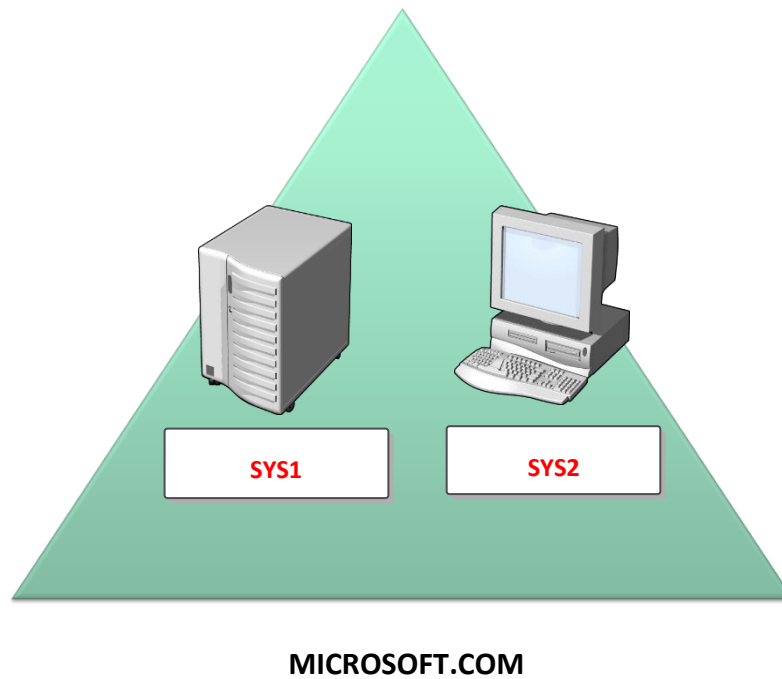


## GROUP POLICIES

### Pre-requisites:

Before working on this lab, you must have

1. A computer running windows 2012 server Domain Controller.
2. A computer running windows 2012 server or Windows 7.



### SYS1

#### Domain Controller

|               |           |
|---------------|-----------|
| IP Address    | 10.0.0.1  |
| Subnet Mask   | 255.0.0.0 |
| Preferred DNS | 10.0.0.1  |

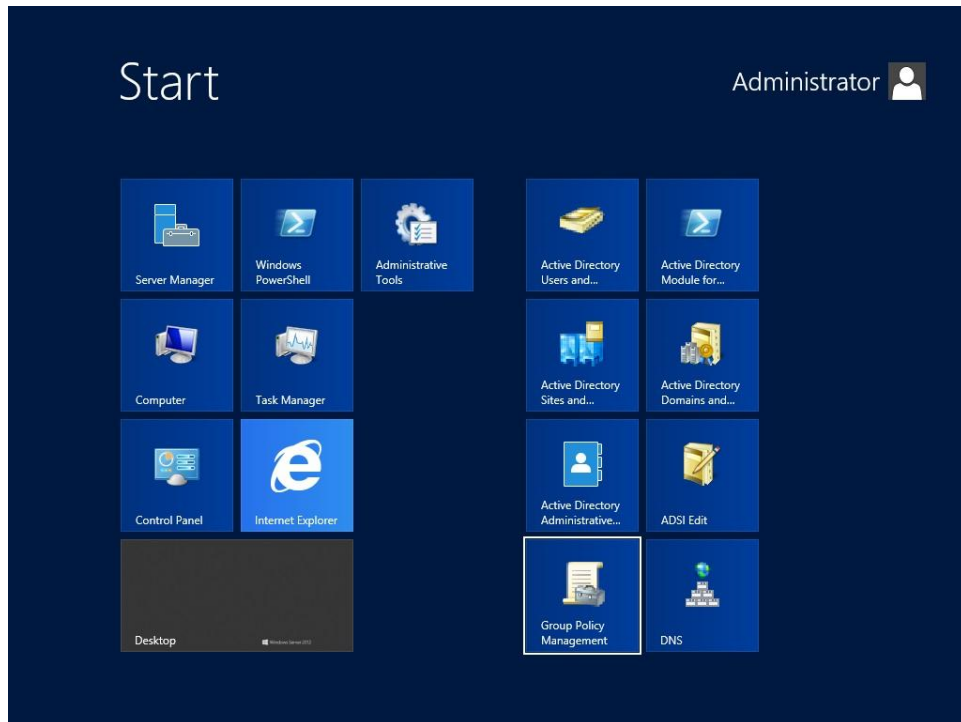
### SYS2

#### Member Server / Client

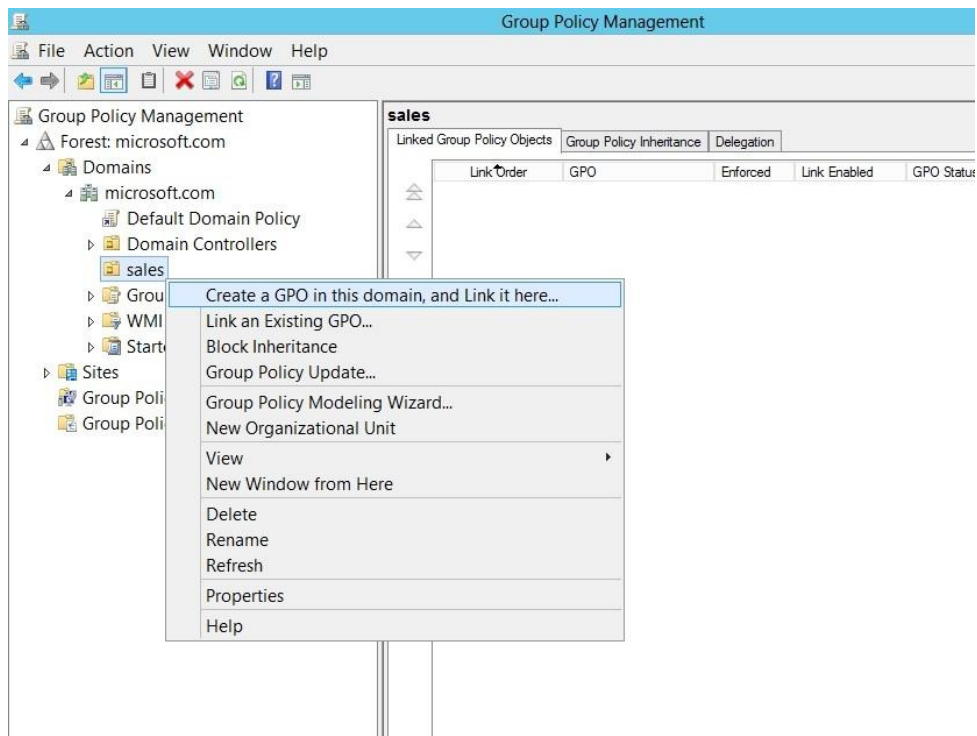
|               |           |
|---------------|-----------|
| IP Address    | 10.0.0.2  |
| Subnet Mask   | 255.0.0.0 |
| Preferred DNS | 10.0.0.1  |

## **Lab – 1: Applying Group Policy on Organizational Unit Level**

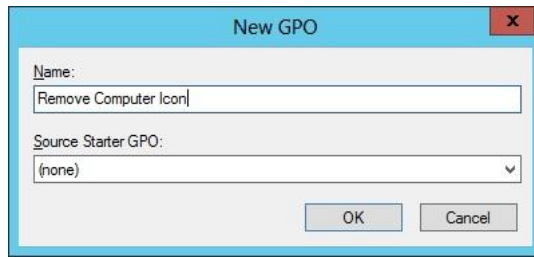
1. Press Windows Key to go to Start, select **Group Policy Management**.



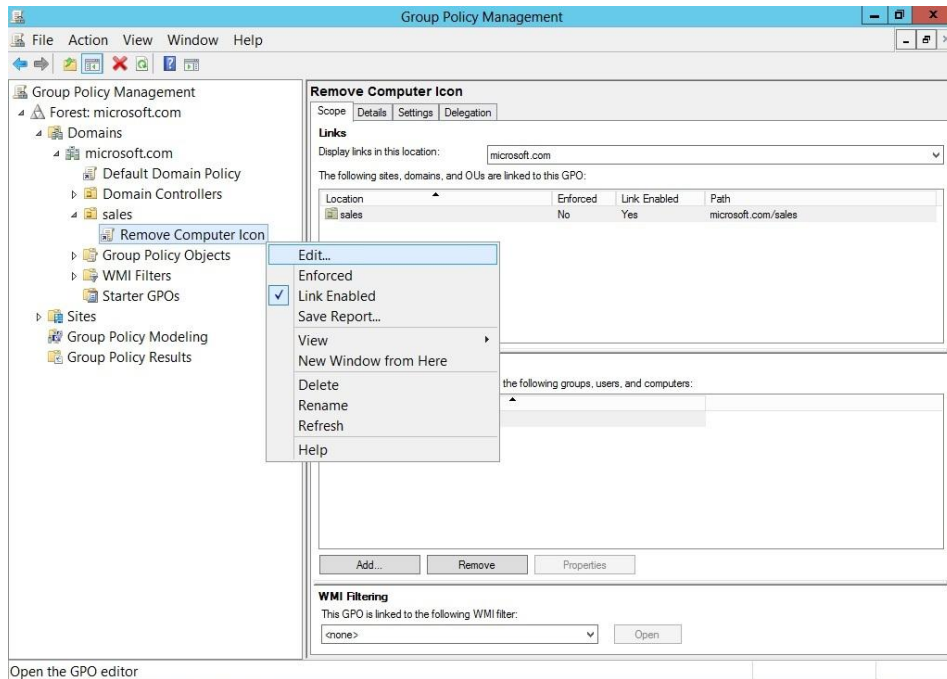
2. Right click OU (**Sales**) → **Create a GPO in this domain and Link it here.**



- Enter any name to GPO Link (Ex: **Remove Computer Icon**) and click **OK**.

