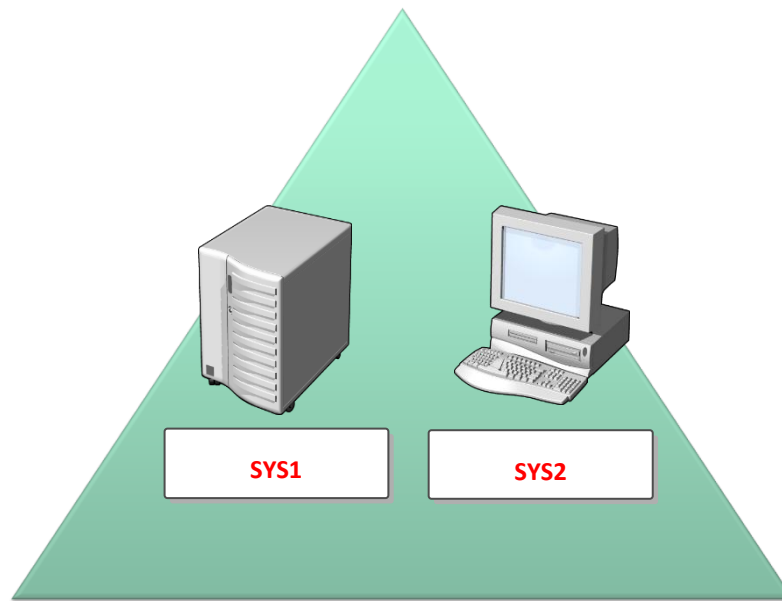


PROFILES&FILE SERVER RESOURCE MANAGER

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.



MICROSOFT.COM

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

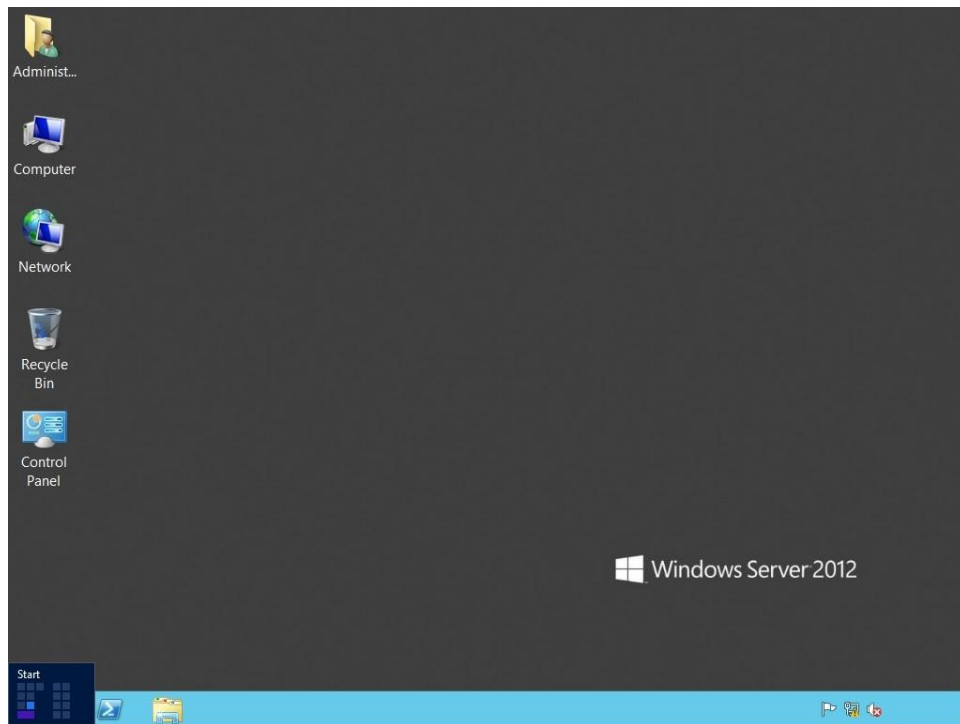
IP Address	10.0.0.2
Subnet Mask	255.0.0.0
Preferred DNS	10.0.0.1

Lab – 1: Configuring Local Profiles

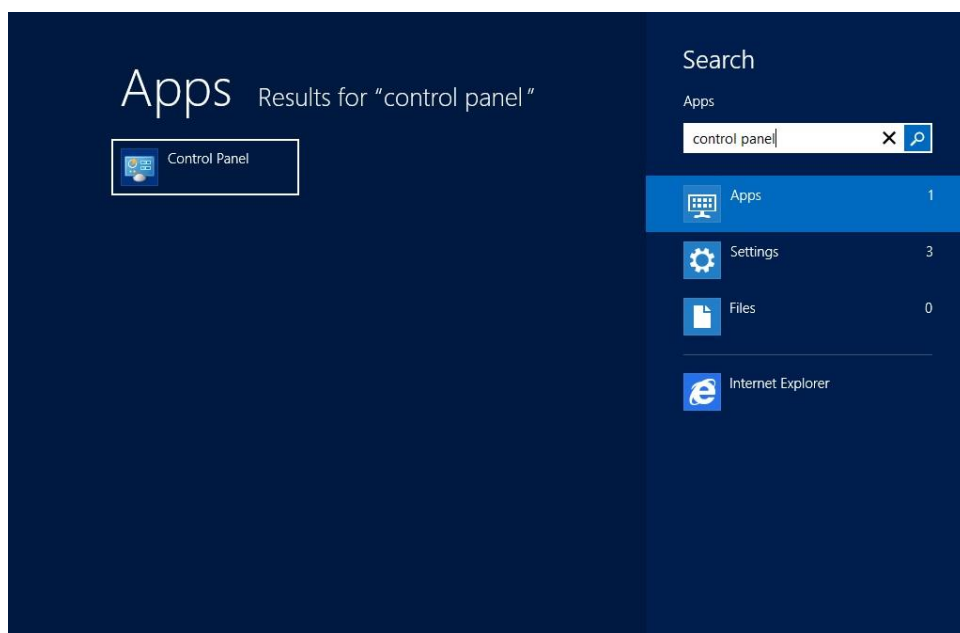
1. Log on to **Domain Controller** as **Administrator**.
2. Go to **Active Directory Users and Computers** and create **Users** (Ex: user1, user2).

Verification:

1. Login as **User (user1)** on **Client or Member Server**.
2. Press Windows key to go Start,



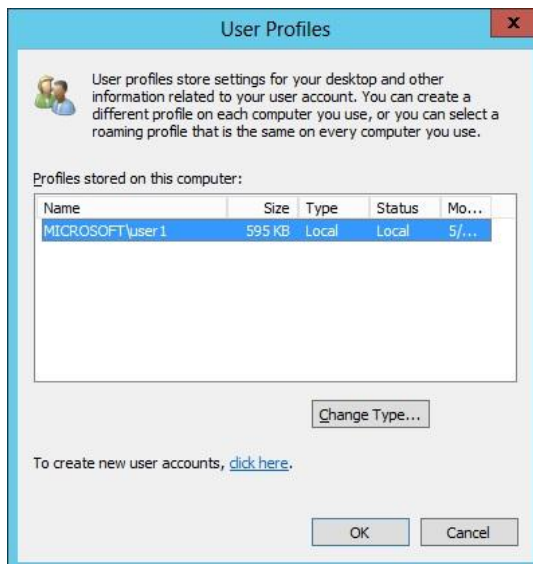
3. Type Control Panel in Search Apps, and select **Control Panel**.



