NTFS Workgroups Exercises

<u>EXERCISE 1</u>

Suppose we have a computer that contains a folder called "tutorials" with "Full control" permissions for the standard users. We want to share the folder with "Read-only" permissions. It is necessary for the other computers' users to log in with a password. Explain the steps needed to complete the process and the permissions we must grant in order to access the "tutorials" folder through the network.

Specify the address to access the folder from the computers.

1. Set up the network settings of the host.

Settings>Network & Internet>Network and sharing center>Change advanced sharing settings

Then in private>Network discovery and turn on

<u>Finally</u> in All Networks>Password protected sharing

Password protected sharing

When password protected sharing is on, only people who have a user account and password on this computer can access shared files, printers attached to this computer, and the Public folders. To give other people access, you must turn off password protected sharing.

- ● Turn on password protected sharing
- ○ Turn off password protected sharing

2. Creating and setting up the folder

Create the folder in the place we want, then right click and properties, finally go to the Sharing tab
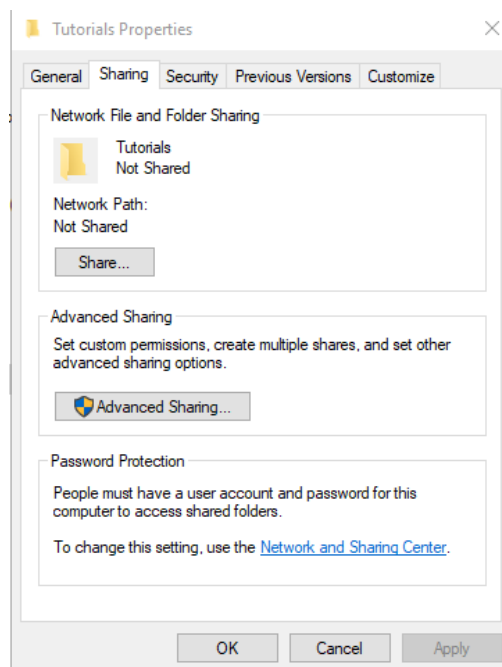
We have to click on advance settings and check the Share this folder checkbox, go to Permissions, and add Users with only Read Permissions. Finally Apply all changes.
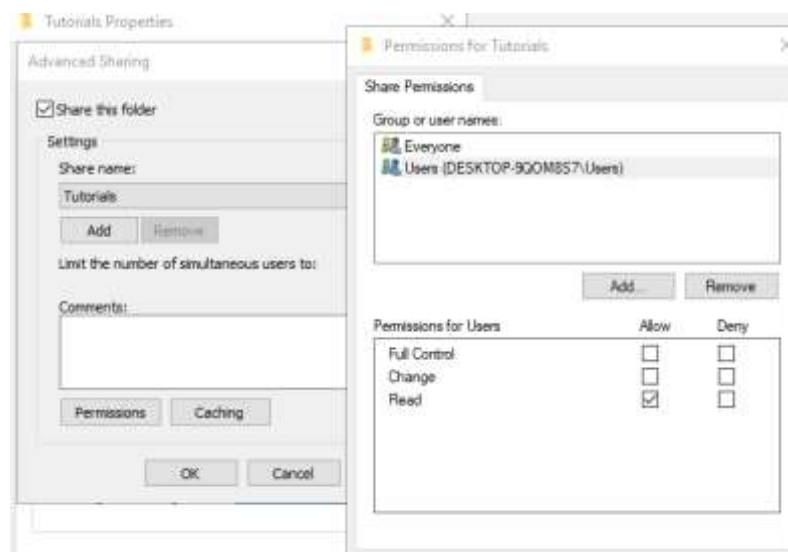
In the same tab we can see the path to the folder, just copy and paste on the search bar
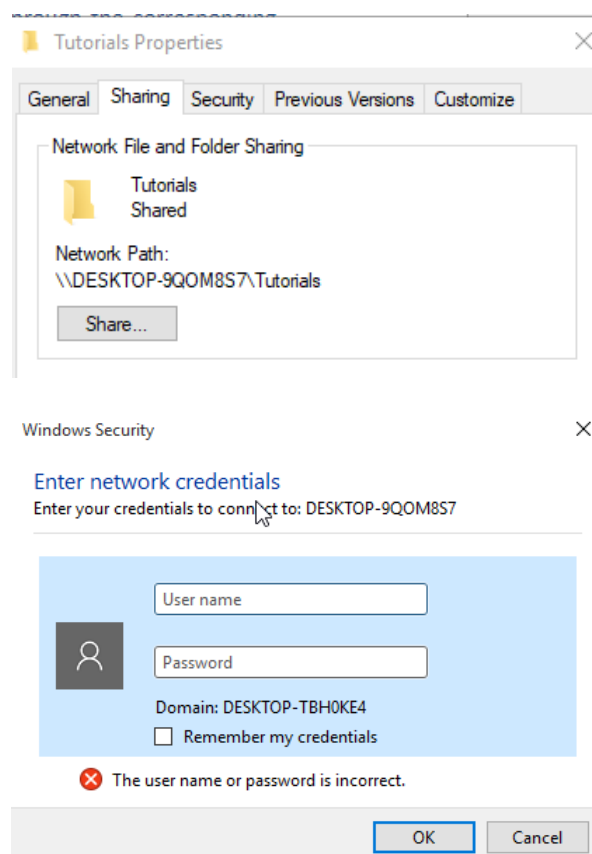
EXERCISE 2