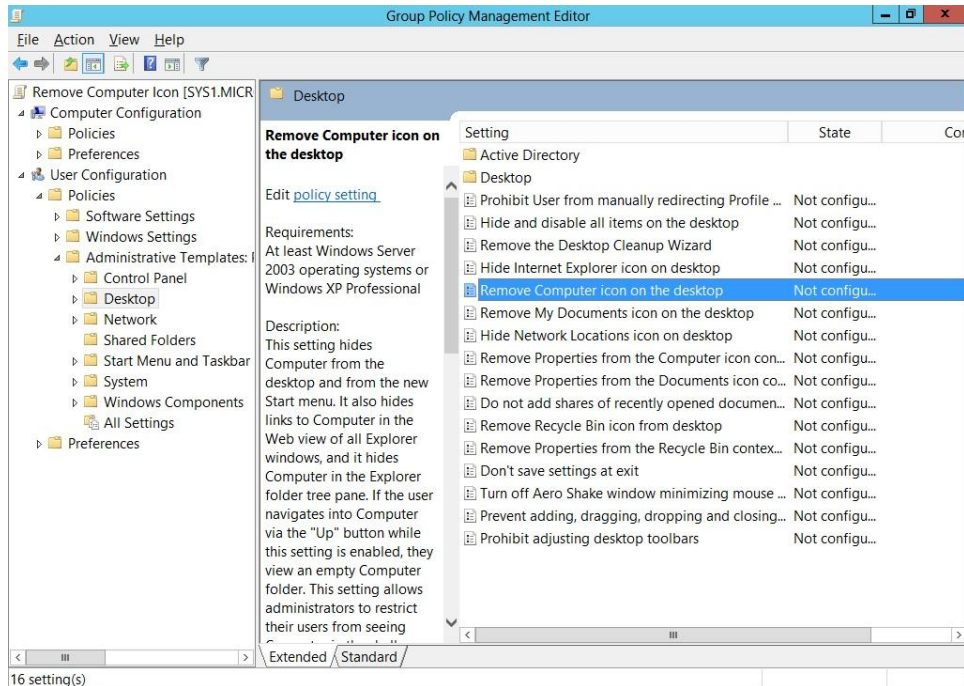


- Right Click created GPO Link → **Edit**

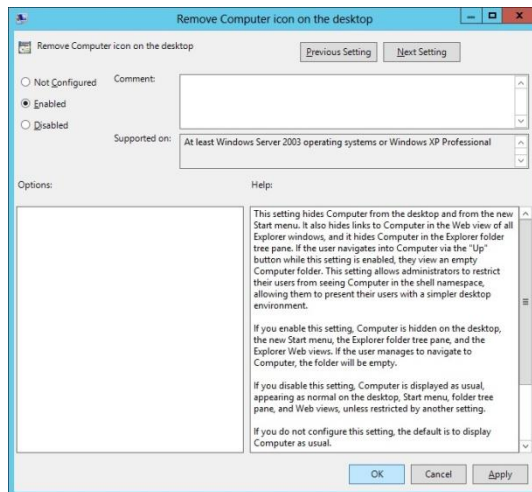


- In Group Policy Management Editor Window, Go to **User Configuration** → **Policies** → **Administrative Templates** → **Desktop**.

6. Select a policy (**Remove Computer icon on the Desktop**) on right side of the screen, Right Click and select **Properties**.

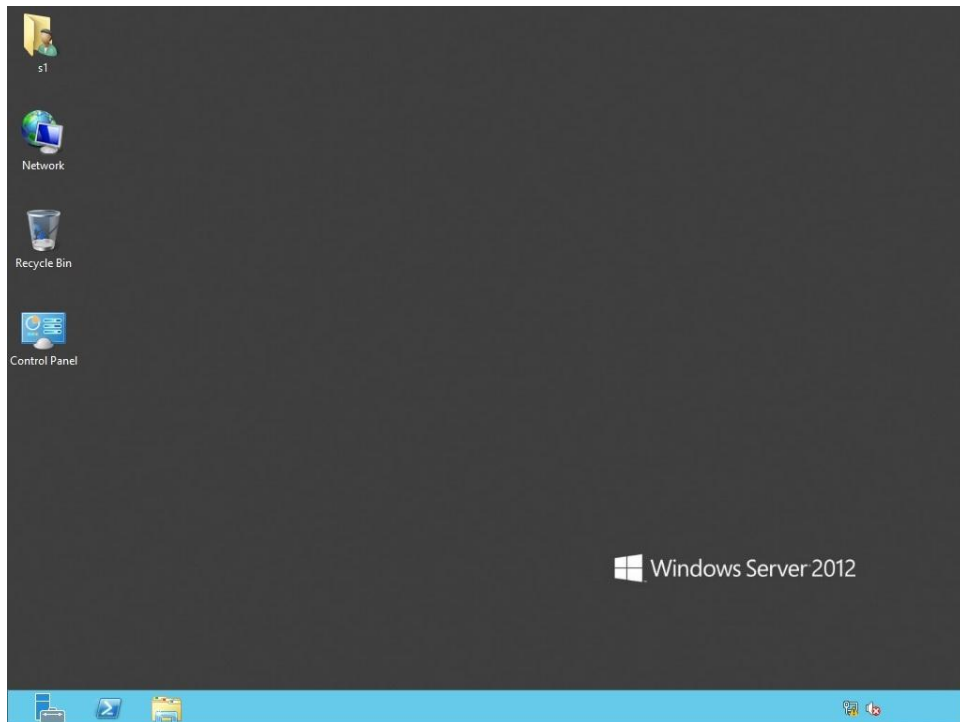


7. Select **Enabled** option and click **Apply** and **OK**.



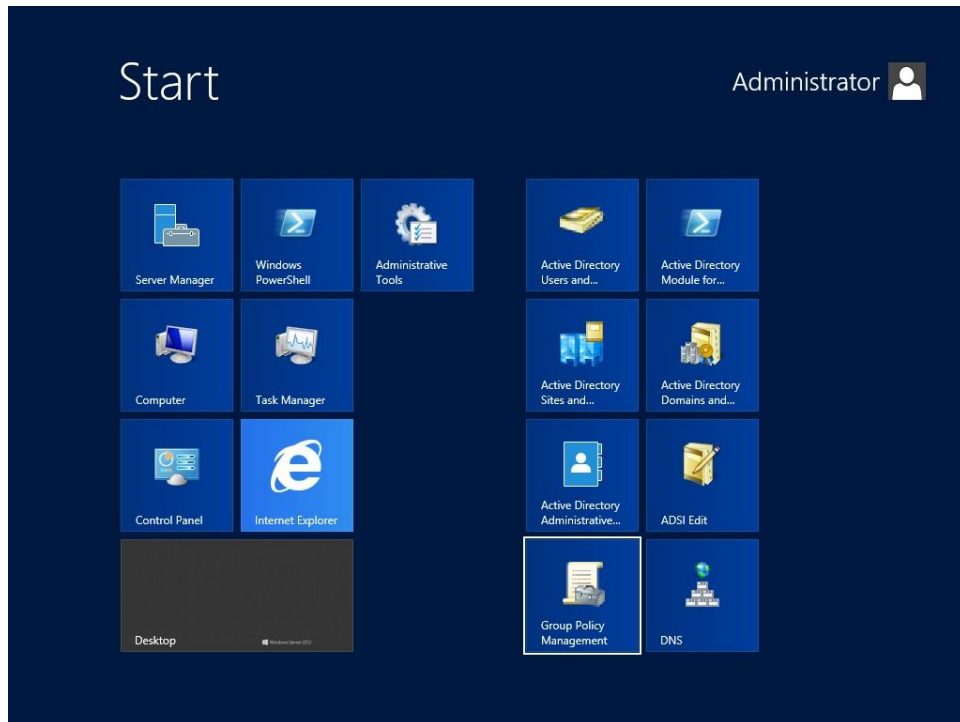
**Verification:**

1. Logon to client system as salesouuser (s1) and verify the changes because of the policy.

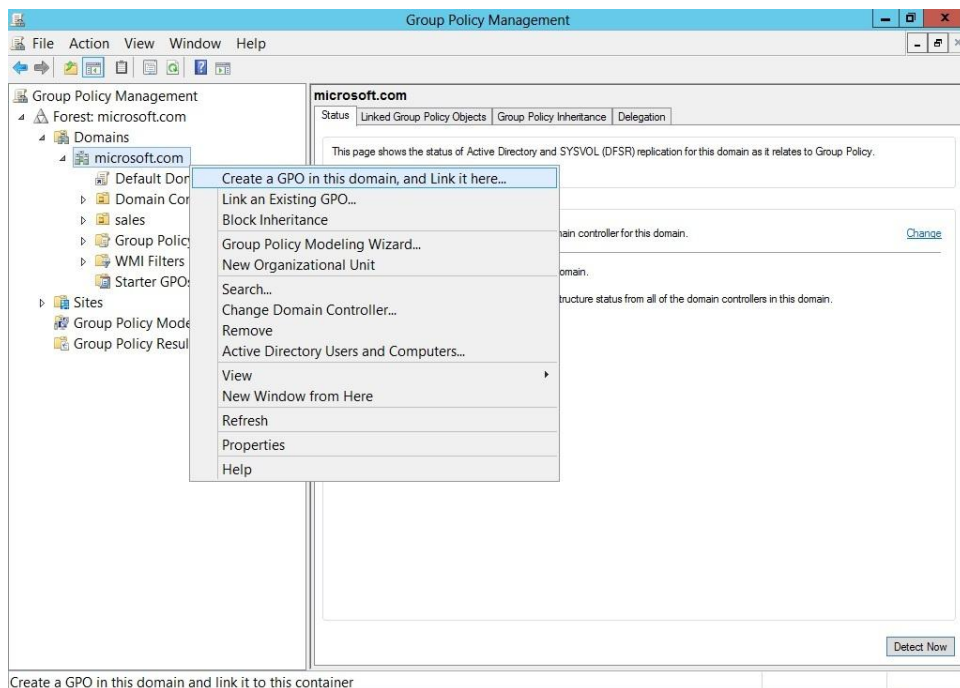


## Lab – 2: Applying Group Policy on Domain Level

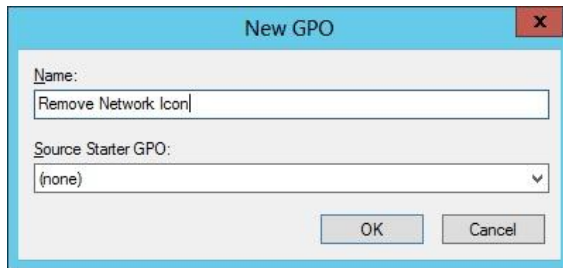
1. Press Windows Key to go to Start, select **Group Policy Management**.