4. In Control Panel search bar, type **user profile**, select **Configure advanced user profile properties**.



5. Verify for User**ProfileType** and **Status** to be **Local**.



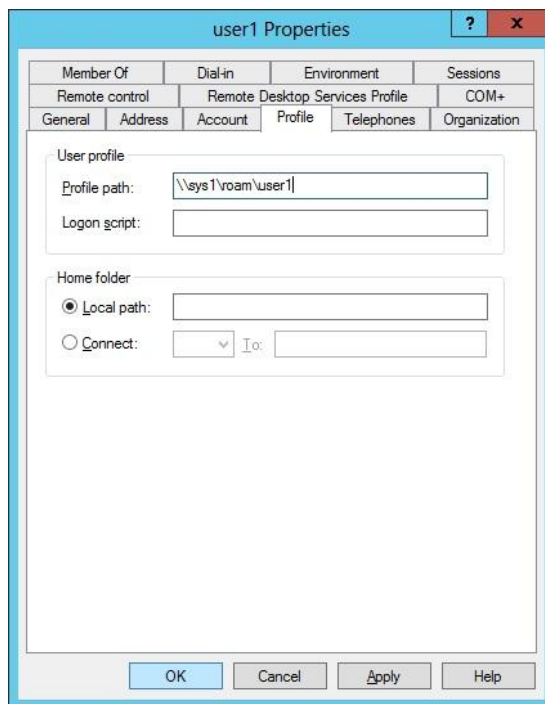
6. Create some files on desktop and go to C: drive → Open Users → Open the user profile(user1) folder → open desktop folder → verify for the files created on Desktop.

Lab – 2: Configuring Roaming Profiles

1. Log on to D.Cas Administrator, Open **Computer** → Go to a drive and create a shared folder **roam** with **Everyone Read/Write** permission.
2. Go to **Active Directory Users and Computers** → Expand the Domain Name (**MICROSOFT.COM**) → click **Users** → Right click the User(**user1**) and select **Properties** and select the **Profile** tab.
3. Under User profile → enter profile path as

Syntax: **\\Servername\Shared FolderName\User Name**

Example: **\\SYS1\roam\user1.**



The screenshot shows the 'user1 Properties' dialog box with the 'Profile' tab selected. The 'User profile' section has 'Profile path' set to '\\sys1\roam\user1'. The 'Home folder' section has 'Local path' selected. The 'OK', 'Cancel', 'Apply', and 'Help' buttons are at the bottom.

Member Of	Dial-in	Environment	Sessions
Remote control	Remote Desktop Services Profile	COM+	

General	Address	Account	Profile	Telephones	Organization

User profile

Profile path: \\sys1\roam\user1

Logon script:

Home folder

☒ Local path:

☐ Connect: I:

OK Cancel Apply Help

4. Click **Apply** and **OK**.

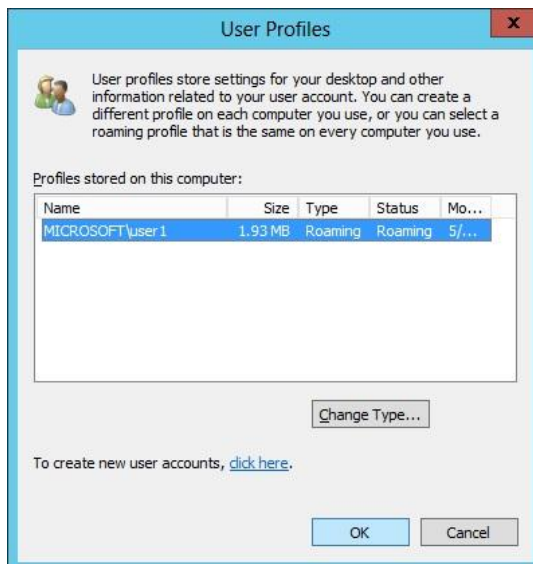
Verification:

1. Login as user **user1** on Client or MemberServer and create some files on the Desktop.

2. In Control Panel search bar, type **user profile**, select **Configure advanced user profile properties**.



3. Verify for User **Profile Type** and **Status** to be **Roaming**.

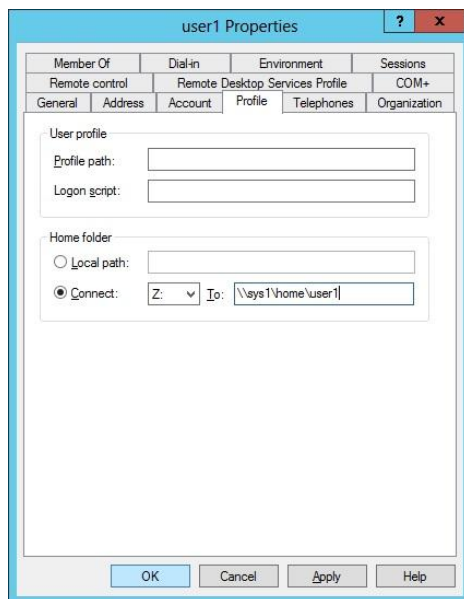


4. Logoff this user (**user1**) and login on another computer with the same user (**user1**), we can see the files which we have created on first computer.

Lab – 3: Configuring Home Folder

1. Log on to D.C as Administrator, Open **Computer** → Go to a drive and create a shared folder **home** with **Everyone Read/Write** permission.
2. Go to **Active Directory Users and Computers** → select **Users** and right click **User user1** and click **Properties**.
3. Select the **Profile tab** Under the **Home folder**, select **Connect** and Select a drive letter **Z:** and in **To:** enter **\\ServerName\ShareName\UserName**.

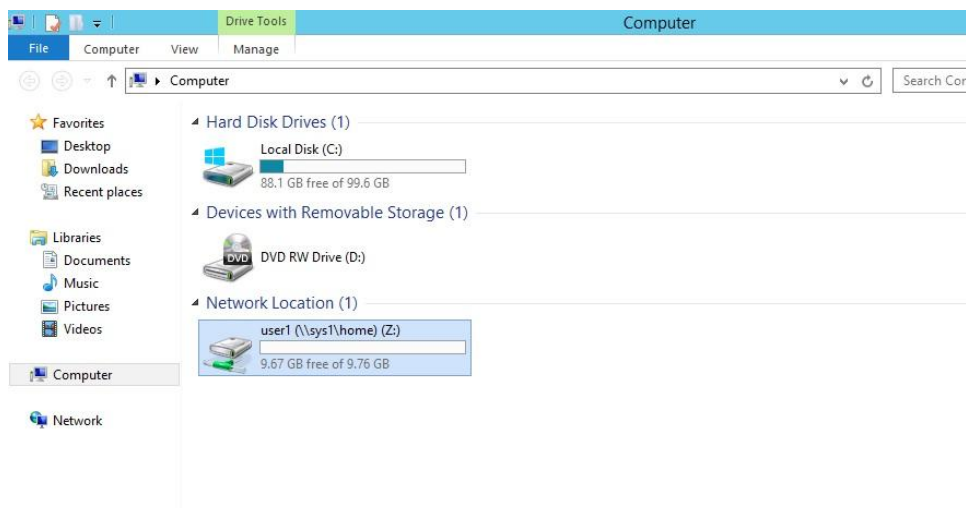
Example: **\\SYS1\home\user1**.



