

## UNIT 09: NTFS Workgroups | EXERCISES

### Exercise 01

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.

1. It is necessary for the other computers’ users to log in with a password.
2. Explain the steps needed to complete the process and the permissions we must grant in order to access the “tutorials” folder through the network.
3. Specify the address to access the folder from the computers.

### Exercise 02

Create the shared folder according to following criteria.

1. 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.
2. 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).
3. 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.

### Exercise 03

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

## Exercise 01

**It is necessary for the other computers' users to log in with a password.**

No, it isn't but its highly recommended to keep this feature always turned on to prevent unwanted people from accessing your shared folders.

**Explain the steps needed to complete the process and the permissions we must grant in order to access the “tutorials” folder through the network.**

1. Login as Administrator
2. Control Panel > Network and Internet > Network and Sharing Center > Advanced sharing settings
3. First enable > Network discovery and File and printer sharing.
4. Also Enable > Turn on Public folder sharing access
5. Enable > Turn on password protected sharing
6. Right- click on the folder “tutorials” > Properties > Sharing Tab > Advanced Sharing ...
7. From Advanced Sharing > Click on the checkbox Share this folder
8. Then click on Permissions then Click on Add...
9. Add Users (related to standard users) and grant permission to Read below the Allow section
10. Also assign a name, description and user limit.

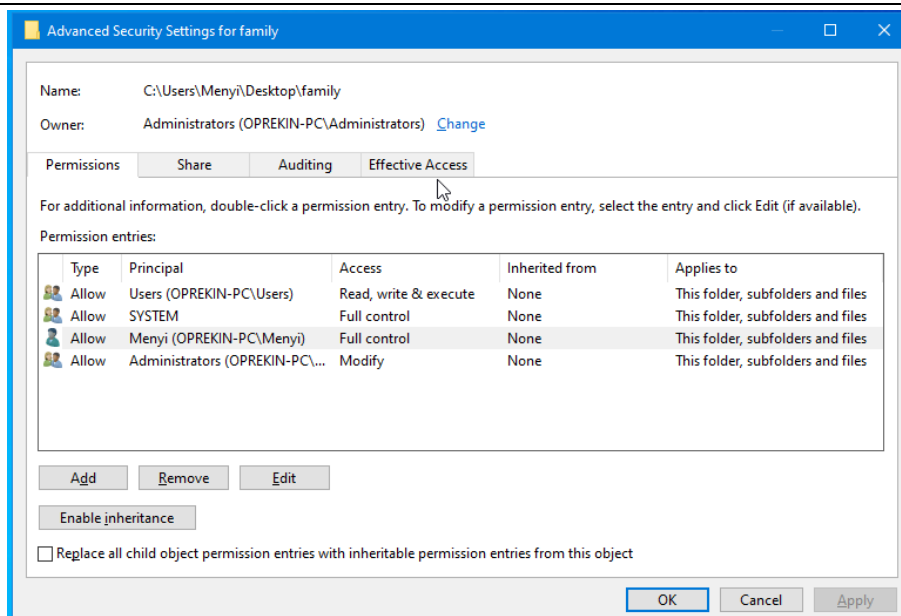
**Specify the address to access the folder from the computers.**

`\\PCName\tutorials`

## Exercise 02

Create a shared folder called “family” and assign the corresponding local and sharing permissions.

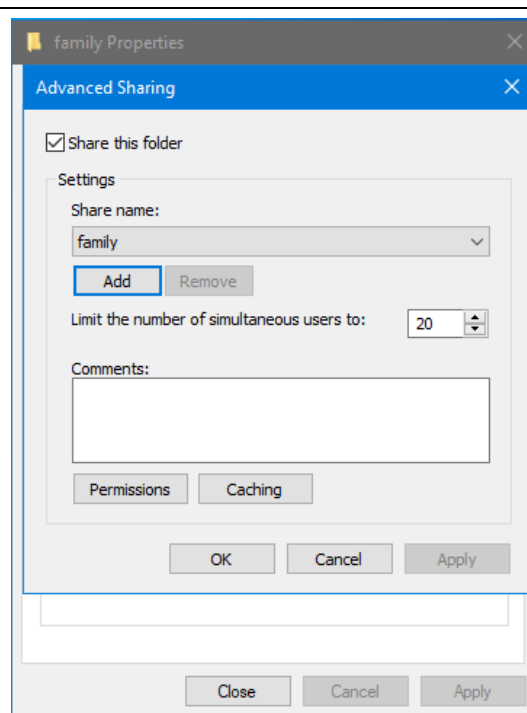
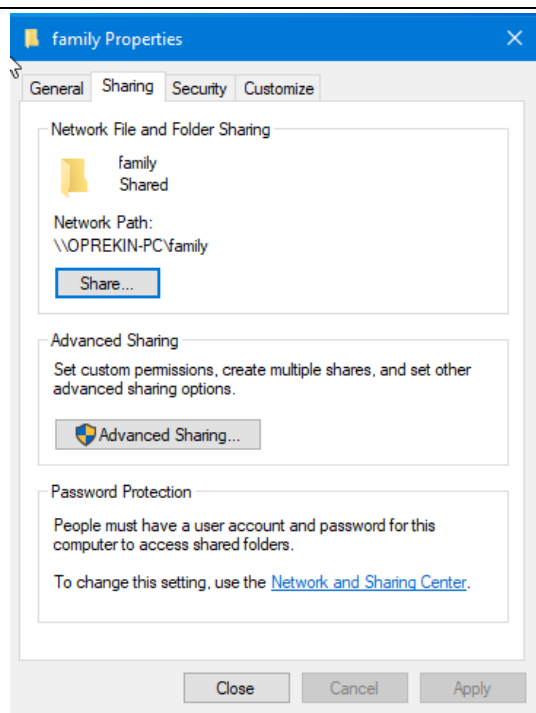
Set Local permissions for Administrators to create and delete files (Modify)  
and Set Local permissions for users to create files (Read, write & execute)