Suppose we have a computer that contains a folder called "family" in which the standard users can create files, but only administrators can delete them. We want to share the folder with "Full control" permissions for standard users and administrators (or the maximum level of permissions that we are able to assign).

In addition, we can grant access to the folder for users that do not have an account. The permissions will be "Read-only" in this case.

Create the shared folder according to the criteria above.

1. Set up the network settings of the host.

Settings>Network & Internet>Network and sharing center>Change advanced sharing settings. Then turn off password protected sharing
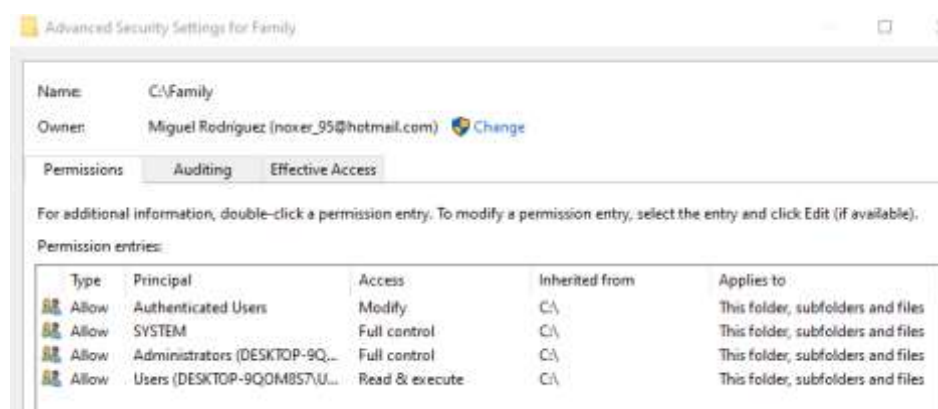

Password protected sharing

When password protected sharing is on, only people who have a user account and password on this computer can access shared files, printers attached to this computer, and the Public folders. To give other people access, you must turn off password protected sharing.

○ Turn on password protected sharing
◉ Turn off password protected sharing

2. Creating and setting up the folder

   Create the folder in the place we want, then right click and properties, finally go to the Security tab and then advanced


Advanced Security Settings for Family

Name: C:\Family
Owner: Miguel Rodríguez (noxer_95@hotmail.com) Change

| Permissions | Auditing | Effective Access |

For additional information, double-click a permission entry. To modify a permission entry, select the entry and click Edit (if available).