4. Click **Apply** and **OK**.

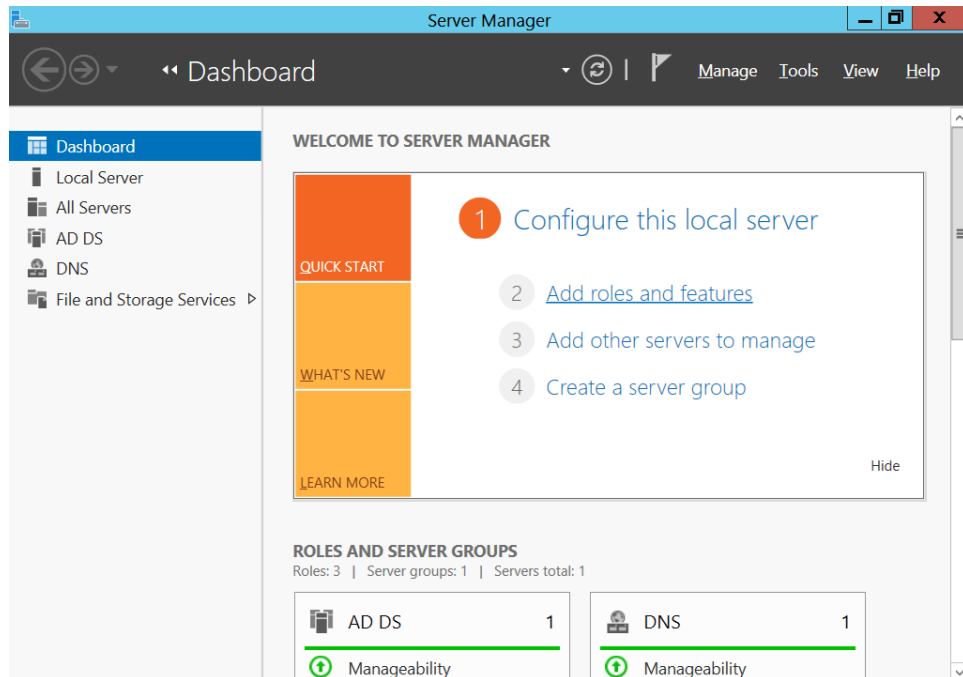
Verification:

1. Login as user (**user1**) on **Client** or **Member Server**.
2. Open **Computer**, Locate Home folder under network drives.

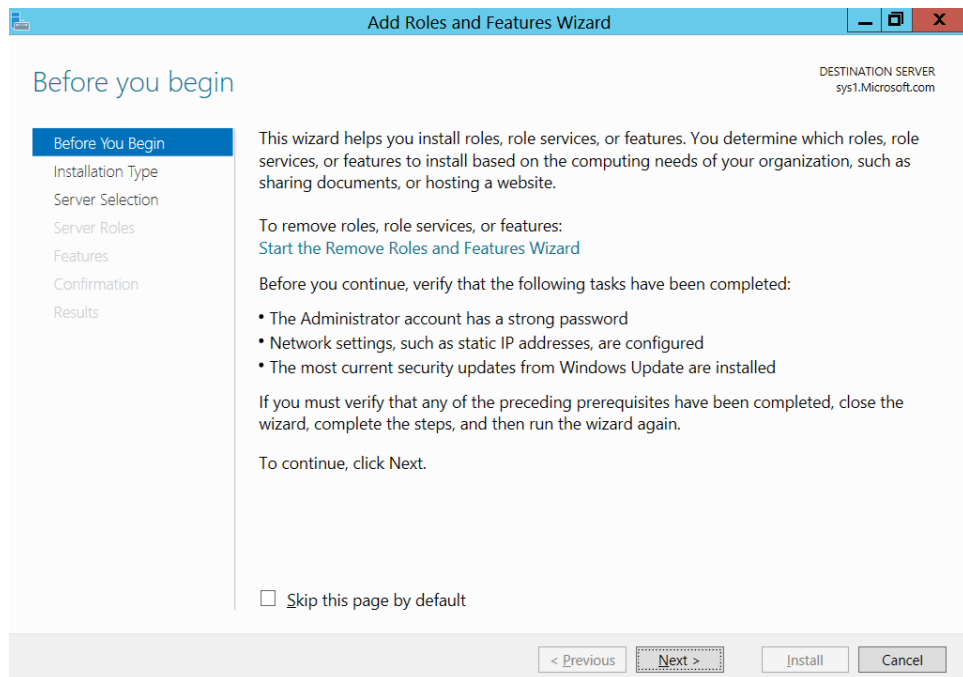


Lab – 4: Installing FSRM Role Service

1. In Server Manager Dashboard, click **Add roles and features**.



2. In Before you begin page, click **Next**.



3. In Select installation type, select **Role-based or feature-based installation**, click **Next**.

The screenshot shows the 'Add Roles and Features Wizard' window. The title bar reads 'Add Roles and Features Wizard'. The main heading is 'Select installation type'. On the right, it says 'DESTINATION SERVER sys1.Microsoft.com'. A left-hand navigation pane lists steps: 'Before You Begin', 'Installation Type' (highlighted), 'Server Selection', 'Server Roles', 'Features', 'Confirmation', and 'Results'. The main content area has the instruction: 'Select the installation type. You can install roles and features on a running physical computer or virtual machine, or on an offline virtual hard disk (VHD)'. There are two radio button options:
1. **Role-based or feature-based installation**: 'Configure a single server by adding roles, role services, and features.'
2. **Remote Desktop Services installation**: 'Install required role services for Virtual Desktop Infrastructure (VDI) to create a virtual machine-based or session-based desktop deployment.'
At the bottom, there are four buttons: '< Previous', 'Next >' (highlighted with a dashed border), 'Install', and 'Cancel'.

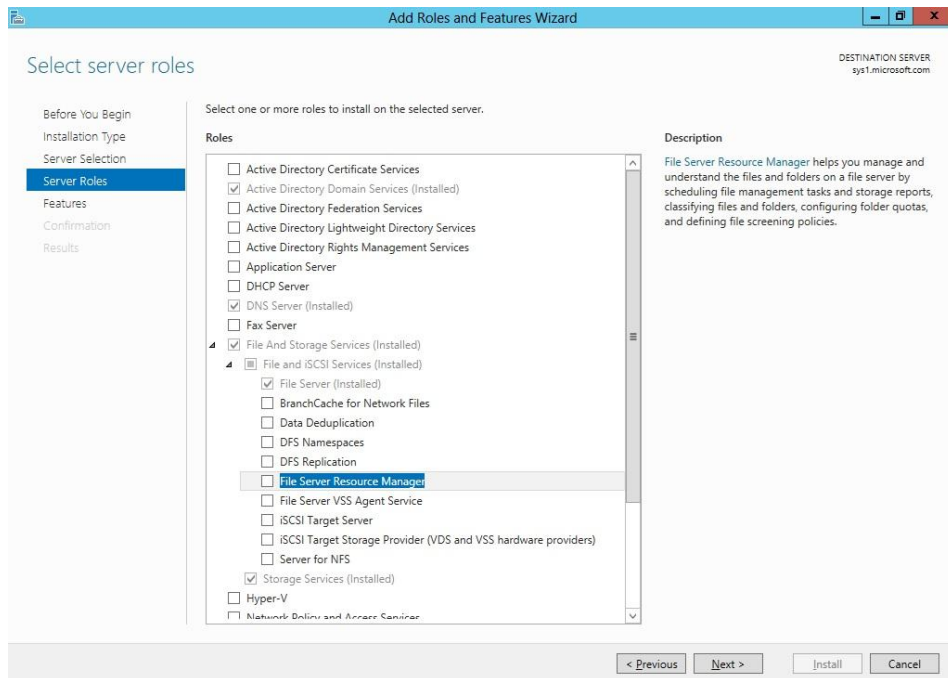
4. In Select destination server, from Server Pool select **SYS1**, click **Next**.

