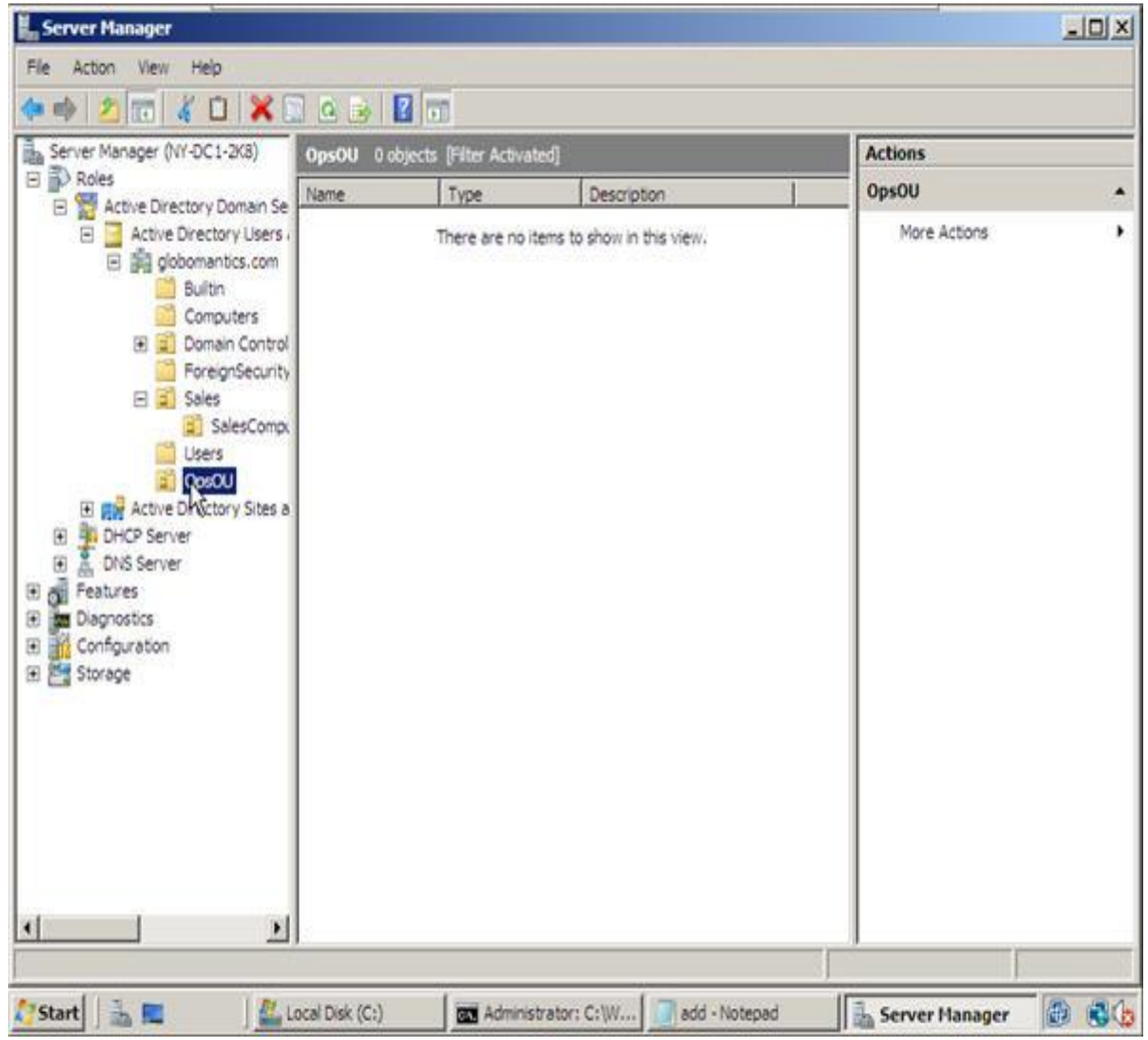


# CREATING USER ACCONTS

Type in the name of your OU and make sure that the box is checked next to **Protect container from accidental deletion**. When done, click **OK**.