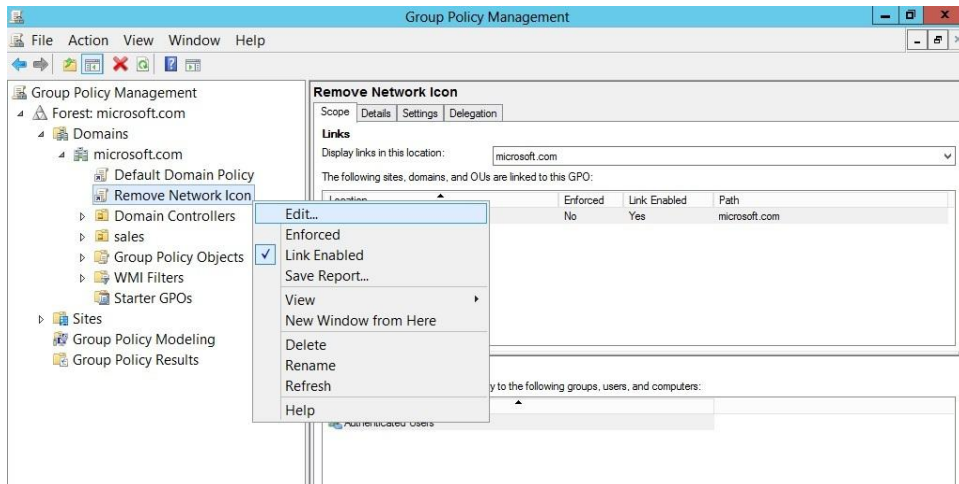
2. Right click Domain name (**MICROSOFT.COM**) and select **Create a GPO in this domain and Link it here**.



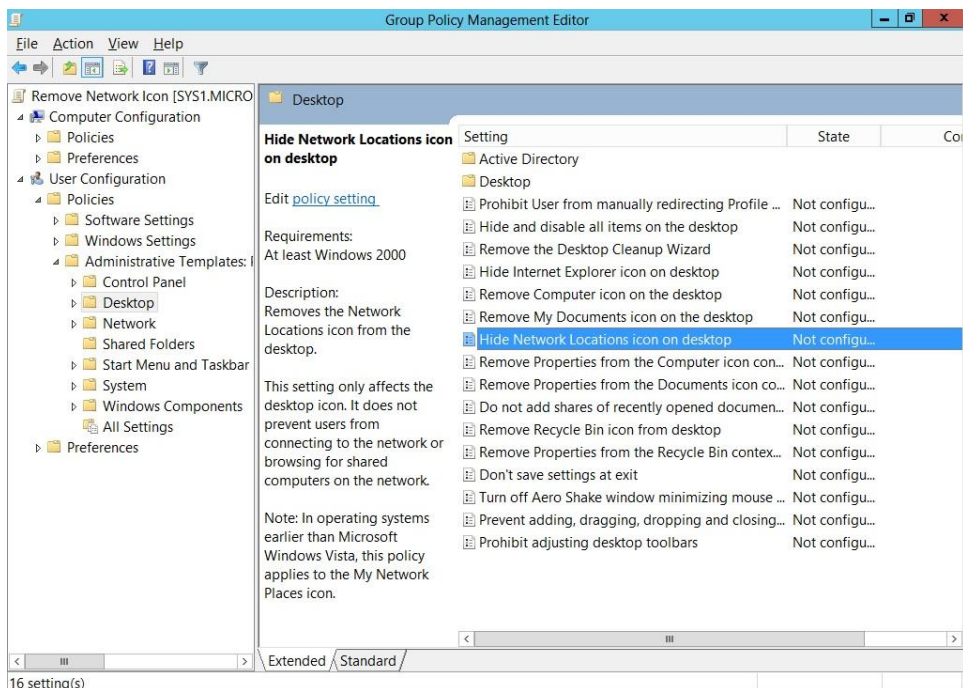
- Enter New GPO Link name Ex: **Remove Network Icon** and click **OK**.



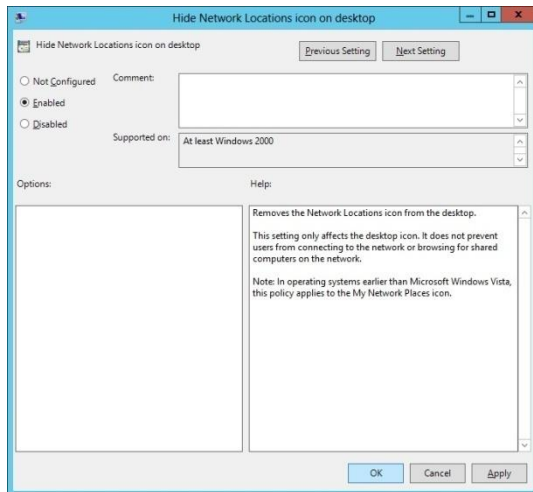
- Select the Created GPO → Right Click Created GPO → Select **Edit**.



- In the Group Policy Management editor window, Go to **User Configuration→Policies→Administrative Templates →Desktop**
- Select a policy (**Hide Network Icon on desktop**) right side of the screen, Right Click and select **Properties**.

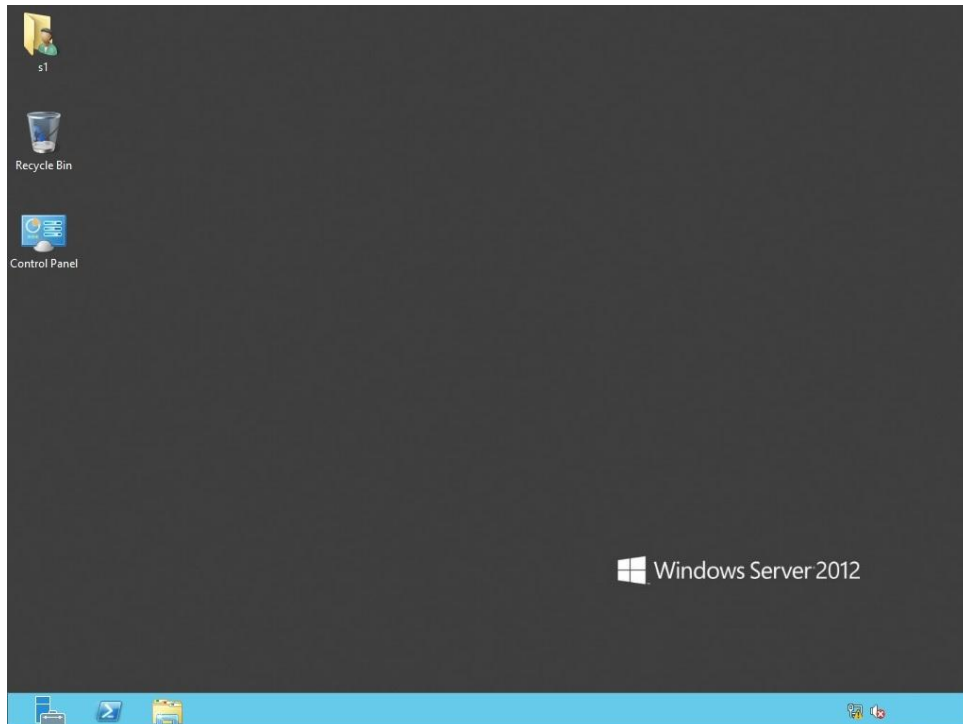


7. Select **Enabled** option and click **Apply** and **OK**



**Verification:**

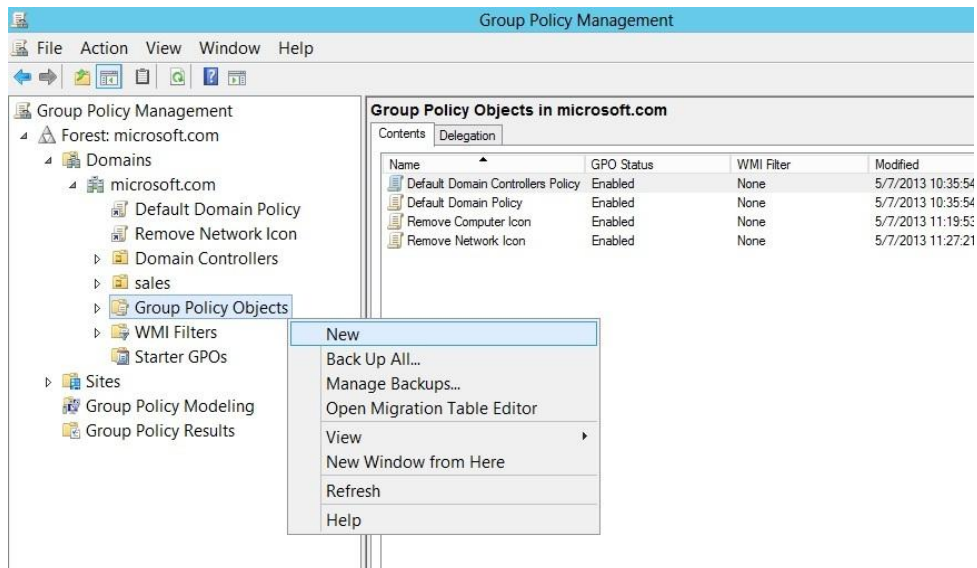
1. Login as User (**S1**) to **Client** or **MemberServer** and Verify for the changes.