The screenshot shows the 'Add Roles and Features Wizard' window at the 'Select destination server' step. The title bar reads 'Add Roles and Features Wizard'. The main heading is 'Select destination server'. On the right, it says 'DESTINATION SERVER sys1.Microsoft.com'. The left-hand navigation pane lists steps: 'Before You Begin', 'Installation Type', 'Server Selection' (highlighted), 'Server Roles', 'Features', 'Confirmation', and 'Results'. The main content area has the instruction: 'Select a server or a virtual hard disk on which to install roles and features.' There are two radio button options:
1. **Select a server from the server pool** (selected)
2. **Select a virtual hard disk**
Below these is a 'Server Pool' section with a 'Filter:' text box. Underneath is a table with the following data:

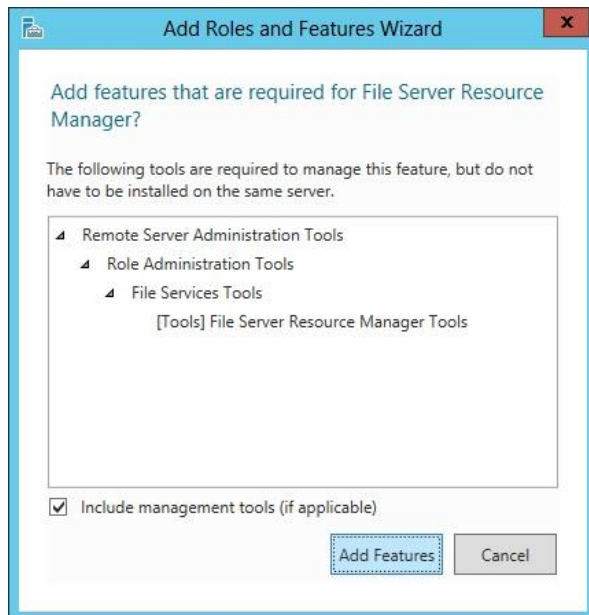
Name	IP Address	Operating System
sys1.Microsoft.com	10.0.0.1	Microsoft Windows Server 2012 Standard Evaluation

Below the table, it says '1 Computer(s) found'. A note at the bottom states: 'This page shows servers that are running Windows Server 2012, and that have been added by using the Add Servers command in Server Manager. Offline servers and newly-added servers from which data collection is still incomplete are not shown.'
At the bottom, there are four buttons: '< Previous', 'Next >' (highlighted with a dashed border), 'Install', and 'Cancel'.

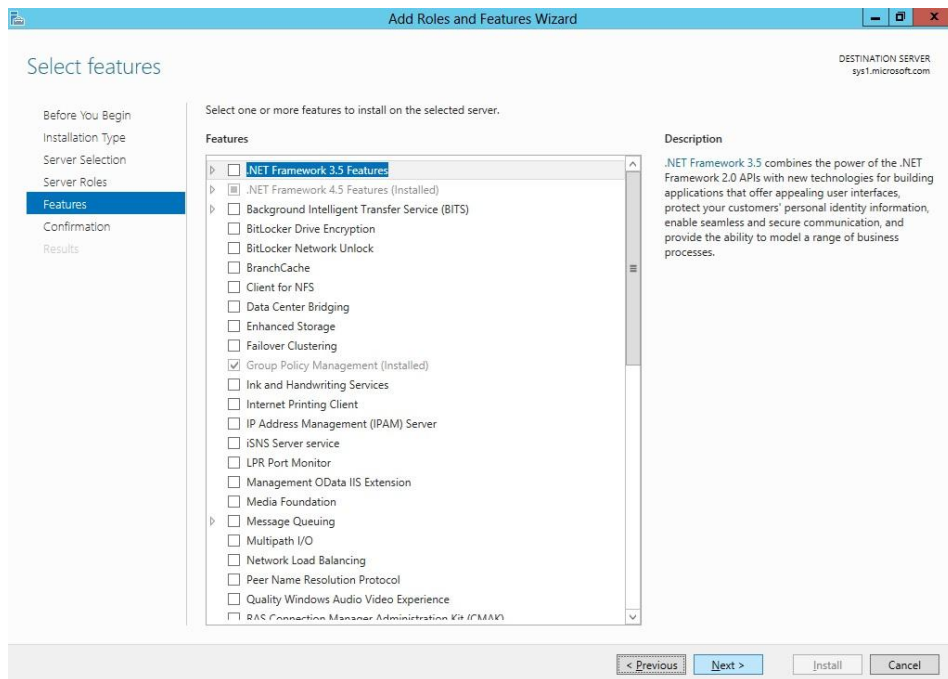
5. In Roles, expand File and Storage Services, expand File and iSCSI Services, check the box **File Server Resource Manager**, click **Next**.



6. Click **Add Features**, to install the required features for Active Directory Domain Services. Click **Next**.

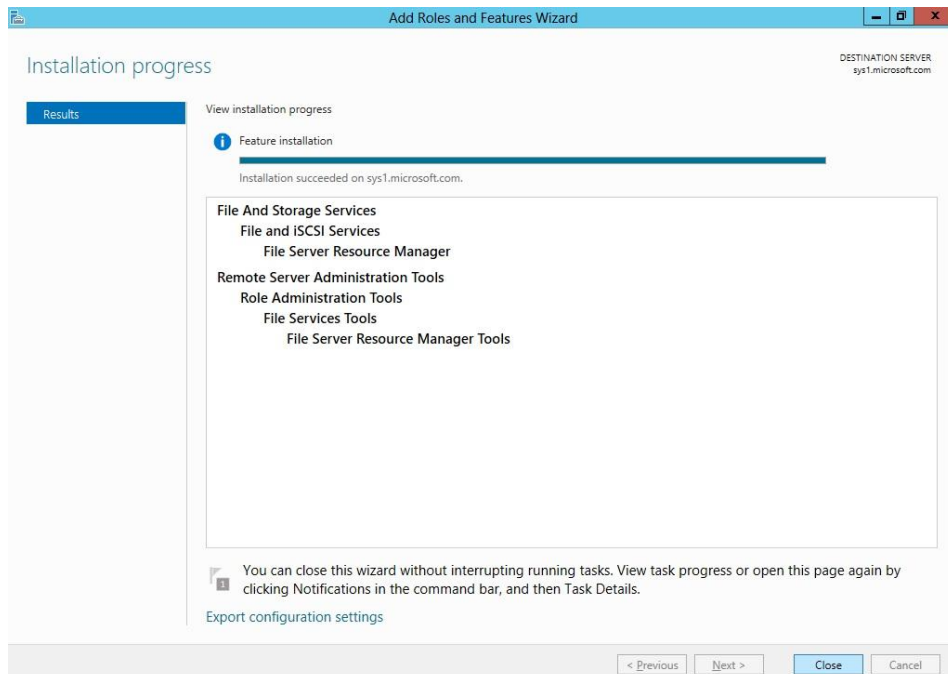


7. In Select features wizard, click **Next**.



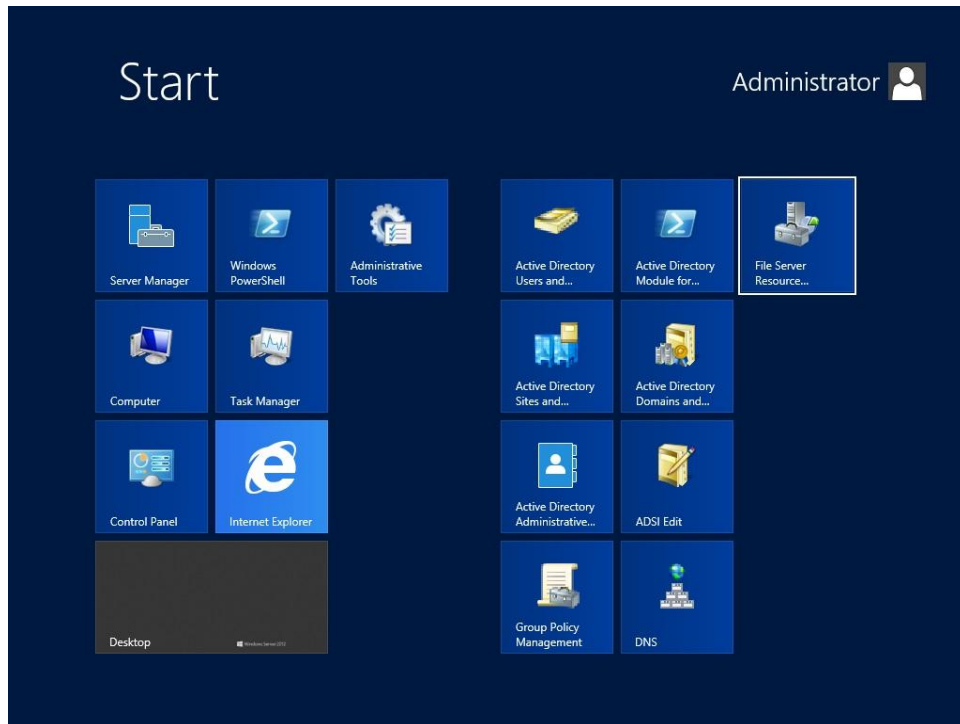
8. Check the box **Restart the destination server automatically if required**. Click **Install**.