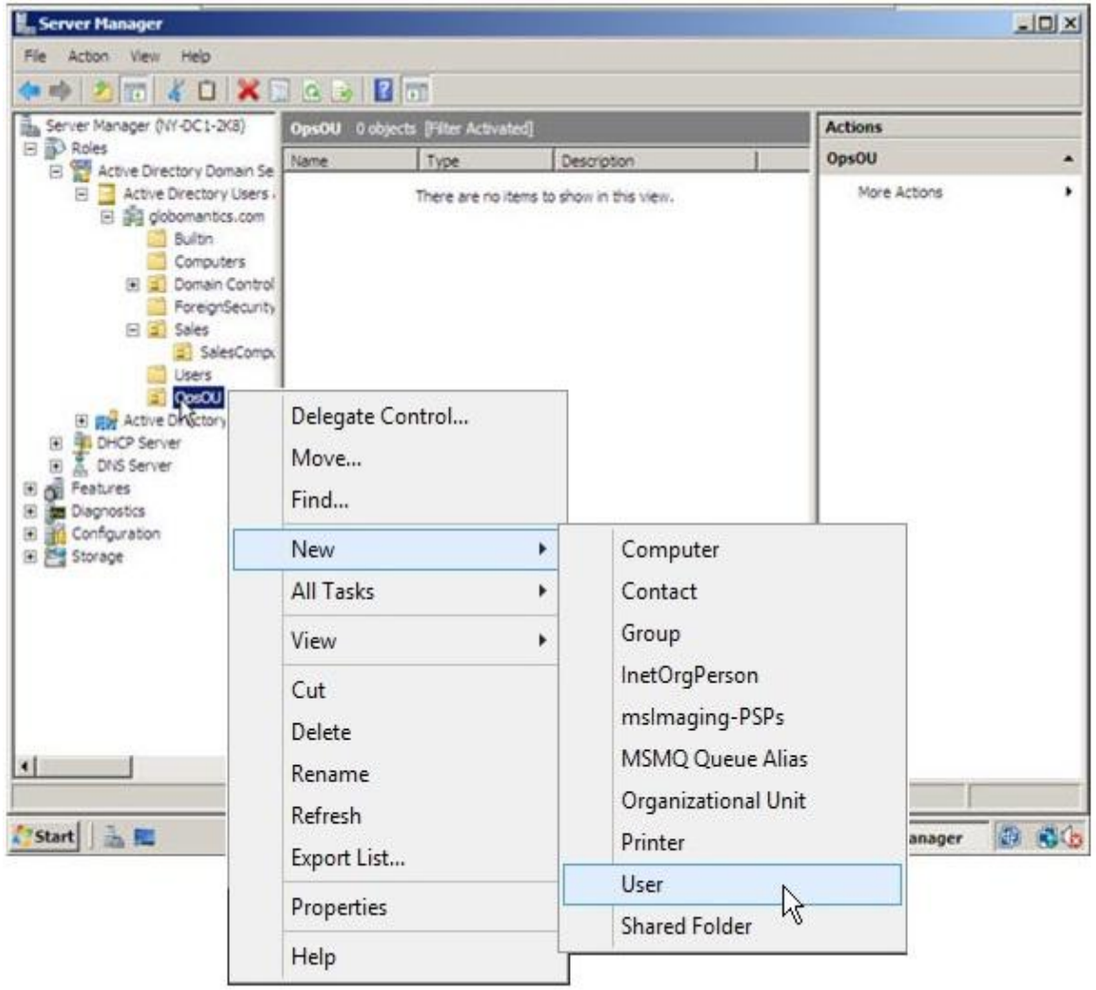


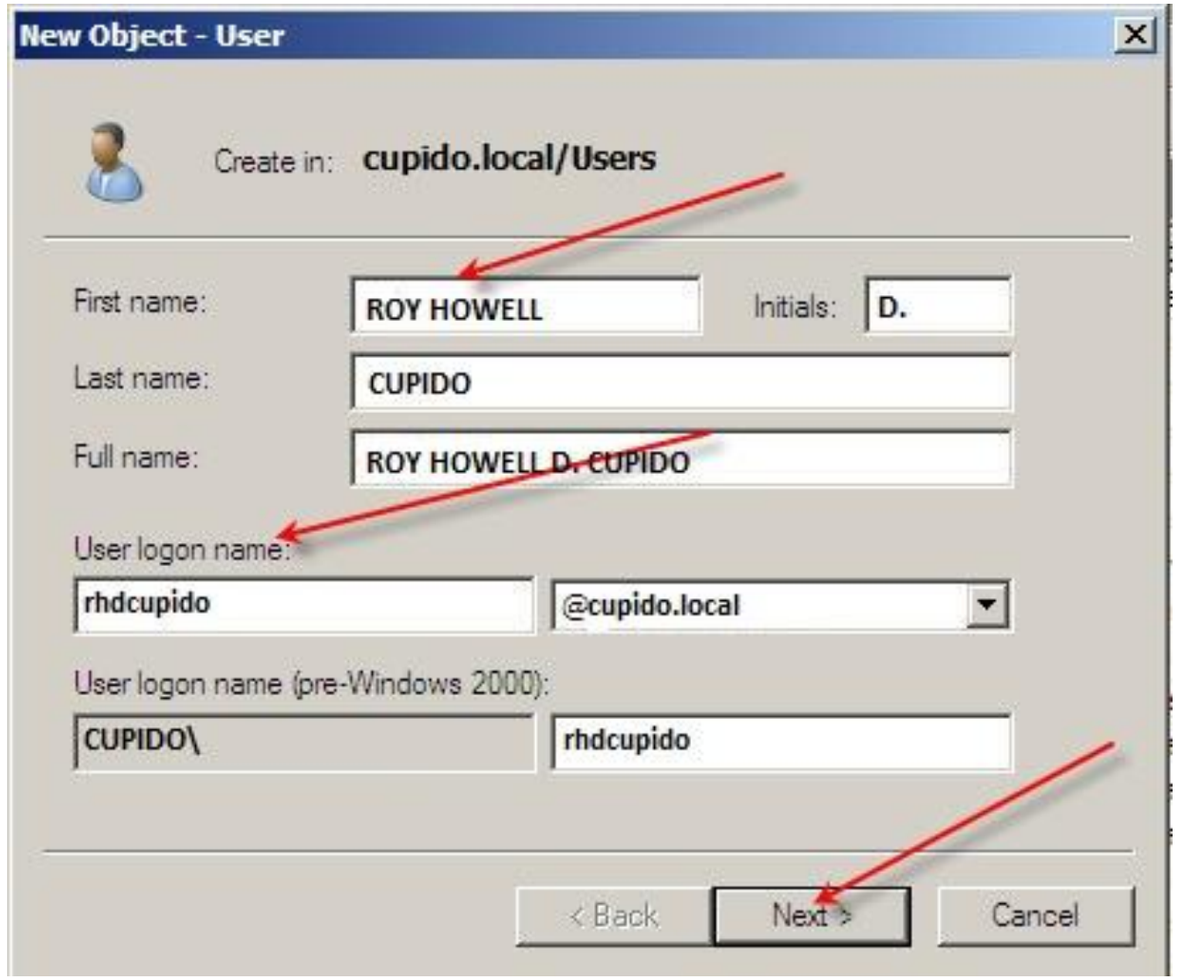

We now have a new Organizational Unit in our