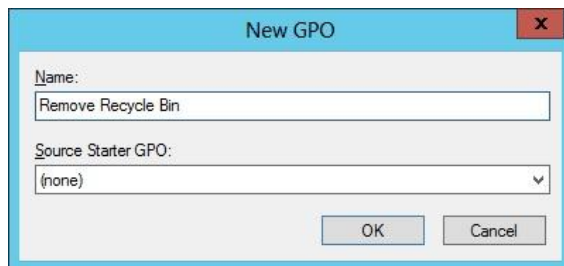


### Lab – 3: Applying Group Policy on Site Level

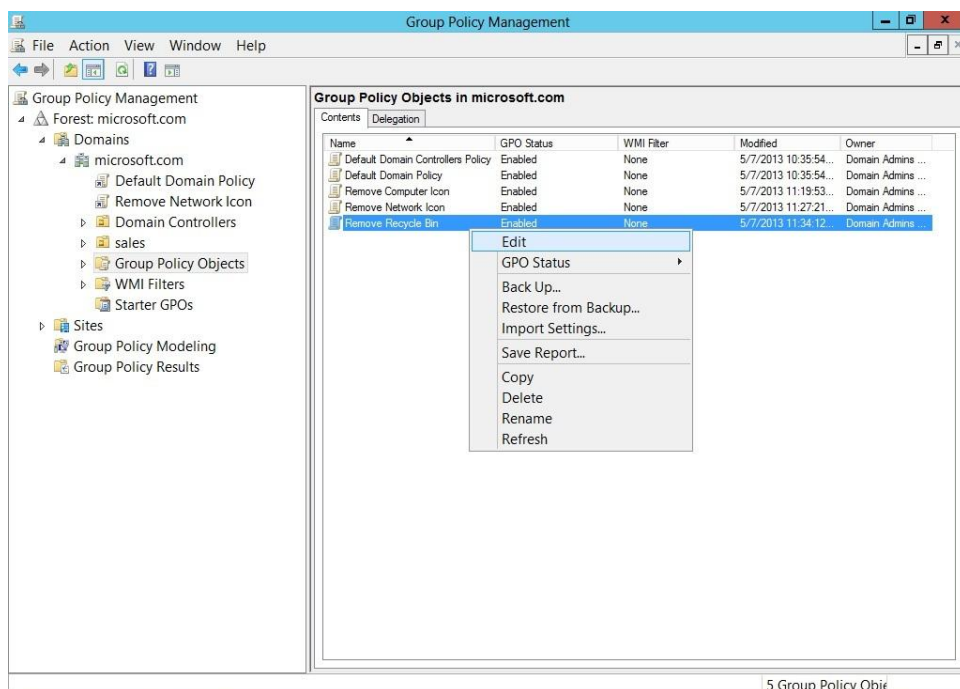
1. Go to Start, **Group Policy Management** → Right click **Group Policy Objects** → Select **New**.



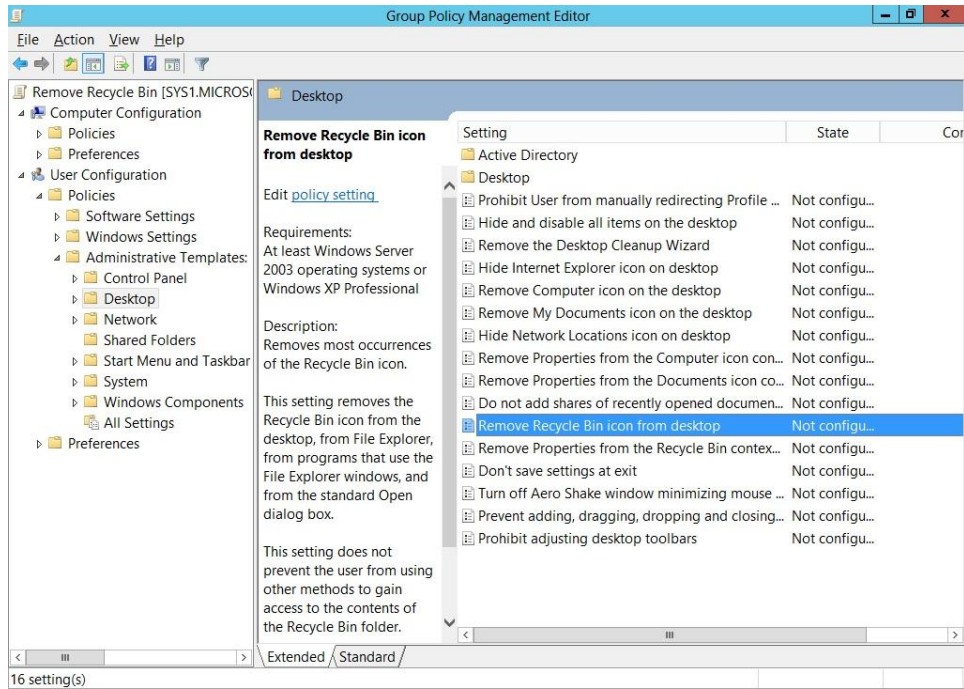
2. Enter New GPO Link name Ex: **Remove Recycle Bin** and click **OK**.



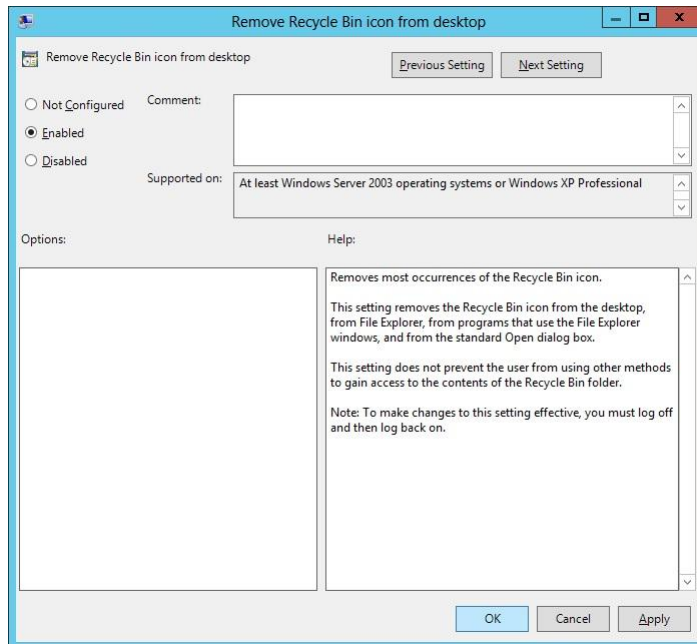
3. Select the Created GPO → Right Click Created GPO → Select **Edit**.



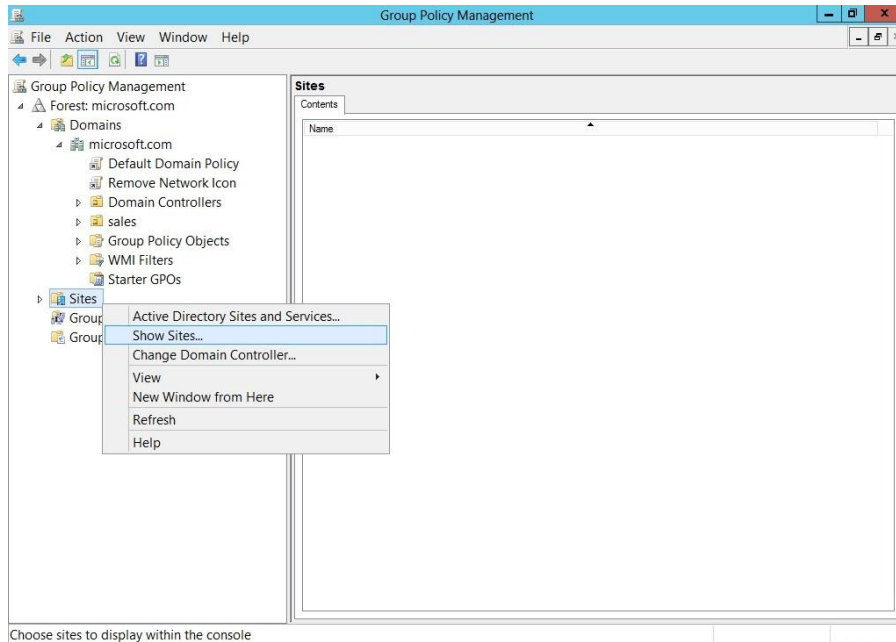
4. Select User Configuration → Policies → Administrative Templates → Desktop, select **Remove RecycleBin icon from desktop**.



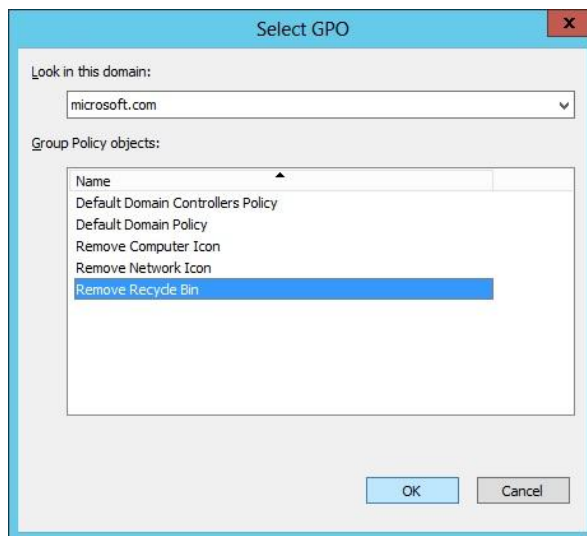
5. Right click **Remove Recycle Bin icon from desktop** → Properties, select **Enabled** → **OK** → **Close**.



6. Right click **Sites**→select **Show Sites**→check **Default-First-Site-Name**→click **OK**→Right Click **Default-First-Site-Name**→select **Link an Existing GPO....**