9. Click **Close**, to complete the installation

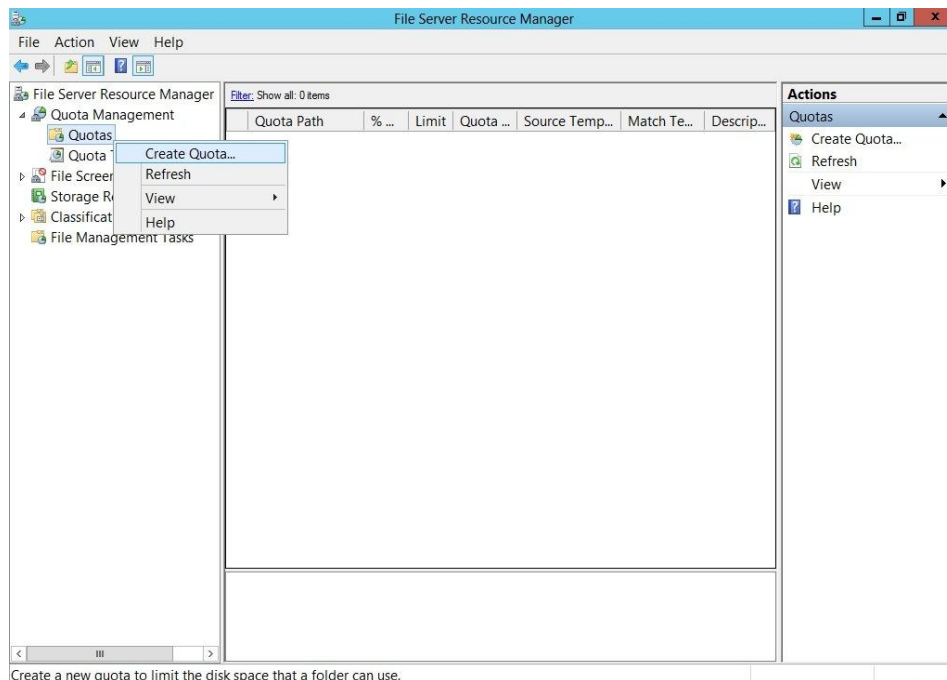


Lab – 5: Configuring Quota Management using FSRM

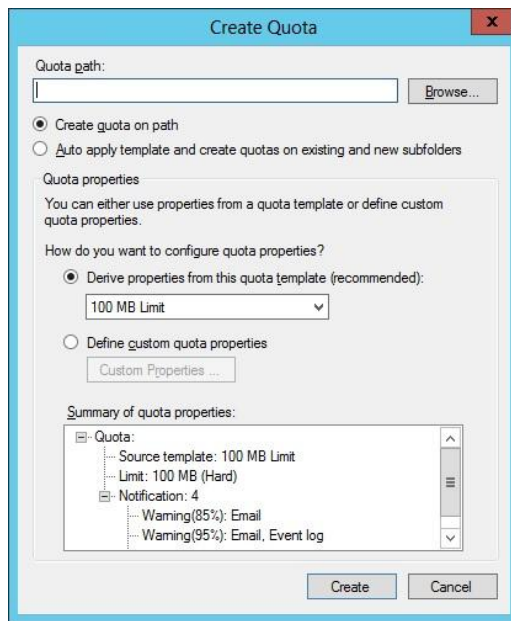
1. Go to Start, select **File Server Resource Manager**.



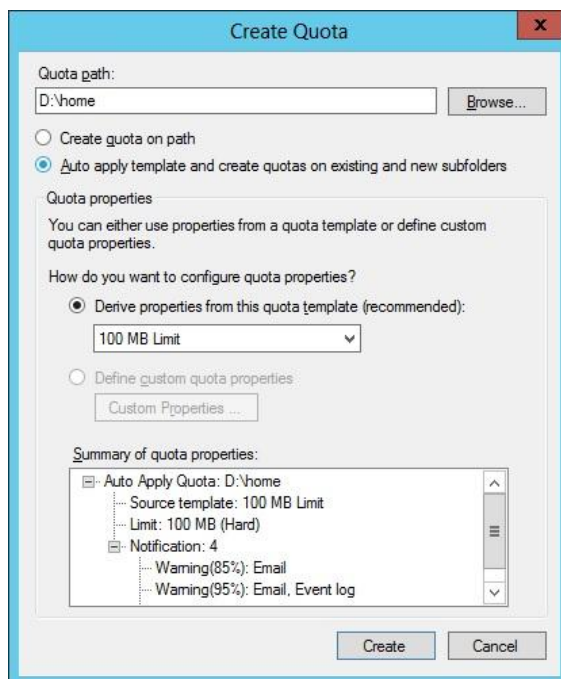
2. Expand Quota Management, right click Quotas, and select **Create Quota**.



3. Click **Browse** and Select the Quota path (Ex: D:\Home)

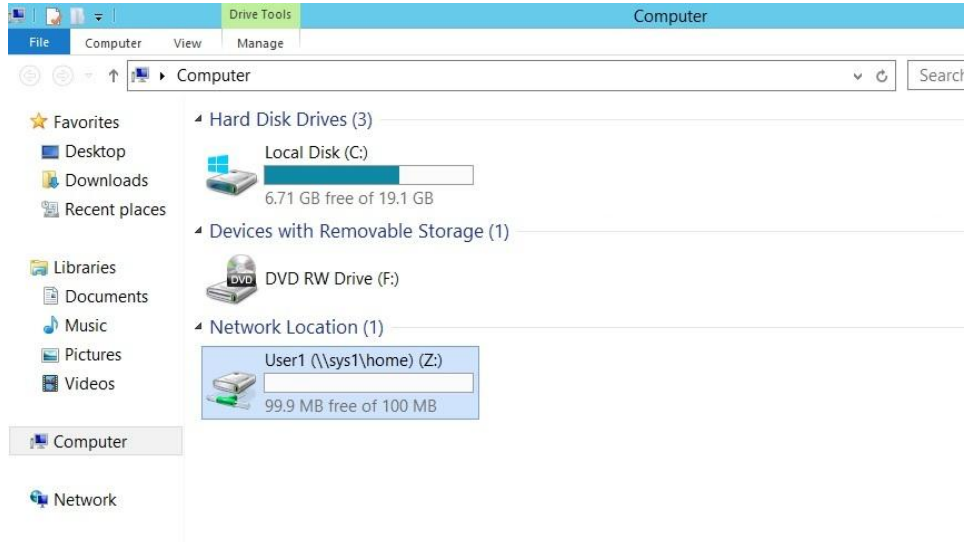


4. Select **Auto apply template and create quotas on existing and new subfolders**.
Select the limit and click **Create**.