Active Directory called **OpsOU**



# on Organizational Unit (OU)

- Right click – select NEW – select USER – Click

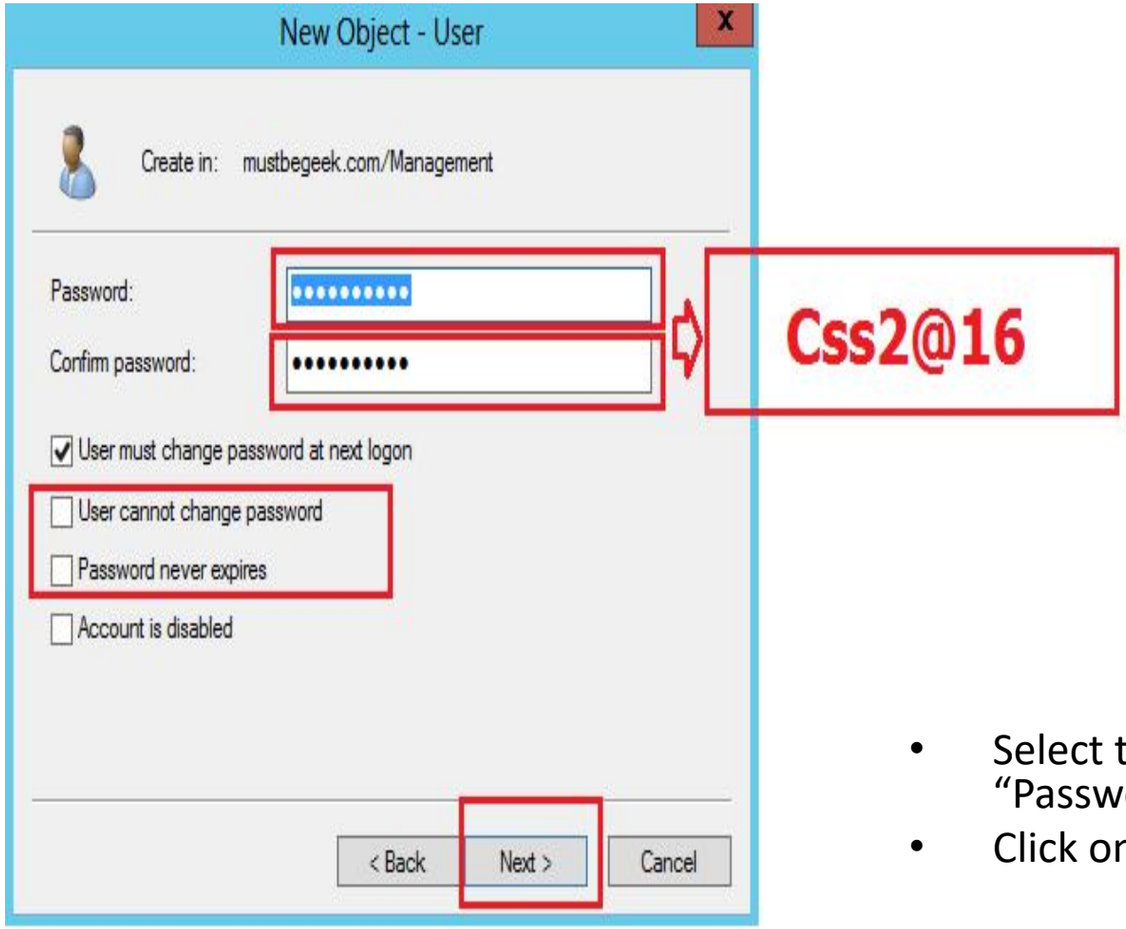


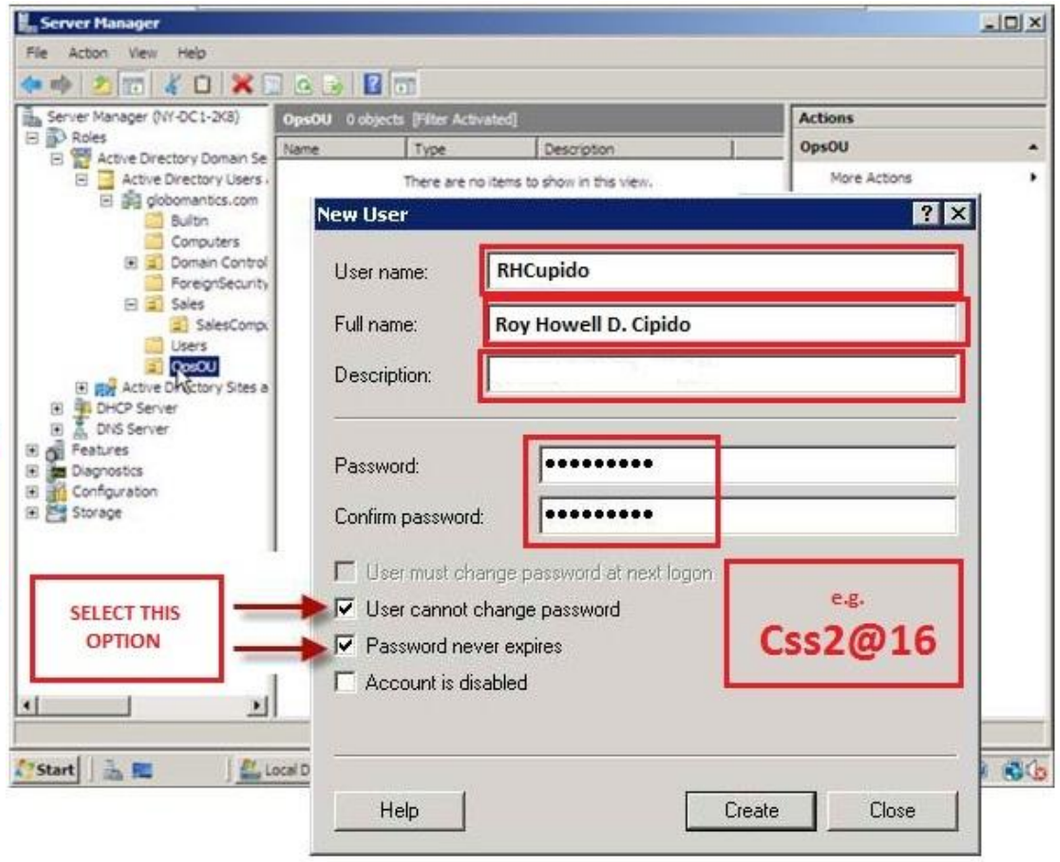




- Fill all the information
- Enter a User Name (Simple)