7. Select an existing GPO, (**Remove Recycle Bin**) click **OK**.

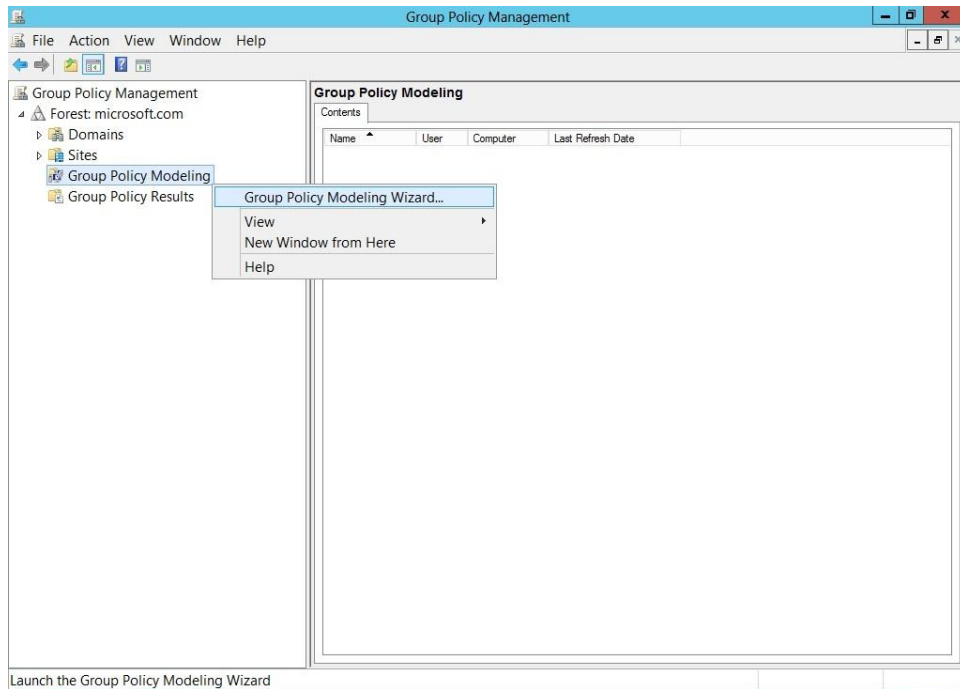


### **Verification:**

1. Login as a user to **Client** or **MemberServer**, and Verify for the changes.

## Lab – 4: Applying Group Policy Modeling

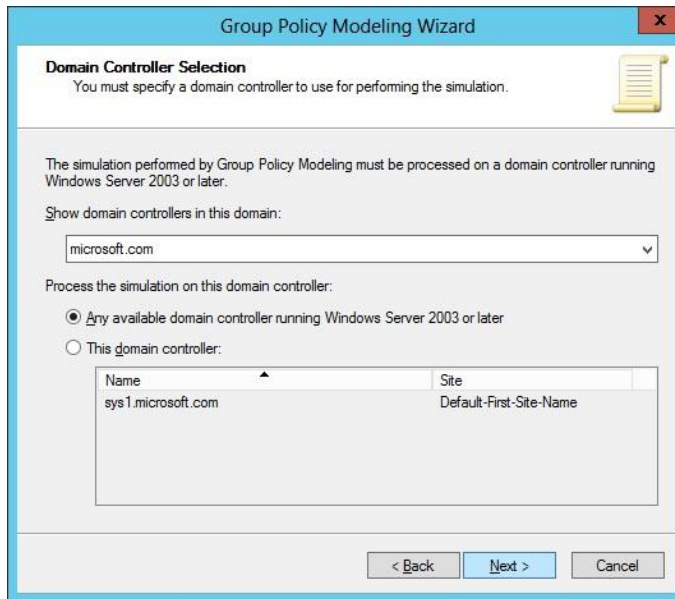
1. Go to Group Policy Management → Right Click **Group Policy Modeling** and Select **Group Policy Modeling Wizard**.



2. Click **Next**.



3. Select the domain name and click **Next**.



**Group Policy Modeling Wizard**

**Domain Controller Selection**  
You must specify a domain controller to use for performing the simulation.

The simulation performed by Group Policy Modeling must be processed on a domain controller running Windows Server 2003 or later.

Show domain controllers in this domain:  
microsoft.com

Process the simulation on this domain controller:

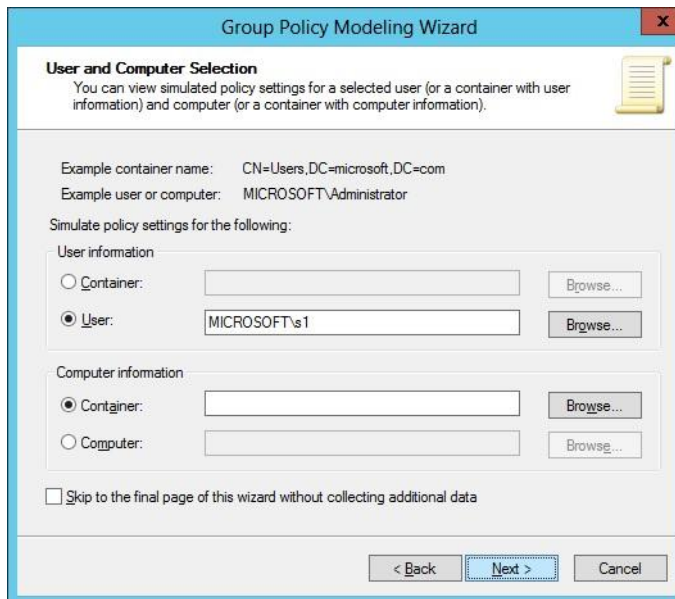
☒ Any available domain controller running Windows Server 2003 or later

☐ This domain controller:

| Name               | Site                    |
|--------------------|-------------------------|
| sys1.microsoft.com | Default-First-Site-Name |

< Back   Next >   Cancel

4. Select User and click Browse → enter the Username (**S1**) → click **OK** and **Next**.



**Group Policy Modeling Wizard**

**User and Computer Selection**  
You can view simulated policy settings for a selected user (or a container with user information) and computer (or a container with computer information).

Example container name: CN=Users,DC=microsoft,DC=com  
Example user or computer: MICROSOFT\Administrator

Simulate policy settings for the following:

User information

☐ Container: [ ] Browse...

☒ User: MICROSOFT\S1 Browse...

Computer information

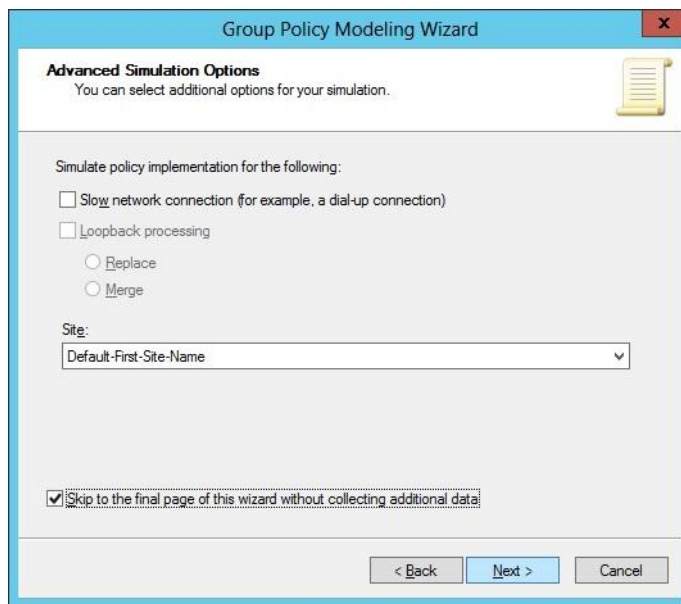
☒ Container: [ ] Browse...

☐ Computer: [ ] Browse...

☐ Skip to the final page of this wizard without collecting additional data

< Back   Next >   Cancel

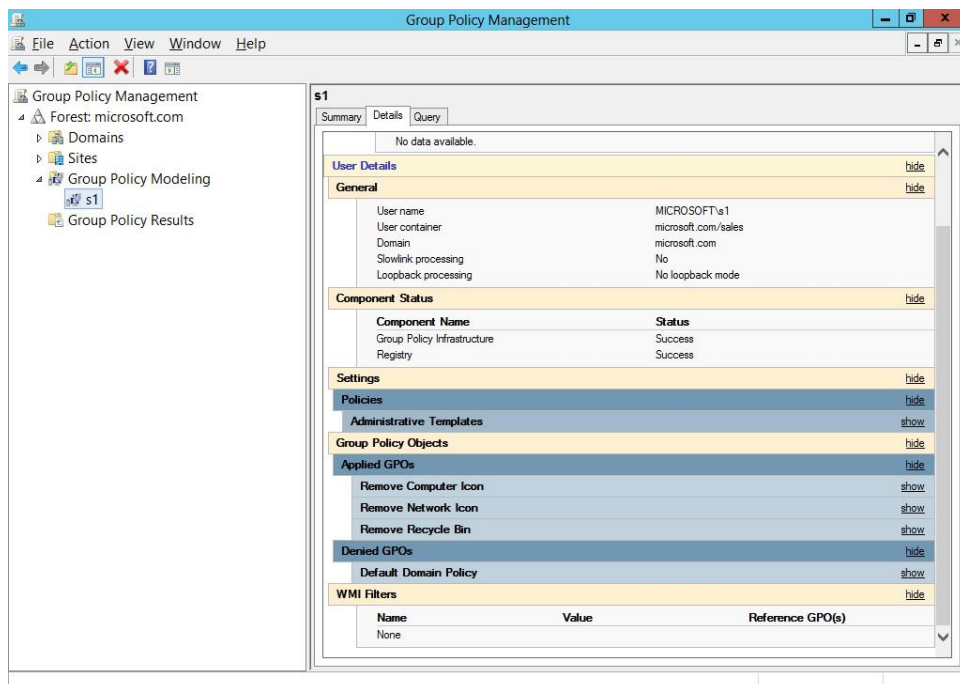
- Select the site (**Default-First-site-Name**) and check skip to final page, click **Next**.



- Click **Next** → **Finish**.

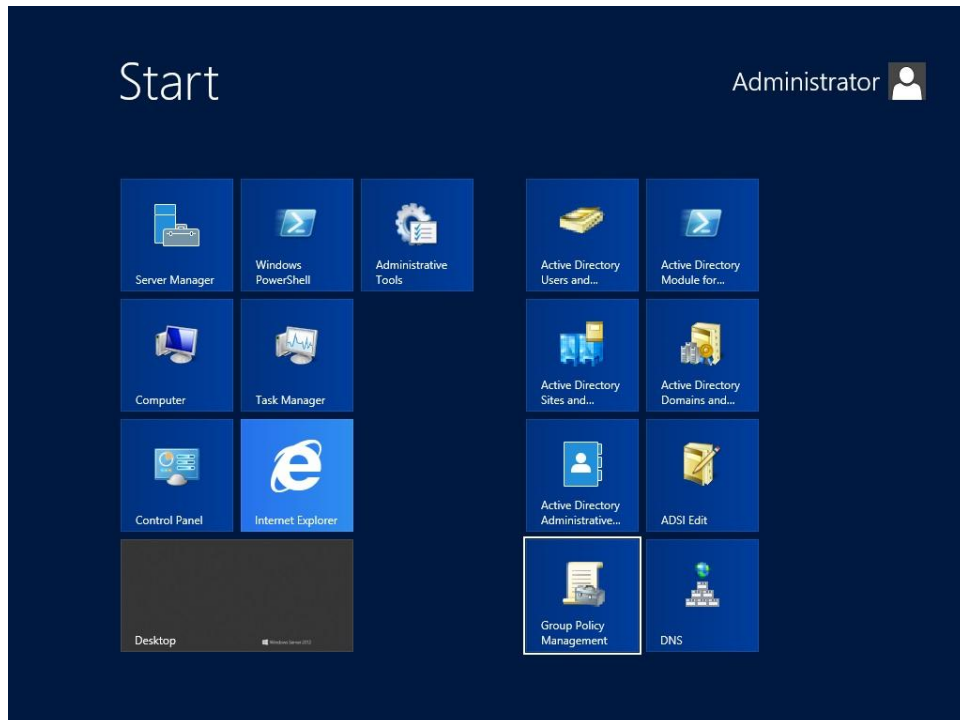
### Verification:

- Click Details on the summary page and verify the policies applied on the User.