Verification

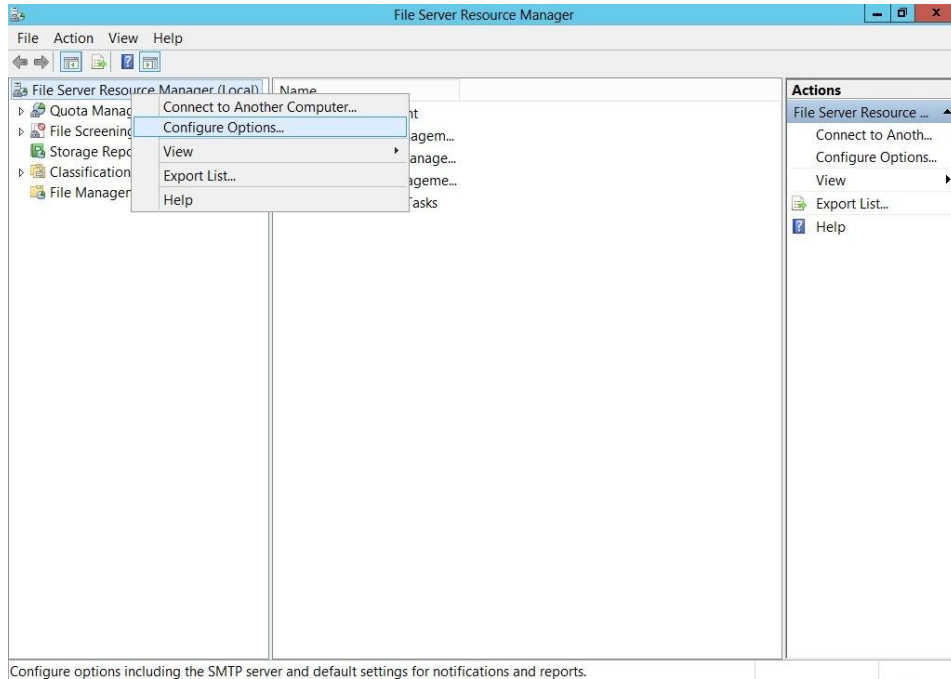
1. Log in as User (**User1**) on Client or Member Server (**SYS2**), Open Computer.
2. Verify the Size of the Network drive Z: (Home Folder).



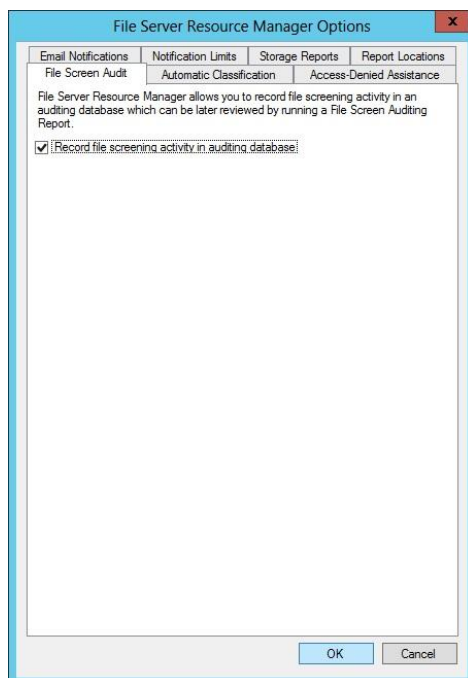
3. Login as other users and verify the size of the Home Folder.

Lab – 6: Configuring File Screening Using FSRM

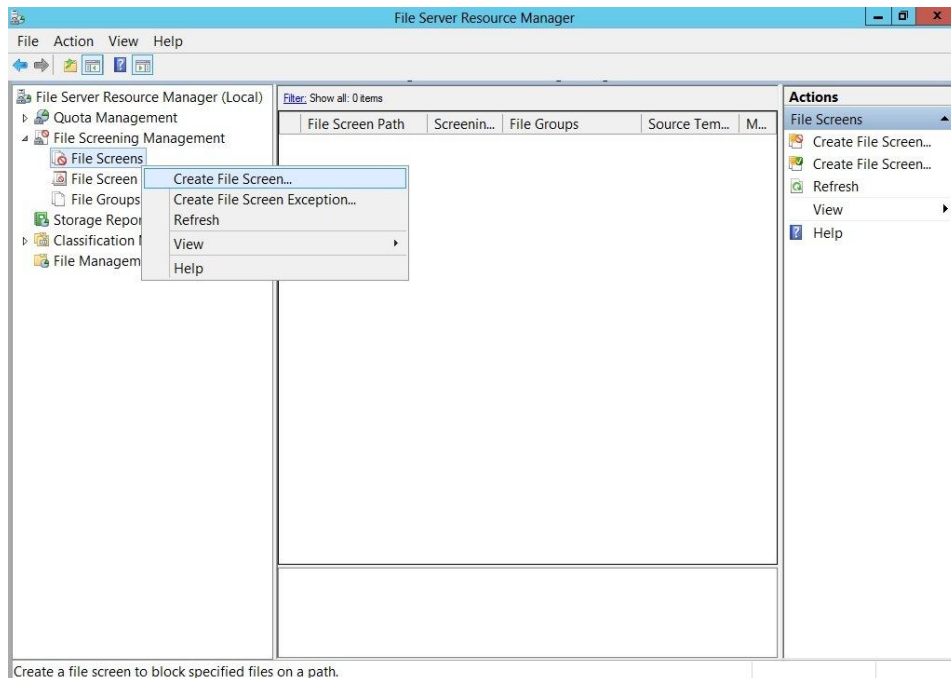
1. Go to Start, File Server Resource Manager, Right click on File Server Resource Manager and select **Configure Options**.



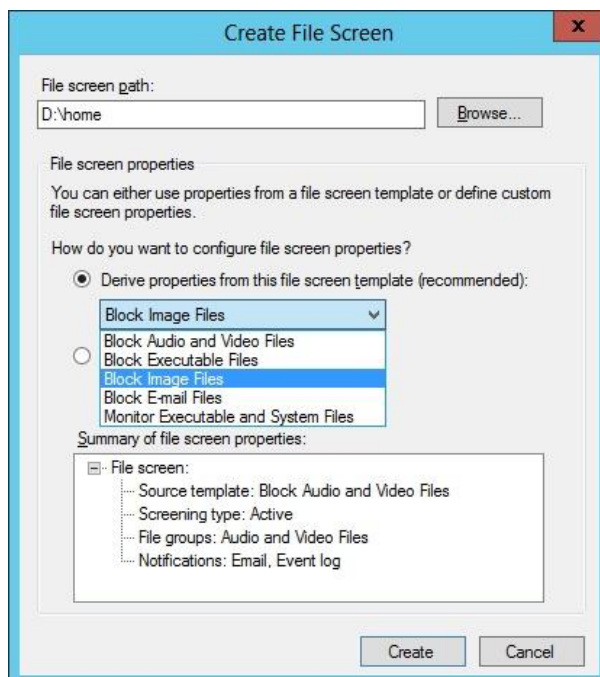
2. Check the box Record file screening activity in auditing database, click **OK**.



