

Solution M4: Additional Services

One possible solution of the homework could be:

1. In order to solve this task, you could do the following steps:
 - a. Check that we are not able to connect from **DC** to **CLIENT**:
Test-WSMan CLIENT
 - b. Now on the **CLIENT**, we can execute:
winrm quickconfig
 - c. And again, on **DC** we can execute the following to test:
Test-WSMan CLIENT
2. In order to solve this task, you could do the following steps:
 - a. Once the drive is connected and the machine powered on, we can execute the following set of commands in PowerShell on the **CSERVER** machine:
 - i. Initialize disk:
Initialize-Disk -Number 1 -PartitionStyle GPT
 - ii. Create new partition and file system
New-Partition -DiskNumber 1 -DriveLetter E -UseMaximumSize | Format-Volume -FileSystem NTFS -NewFileSystemLabel DATA
 - b. In PowerShell session on **CSERVER** execute:
Install-WindowsFeature FS-FileServer,FS-Resource-Manager -IncludeManagementTools
 - c. Now we can go in Server Manager on the **DC** machine and manage the **CSERVER** visually and remotely, or continue in PowerShell on the **CSERVER** machine:
 - i. **mkdir E:\SharedFiles**
 - ii. Execute:
mkdir E:\SharedFiles\Common
New-SmbShare -Name Common -Path E:\SharedFiles\Common -FullAccess Everyone
 - iii. Execute:
mkdir E:\SharedFiles\IT
New-SmbShare -Name IT -Path E:\SharedFiles\IT -FullAccess "WSA\GS-IT"
 - iv. Execute:
mkdir E:\SharedFiles\Sales
New-SmbShare -Name Sales -Path E:\SharedFiles\Sales -FullAccess "WSA\GS-Sales"
3. Ensure that on the management system (for example the **DC**) you have **File Server Resource Manager** installed. In order to solve this task, you could do the following steps:
 - a. Start **Server Manager**
 - b. If you don't have the **CSERVER** there, add it
 - c. Right click on it and select **File Server Resource Manager**
 - d. If you receive an error, that RPC is not enabled, you should execute this in PowerShell on **CSERVER**:
Get-NetFirewallRule | Where -Property Name -Like "FSRM*" | ForEach { Enable-NetFirewallRule \$_.Name }
 - e. Now, that we are in the **FSRM** tool, we can define the required rules. Go to section **File Screening Management**
 - f. From the context menu of **File Screeners** click on **Create File Screen** item
 - g. Click the **Browse** button and navigate to the **E:\SharedFiles\IT**
 - h. Select **Define custom file screen properties** and then click **Custom Properties**
 - i. In the new dialog window, select **Audio and Video Files** and **Image Files**, and click **OK**

- j. Finally click **Create**, and when asked chose **Save the custom file screen without creating a template**, and then **OK**
- k. Repeat the steps from f) to j), but navigate to **E:\SharedFiles\Sales**
- l. Close the **FSRM** tool