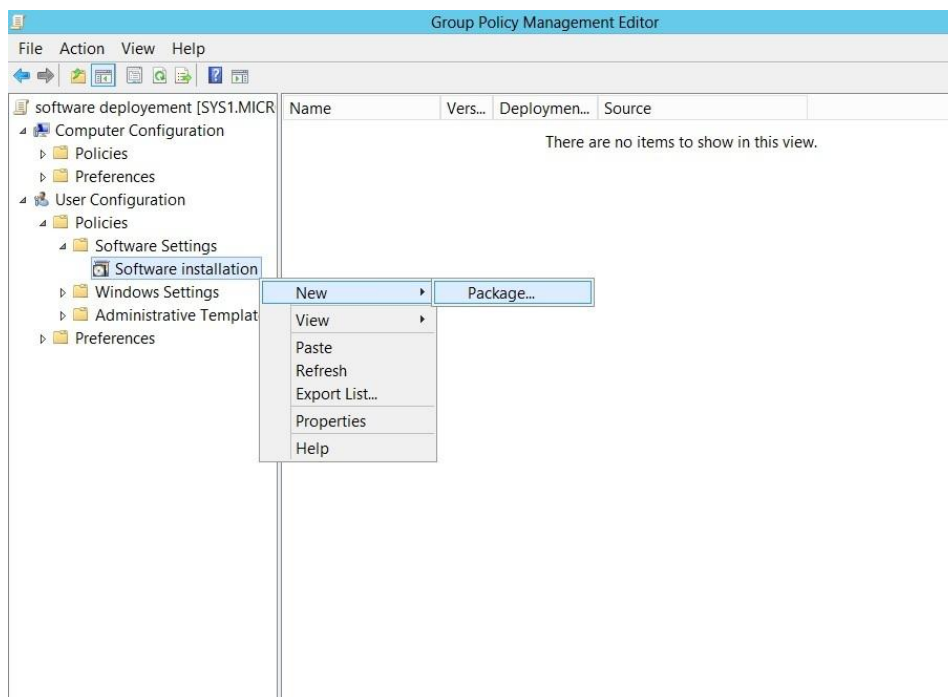


### Lab – 5: Applying Software Deployment Policy

1. Logon to D.C as Administrator, Create a Shared folder with (.msi) applications in it
2. Go to **Group Policy Management**.

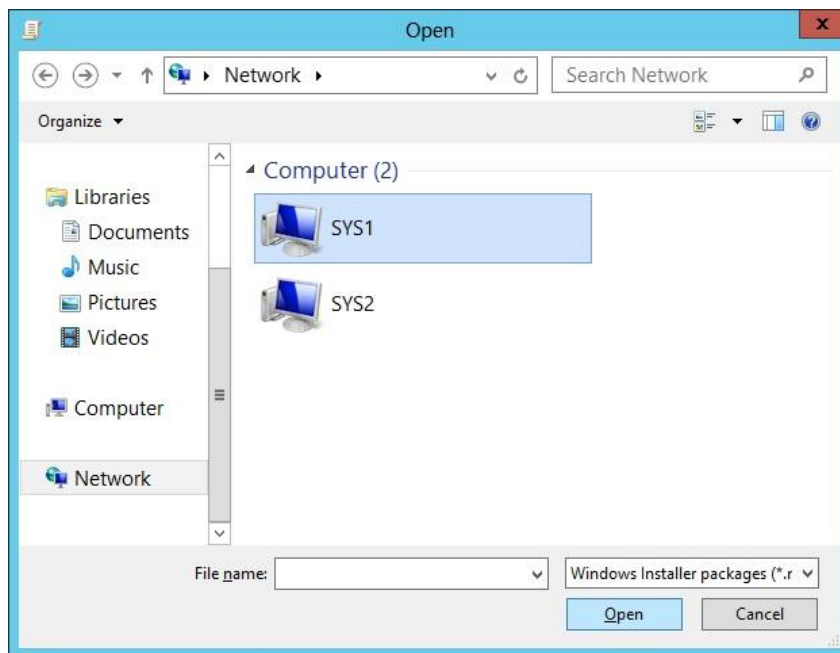


3. Right click OU (**Sales1**) → **Create a GPO in this domain and Link it here** → Enter the name (Software Deployment) → click **OK**, Right click the policy and click **Edit**.
4. User Configuration → Expand Policies → Expand Software settings → Right click Software Installation → Select **New** → **Package**