Permission entries:

Type	Principal	Access	Inherited from	Applies to
Allow	Authenticated Users	Modify	C:\	This folder, subfolders and files
Allow	SYSTEM	Full control	C:\	This folder, subfolders and files
Allow	Administrators (DESKTOP-9Q...	Full control	C:\	This folder, subfolders and files
Allow	Users (DESKTOP-9QOM8S7\U...	Read & execute	C:\	This folder, subfolders and files

We need to modify this permissions, for Everyone to Read & Execute and a 'administrator' with Modify permissions

Now we have to move to the Sharing tab and go to advanced Sharing and check the Share this folder checkbox, go to Permissions. Let Everyone as default, then administrator, 'the admin we set before' and users with full control.
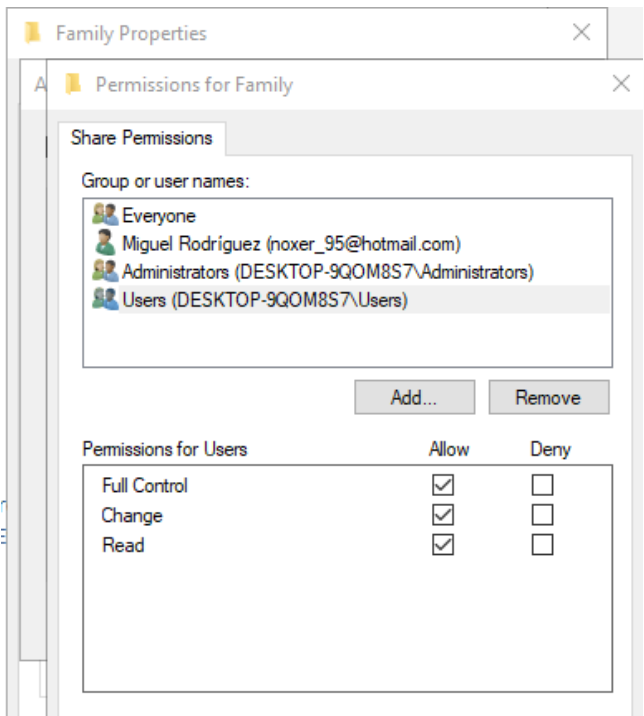
Now we need to enable connect usiong different credentials. For that we go to the path of our folder, open Map Netwok Drive and check that option. Now we are able to log in as administrator.
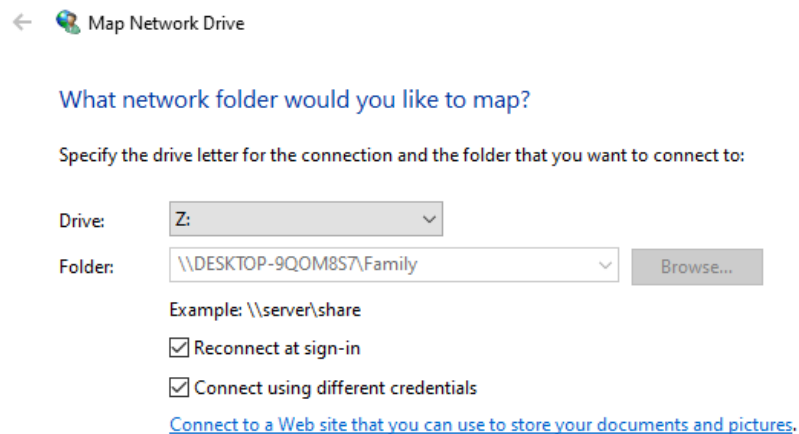
EXERCISE 3

Create a shortcut for the folder "family" from "Exercise 2" using all the methods you know.

1. As a network location

Rigth click on the explorer and add a network location, then set the path of the folder family that we have created before

2. As a new Map network drive

In the explorer click on map network drive, then choose a drive letter and browse the family folder