- Click on NEXT

# on Organizational Unit (OU)

- Password Configuration

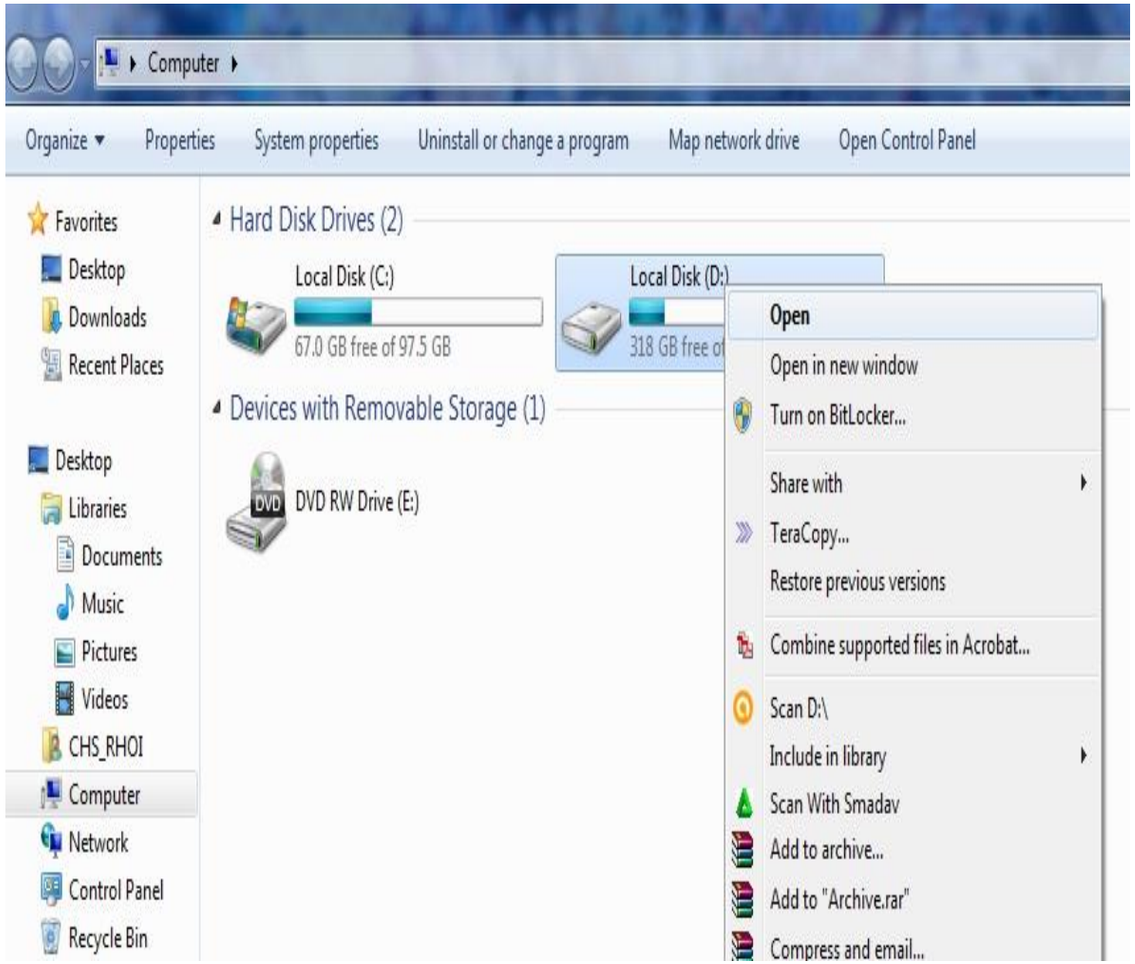


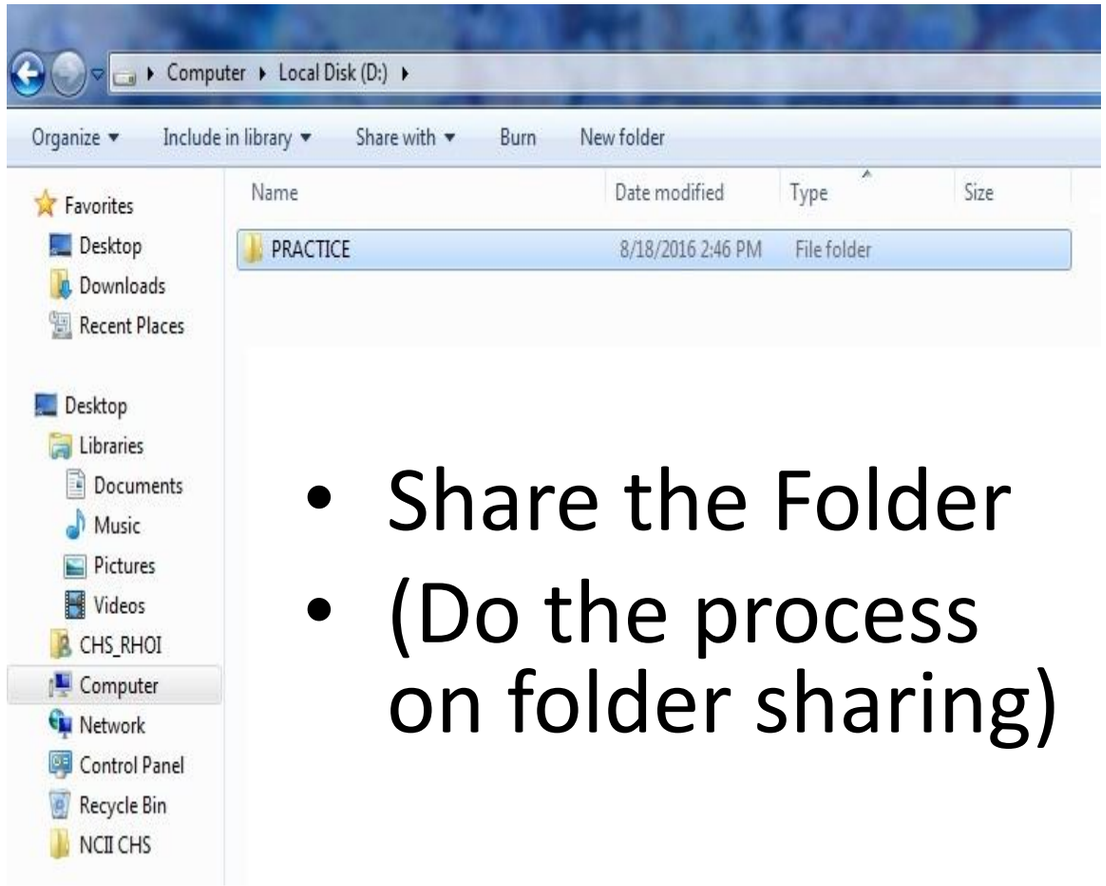




- Select the “User cannot change password” and “Password never expires”
- Click on **NEXT** and **FINISH**

