Objective

* Configure Shared Folder permissions

1. Read about “Configure shared permissions” pages 255 through 265 of e-book " Exam Ref MD-100 Windows 10 - Exam Ref ". As you read, make note of important information and summarize the notes in bullet points. Have a minimum of two notes for each page

**Configure folder shares :**

* When you share a folder, other users can connect to the shared folder and its contents across the network. Shared folders available on the network are no different from normal folders, and they can contain applications, corporate data, or private data.
* When creating a network share, be careful that you do not accidentally provide access to a user or group of users who should not have access. By default, everyone on the network is given read access to the share, although you can change this setting.
* Normally, a shared folder is located on a file server, but in a small network environment, the sharing can be located on a Windows 10–based computer or network-attached storage (NAS) device. When you’re choosing the device or server, keep in mind that the resources should be available whenever the users need them and that, often, this means the server is always on.

**Server Message Block :**

* Server Message Block (SMB) is a protocol used for sharing files, printers, and other resources between computers on a network. It was originally developed by Microsoft for use on Windows operating systems, but has since been adopted by other operating systems as well.
* SMB works by establishing a connection between a client and a server. The client requests access to a file or resource on the server, and the server responds with the requested data. SMB supports authentication and encryption to help protect data from unauthorized access and interception.

**Create a share by using the Shared Folders snap-In :**

* You can create and manage file shares centrally on your computer by using the Shared Folders snap-in, which can be loaded into an empty Microsoft Management Console (MMC). You can also use the snap-in found in Computer Management.
* When you create a new share in the Shared Folders snap-in, the Create A Shared Folder Wizard appears and guides you through specifying the folder path, share name, description, and other settings.

**Share folders by using File Explorer :**

* All the methods present you with slightly different GUIs and wizards from which to choose the sharing options. Although they all result in sharing folders that can be accessed across the network, the main difference between each method is the speed and simplicity that some offer the novice.
* In practice, most home users and small businesses prefer to use the sharing wizards found on the ribbon bar, but more experienced users seek the advanced level of control that can be gained through the Sharing tab in the Properties dialog box.

**Share folders from the command prompt :**

* net share MyShareName=c:\Temp\Data /remark:"Temp Work Area"
* This command shares the C:\Temp\Data folder with the share name MyShareName and includes a description of Temp Work Area. You must have administrative privileges to create a shared folder by using net share.

**Share Files by using File Explorer :**

* Sign in to your computer using an administrative user account.
* Open **File Explorer** and navigate to the user profile.

**Configure shared folders permissions :**

* + **Read** Users and groups can view the files, but they cannot modify or delete them.
  + **Change**Users and groups can open, modify, delete, and create content, but they cannot modify file or folder permissions; the Change permission incorporates all Read permissions.
  + **Full** Users and groups can perform all actions, including modifying the permissions; the Full permission incorporates all Change permissions.

**Troubleshoot Share permission issues :**

* + Open **File Explorer** and right-click the drive that is under review.
  + Select **Properties**.
  + On the **General** tab, review **File System**.
  + Select **OK** to close the dialog box.

1. Configure Shared Folder permissions

Steps:

1. On the server, create shared folders for each group T\_HR, T\_Marketing, T\_Sales, T\_IT and T\_executives
2. On the server, assign shared folder permissions to the appropriate group

Note: executives must be able to access all the folders above

**Testing**

1. In Windows 10 client, try to access the shared folders you created in step 1 and 2 using the following network path

\\yourservername\

Document the steps [provide at least 10 screenshots]

|  |  |
| --- | --- |
| Create the folders you want share it |  |
| Go to share in server manager | A picture containing text, screenshot, monitor, computer  Description automatically generated |
| Tasks and new share | A picture containing text, screenshot, monitor, computer  Description automatically generated |
| Next | A picture containing text, screenshot, monitor, computer  Description automatically generated |
| Browse the folder u want share it | A picture containing text, screenshot, monitor, computer  Description automatically generated |
| Will chose here t\_executives |  |
| Next | A picture containing text, screenshot, monitor, computer  Description automatically generated |
| Next | A screenshot of a computer  Description automatically generated |
| Go to permission | A picture containing text, screenshot, monitor, computer  Description automatically generated |
| Press in disable first to remove all users first | A screenshot of a computer  Description automatically generated with medium confidence |
| Press add and start add everyone have permission (t-executives and administrators ) for this example | A picture containing text, screenshot, monitor, computer  Description automatically generated |
| Press apply and ok | A picture containing text, screenshot, monitor, computer  Description automatically generated |
| Create | A picture containing text, screenshot, monitor, computer  Description automatically generated |
| Completed | A picture containing text, screenshot, monitor, computer  Description automatically generated |
| And this from windows clients ( a user member in t-executives can access all folder ) | A picture containing text, monitor, screenshot, computer  Description automatically generated |

Challenge task [4 points]

Hide the folders which groups do not have permission to access.

|  |  |
| --- | --- |
| Create folder and put other folder on it then share the principal folder ( will put 4 folder inside share folder ) | Graphical user interface, application  Description automatically generated |
| Setup share folder now ) | A picture containing text, screenshot, monitor, indoor  Description automatically generated |
| After go to security and give permission to each folder as picture ( so their in hr folder so will allow just hr user to access and other users will give them deny | A screenshot of a computer  Description automatically generated |
| All set and here will see how the it user show their folder | A picture containing text, screenshot, monitor, computer  Description automatically generated |