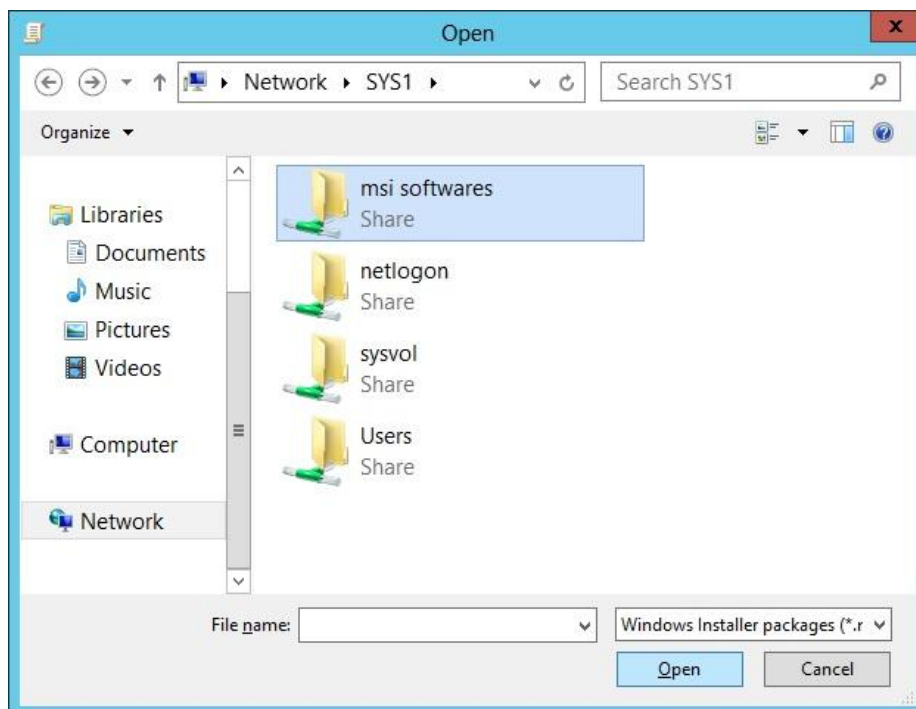




5. From the left pane, select Network, Open**SYS1** (Servercontaining shared folder).

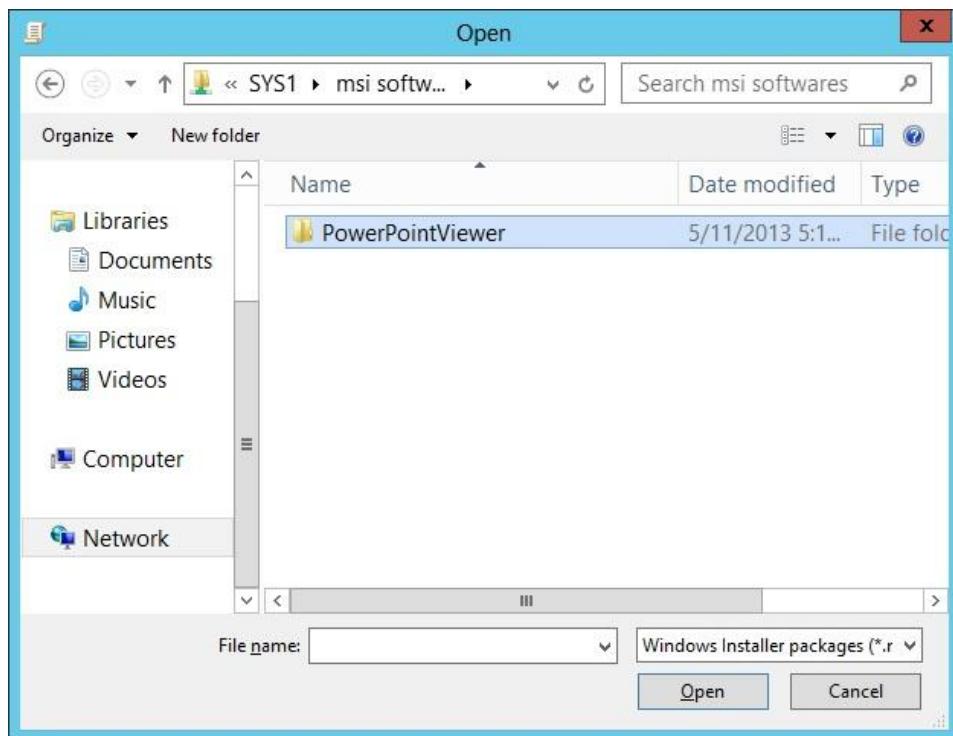


6. Select the **MSI SoftwaresShared** Folder→ click **Open**.

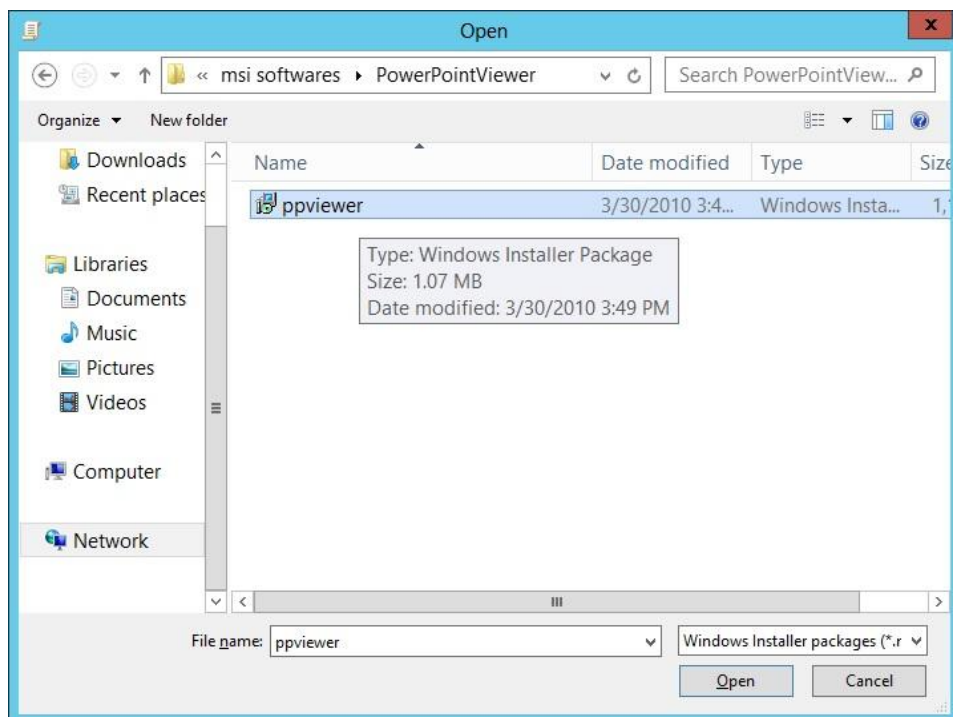




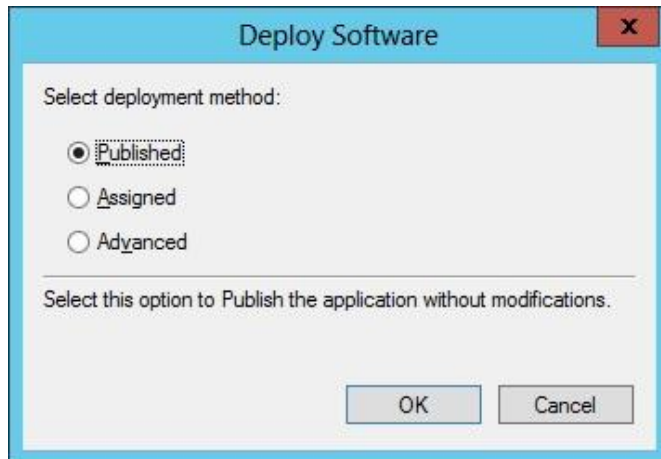
7. Select the Application Folder (**PowerPointViewer**) → click **Open**.



8. Select the Application (**PPVIEWER**) → click **Open**.

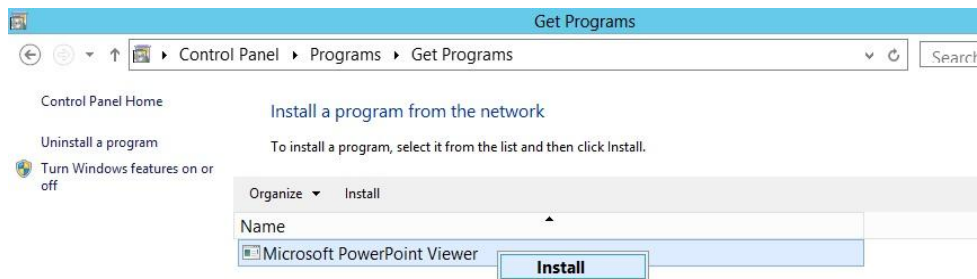


9. Select the **Method to Deploy Application (Published)** and click **OK**.



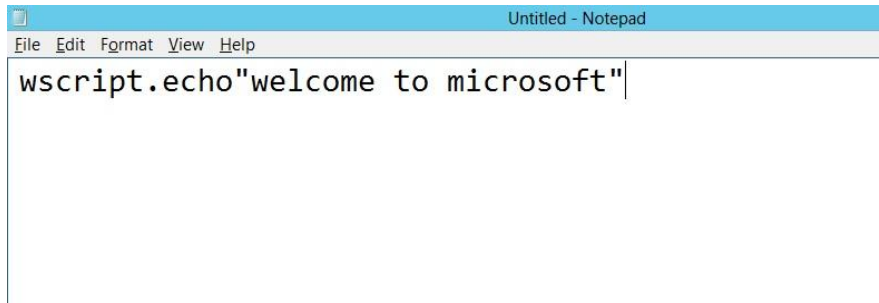
### Verification:

1. Go to Member Server and login as **user1**.
2. Go to Control Panel, click **Programs and Features**.
3. Click **Install a Program from the Network**, Select the **Application** and **Install**

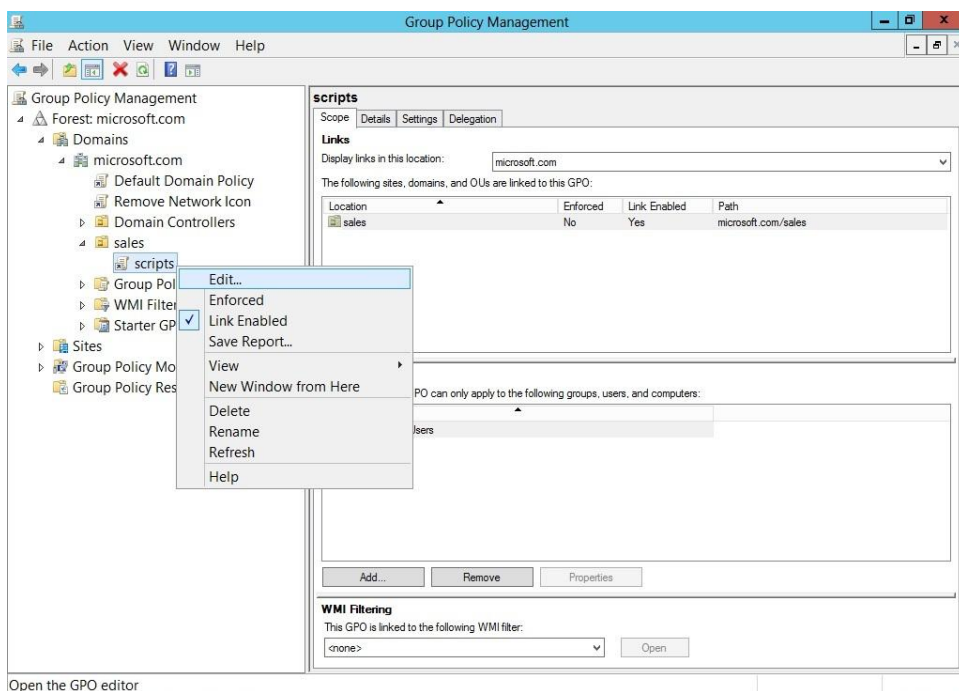


**Lab – 6: Applying Scripts using Group Policy.**

1. Log on to D.C, create a Shared Folder **UserScripts** with Everyone as co-owner.
2. Go to Start, type Notepad in Search Apps, and select **Notepad**.
3. Enter the text **wscript.echo "Welcome to Microsoft"**

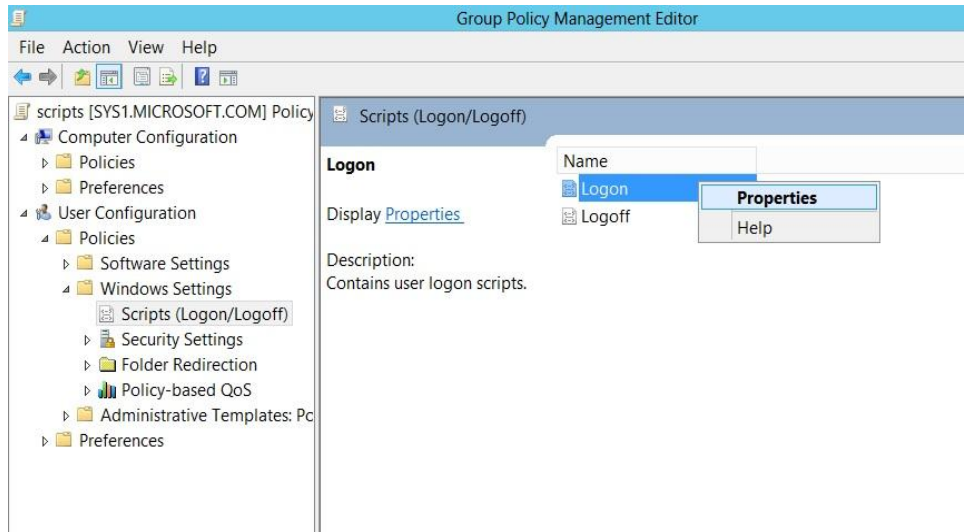


4. Save the file in the Shared folder **UserScripts** as **Logon.vbe**
5. Go to Group Policy Management → Right click **OU (Sales1)** → **Create a GPO in this domain and Link it here** and enter the name **Script**, click **OK**, Select the GPO Right Click and select **Edit**.

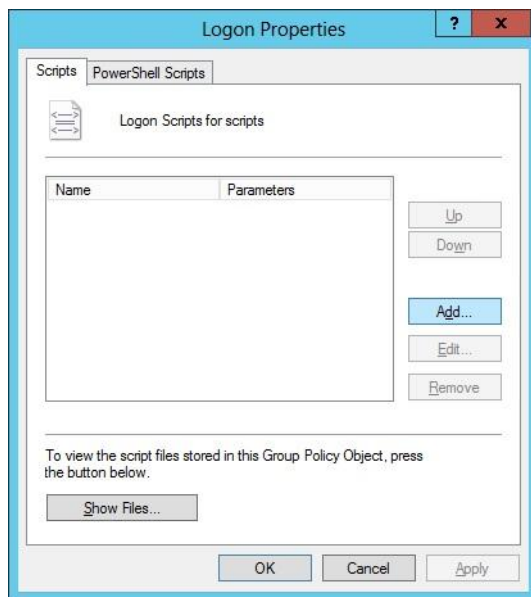


Open the GPO editor

6. Expand User Configuration→Expand Policies→Windows Settings→Scripts  
→Logon →**Properties**.



7. Click **Add**.



8. Enter the UNC path for the Script in the shared folder  
\\SYS1\Userscripts\logon.vbe and click **OK**→**Apply** and **OK**.