# FILE SERVER

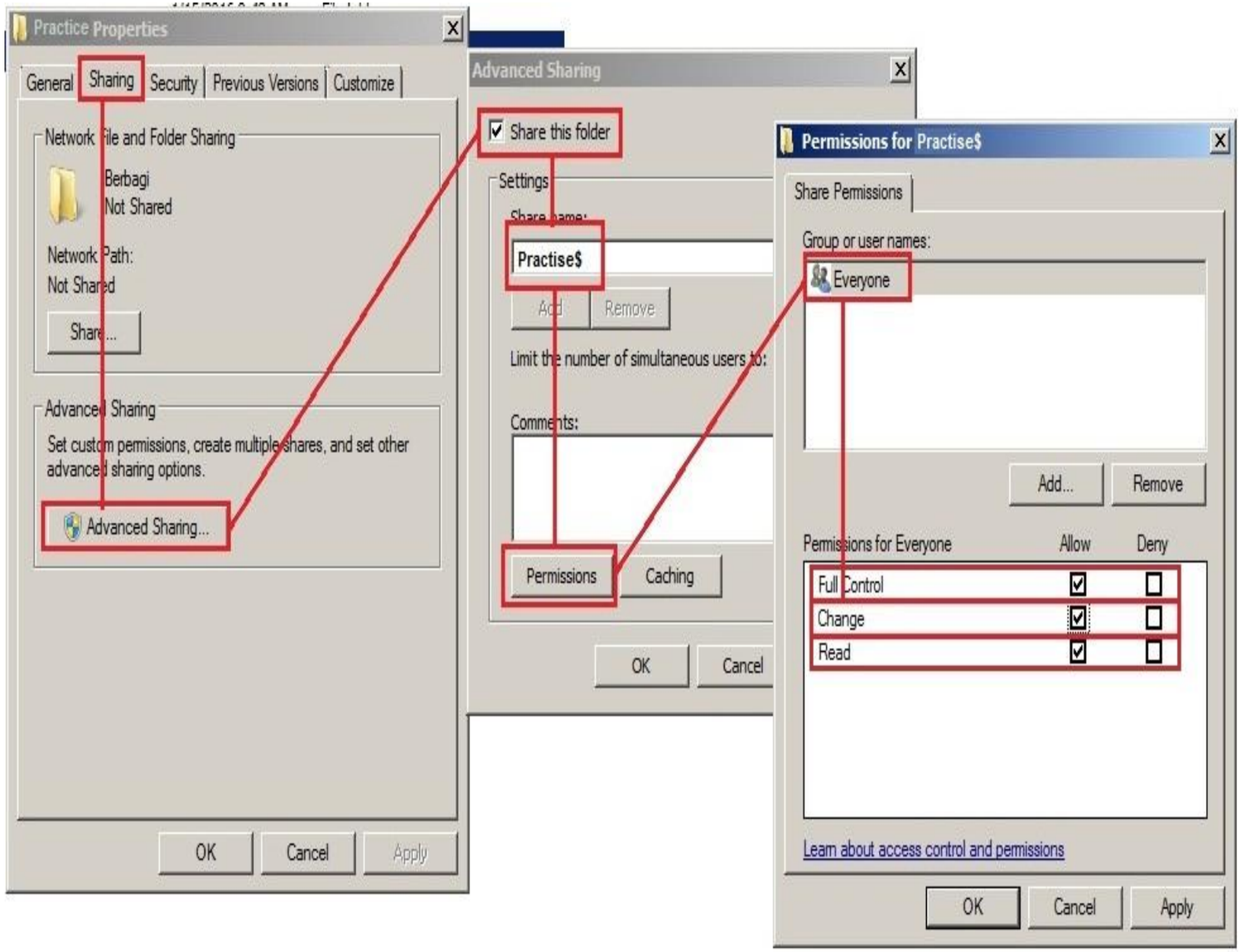
- On MY COMPUTER
- Select local disk D: / Drive D:
- Create a FOLDER
- CREATE A SIMPLE FOLDER NAME
  - e.g. CSSNCII




- Share the Folder
- (Do the process on folder sharing)