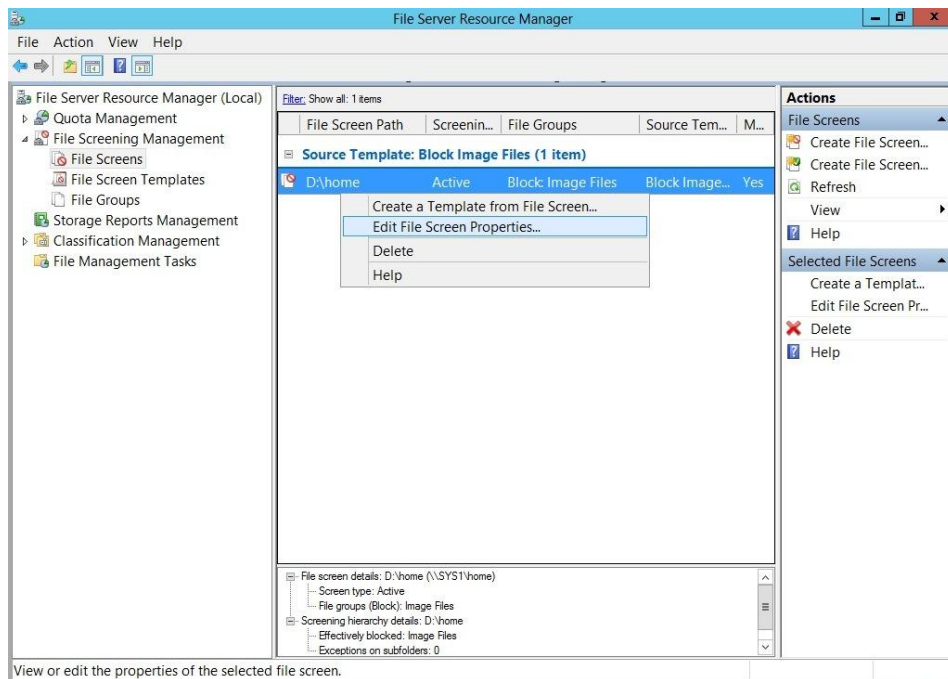
3. Expand File Screening Management, right click File Screens and select **Create File Screen**.



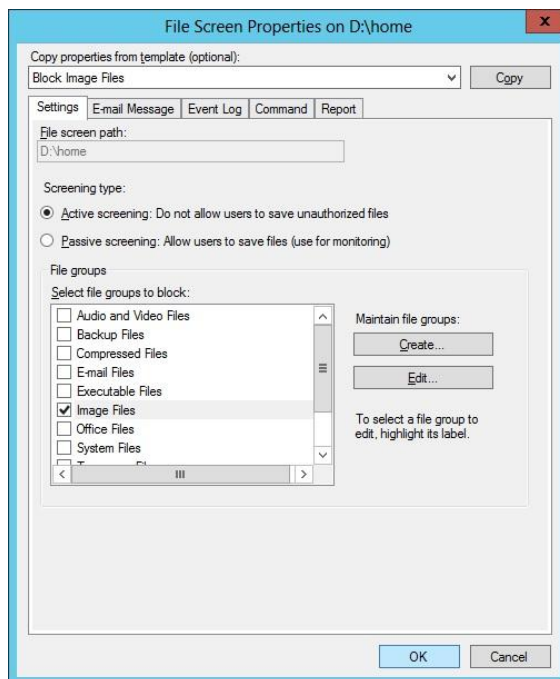
4. Click Browse to select the File screen path, select option **Block Image Files**, and click **Create**.



- Right click on the created file screen, select **Edit File Screen Properties**.

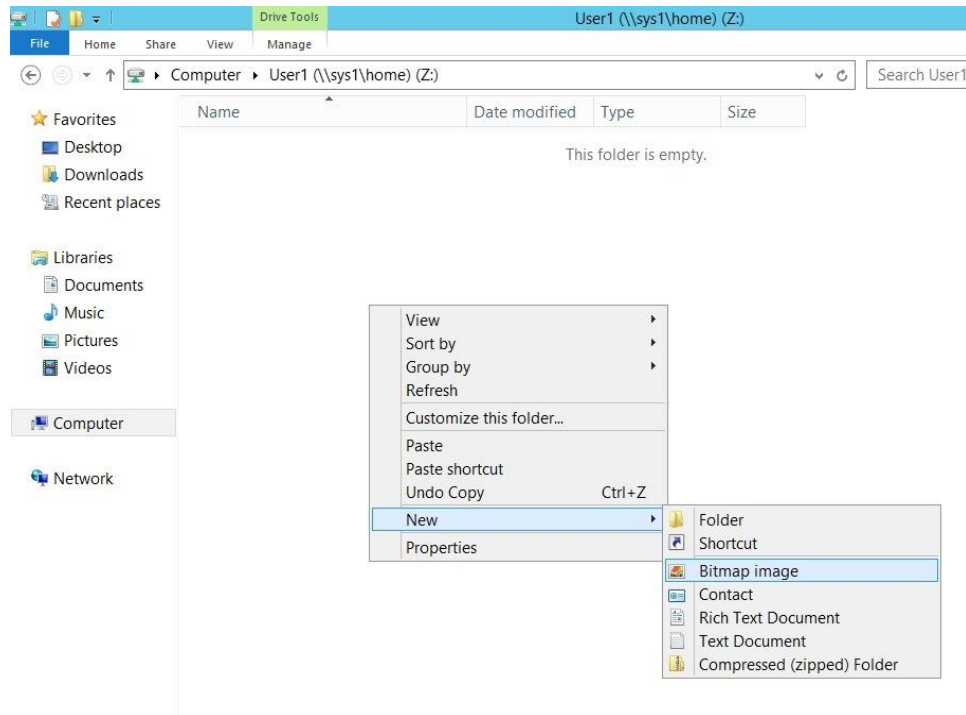


- Select the Screening type Active screening, click **OK**.

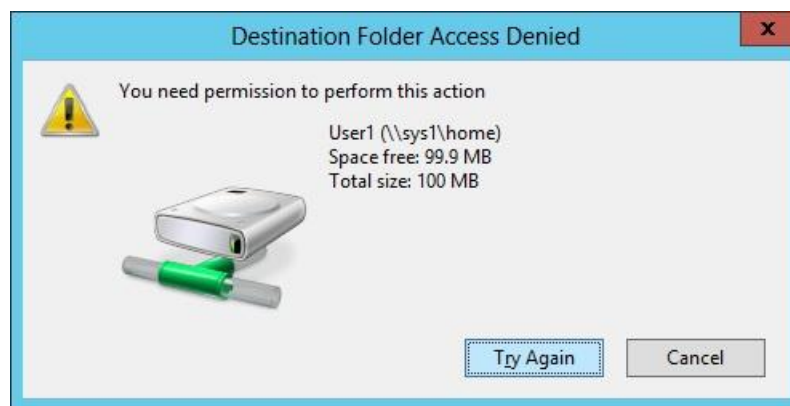


Verification

1. Log in as User (**User1**) on Client or Member Server (**SYS2**),
2. Open Computer, Network drive Z: (Home Folder) and try to create a **New Bitmap Image file**.