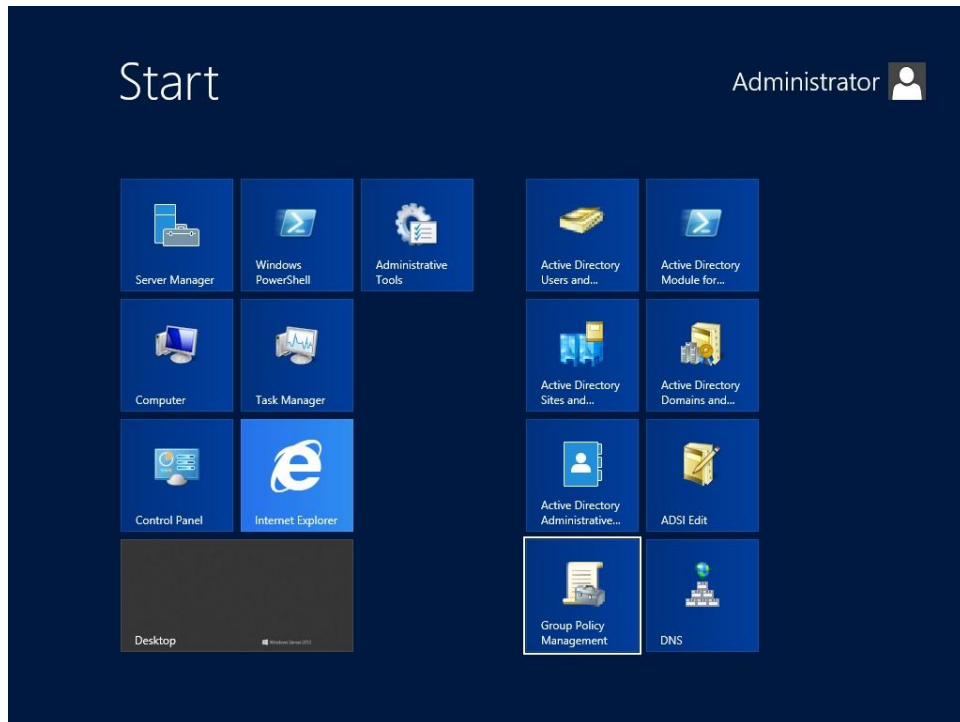
### **Verification:**

1. Go to Member Server and login as USER1 and verify for the **Message**.

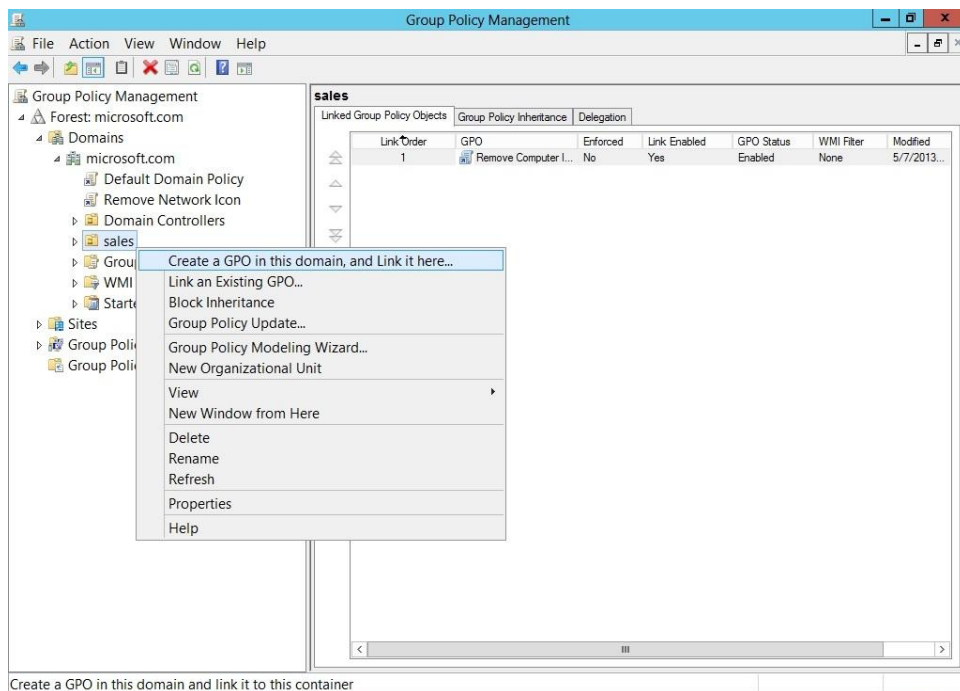


### Lab – 7: Applying Folder Redirection

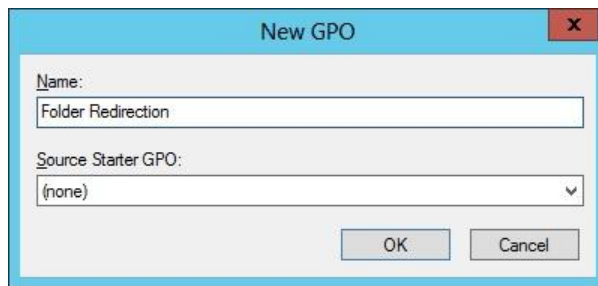
1. Go to D.C, create a Shared Folder (Folder Redirection) with everyone Co-Owner.
2. Press Windows Key to go to Start, select **Group Policy Management**.



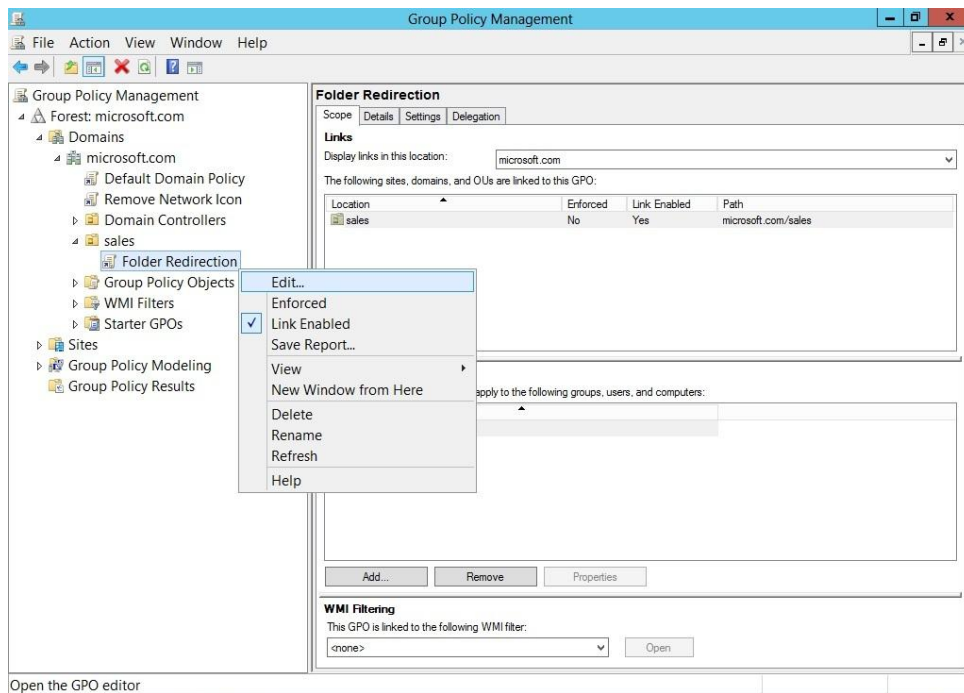
3. Right click OU (**Sales**)→Select **Create a GPO...**



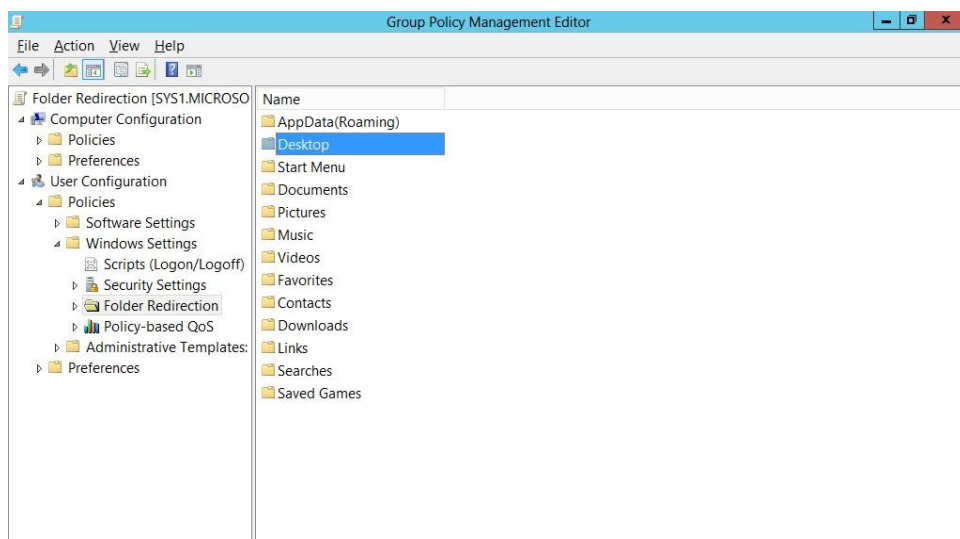
4. Enter name (Ex: **Folder Redirection**) and click **OK**.



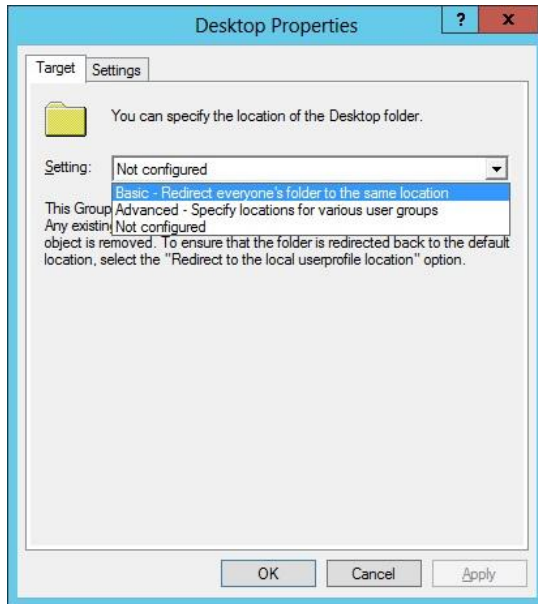
5. Right Click created GPO, select **Edit**.



6. Expand User configuration → Policies → Windows Settings → Folder Redirection → Select Desktop → Right click **Desktop** → Select **Properties**



7. Select **Basic** Redirection, select **Create a folder for each user under the root path**, click **Browse**→select the shared folder from Network,\\SYS1\Folder Redirection, click **Apply** and **OK**.



### Verification:

1. Login as user (**S1**) in client system.
2. Create a folder on desktop, Right Click on the folder → **properties** and check the path, it should show **Network path (\\SYS1\FolderRedirection\S1\Desktop)**.