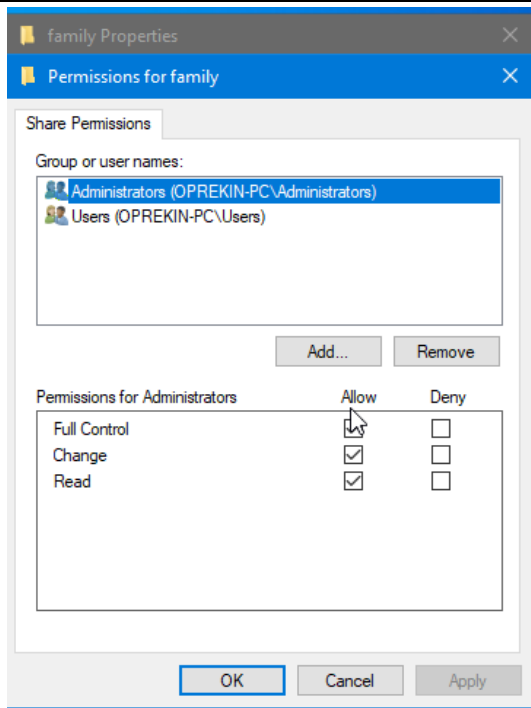
Set Sharing permissions to Full Control to Users and Administrators

Select “family” folder then right click >  
Properties > Sharing > Advanced Sharing ...

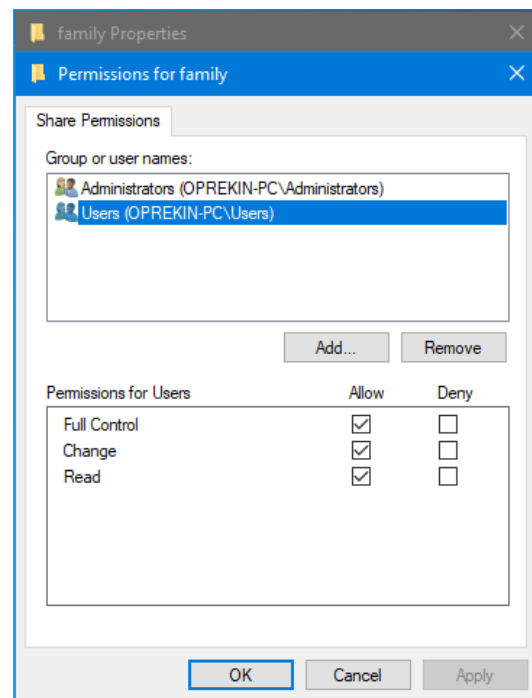
Click to check Share this folder then click on  
Permissions to select the users grant permission



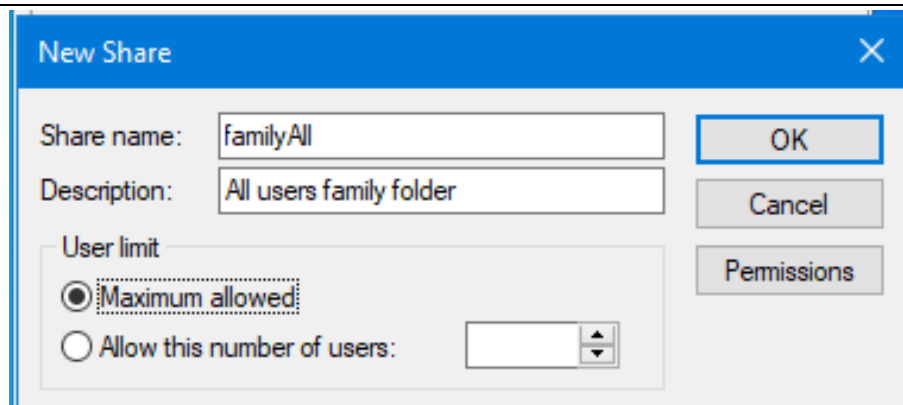
Click on Add to select the Administrators group and allow Full Control Permission