# FOLDER SHARING



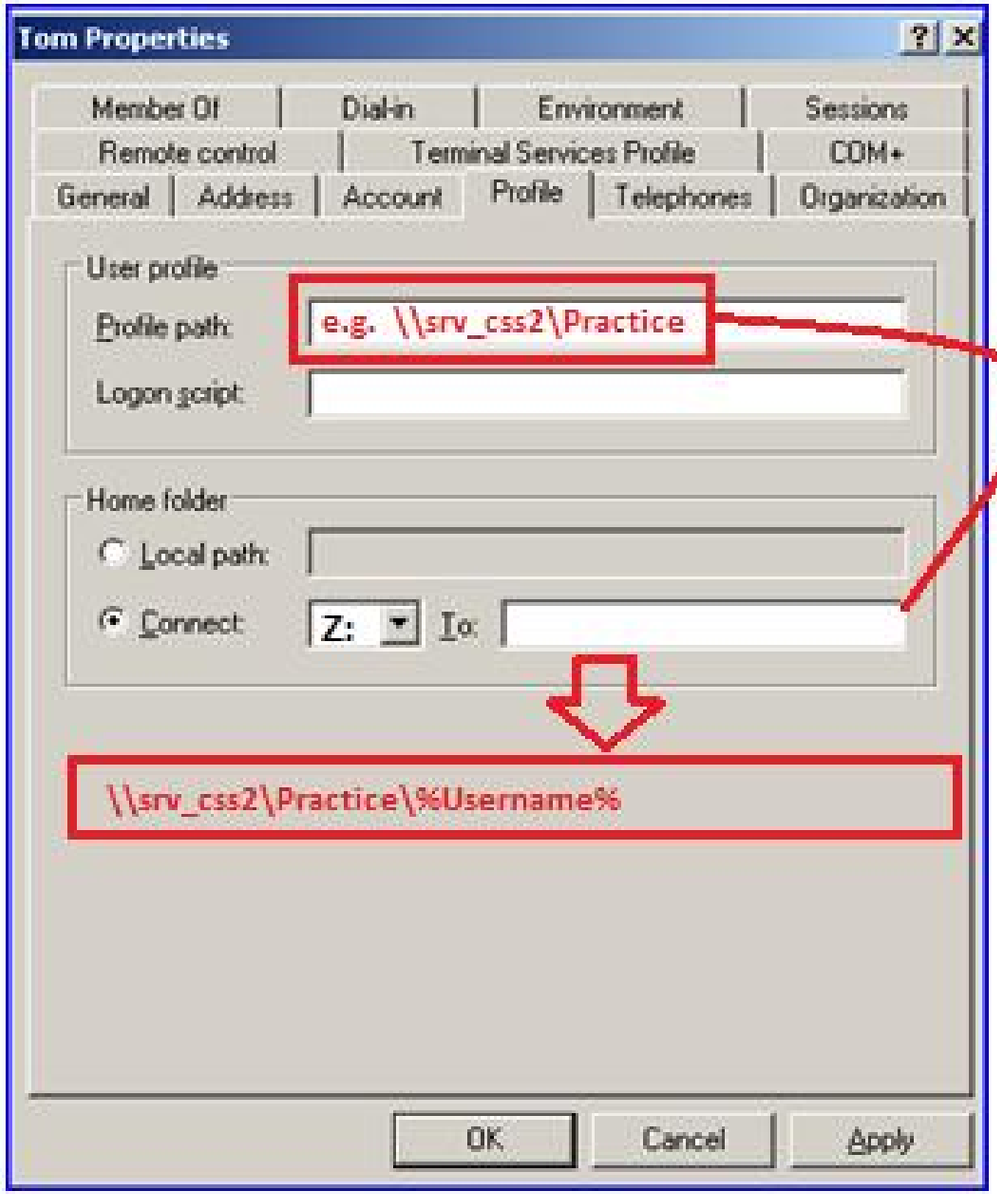

Note: **Under <u>Permission</u>**

- Remove ALL entry
- Click on ADD
- Type “Auth”

(Select or Click Check Names)

- Click OK
- Check “Full control”
- APPLY and OK

# FOLDER MAPPING




**COPY & PATSE**
**+ (ADD)**
**\%Username%**

- Right Click the FOLDER OF USER
- Select PROPERTIES
- Select Profile
- Profile Path:
  Type the (\\ComputerName\Folder)
- Login Script:
  **Copy and Paste**
  ( \\ComputerName\Folder add +
  \%Username%)
- APPLY & OK

# CONNECTING CLIENT TO SERVER

- **On *CLIENT* PC**
  - ✓ Win key + R
  - ✓ Type CMD
  - ✓ Type IPCONFIG or ipconfig .
  - ✓ Type ipconfig \release
    - ➢ Then wait
  - ✓ On the *Graphical Interface*
    - ➢ Click on NETWORK – Network and Sharing Center – Change adapter setting – Right Click - Local Area Connection(LAC) – Click on Disable then Enable.
  - ✓ Type ipconfig \renew
    - ➢ Then wait again for the new **IP ADDRESS**

# CONNECTING CLIENT TO SERVER

- **On SERVER PC**

  *(DOUBLE CHECK)*

  - ✓ START MENU – ADMIN. TOOLS – SERVER MANAGER – ROLES – DHCP – DOMAIN – IPV4 – SCOPE – ADDRESS LEASES – RIGHT CLICK ON COMPUTER – PROPERTIES – CHANGE SETTINGS – CLICK CHANGE – CLICK DOMAIN – TYPE DOMAIN  USER & PASSWORD “ADMINISTRATOR” & “Css2@16” – Enter “WELCOME TO DOMAIN” – OK – OK – Restart
  - ✓ Switch USER – USER