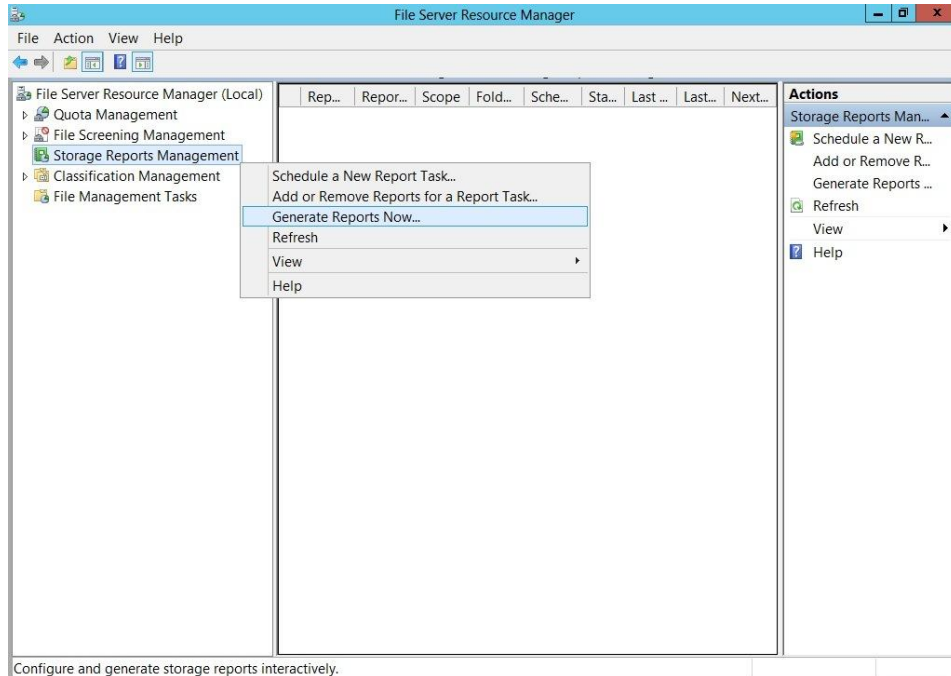


3. Verify for Access Denied Page.

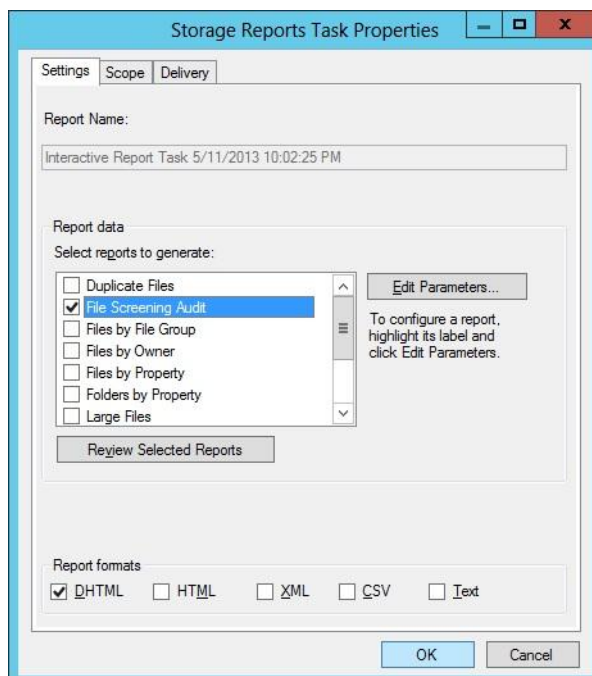


Lab – 7: Configuring Storage Reports Management using FSRM

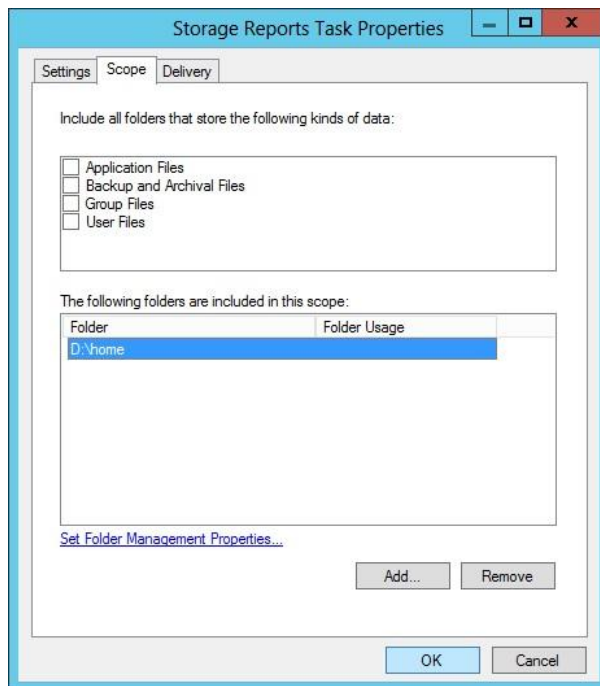
1. Go to Start, File Server Resource Manager, right click Storage Reports Management and select **Generate Reports Now**.



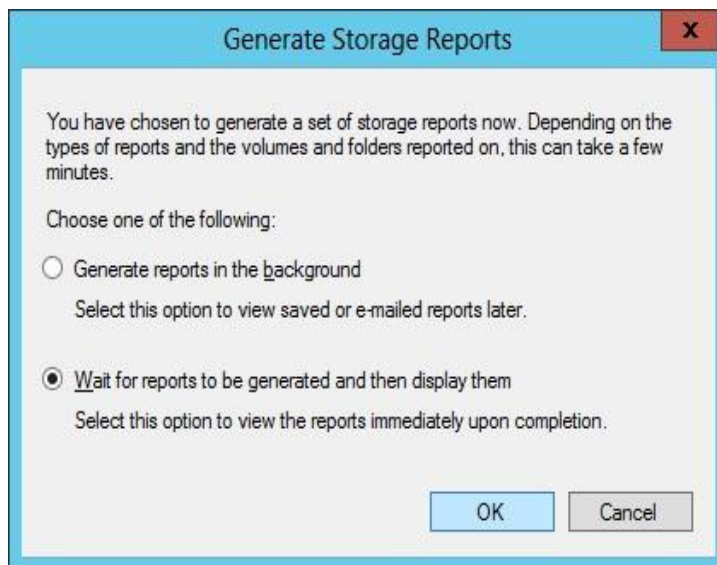
2. In settings page, check box **File Screening Audit**.



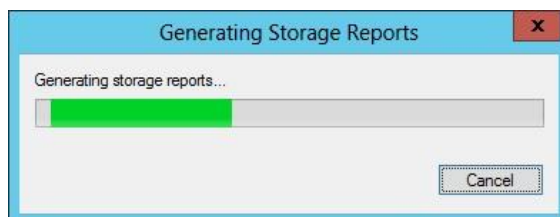
3. Select Scope, click **ADD** and select the home folder (Ex: D:\Home).



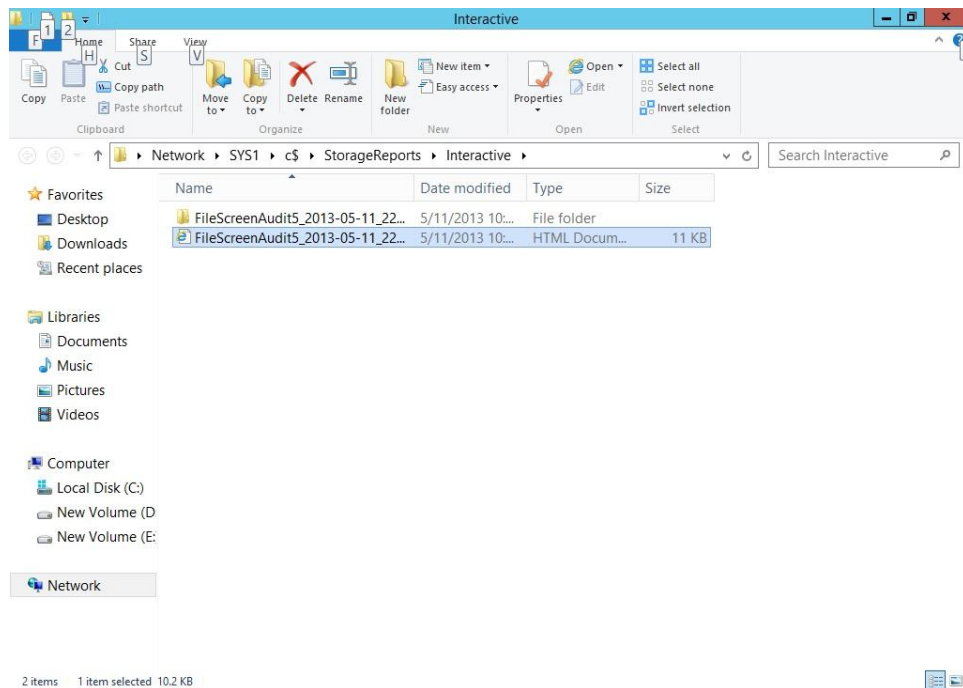
4. Select Wait for reports to be generated and then display them, click **OK**.



5. It Generates the Storage Reports



6. Select the File Screening Audit Report and Open the report.



7. Verify the Report for Blocked image file creation by the users.