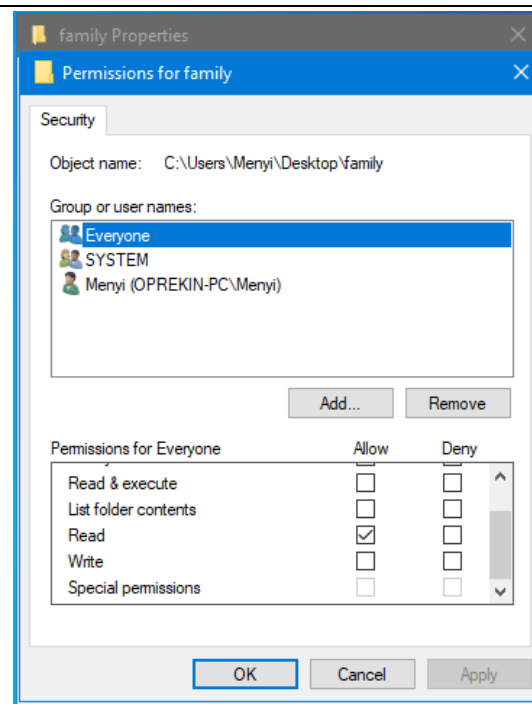
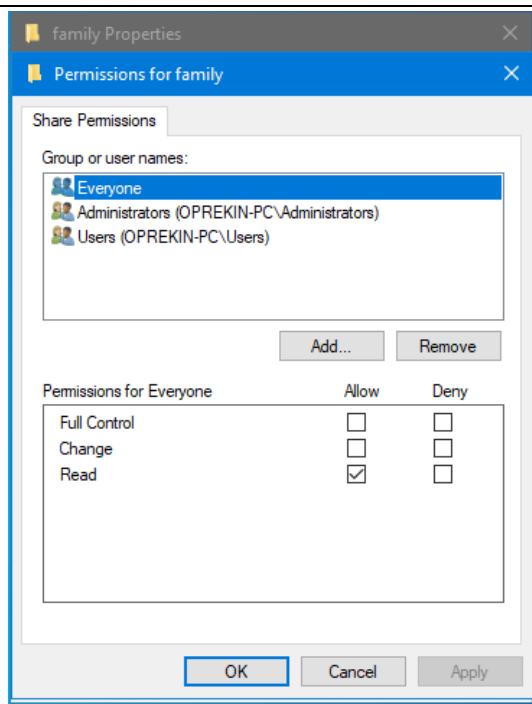
Click on Add again to also grant Full Control permission to Users group



Click Apply / OK > Advanced Sharing > Click on Add to assign a Share name and Description, also specify the User limit then OK

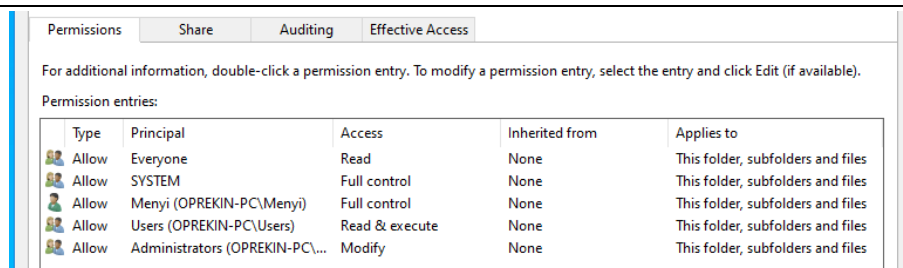


Finally, grant sharing and local permissions to everyone without an account to Read only

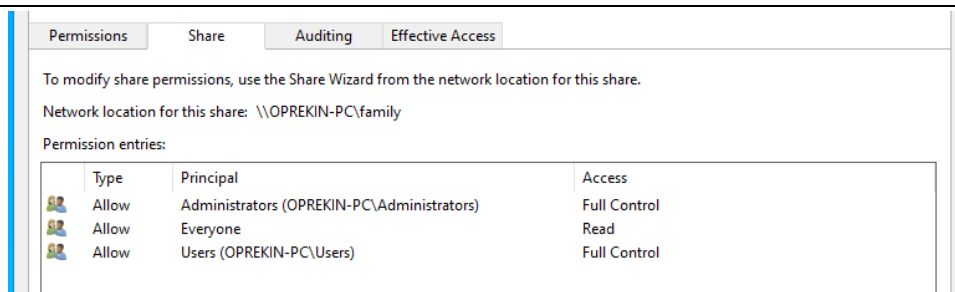


Check that both permissions, local and sharing, are applied correctly from  
Advanced Security Settings

Folder family > Permissions Tab



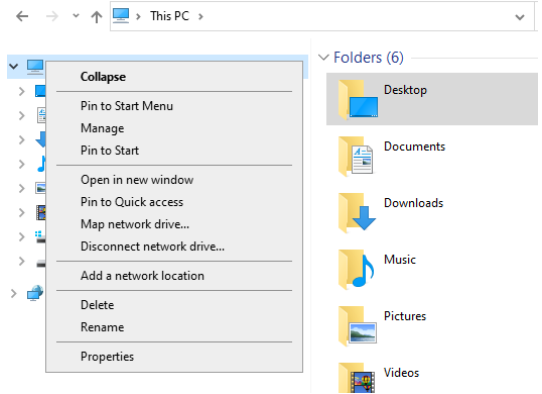
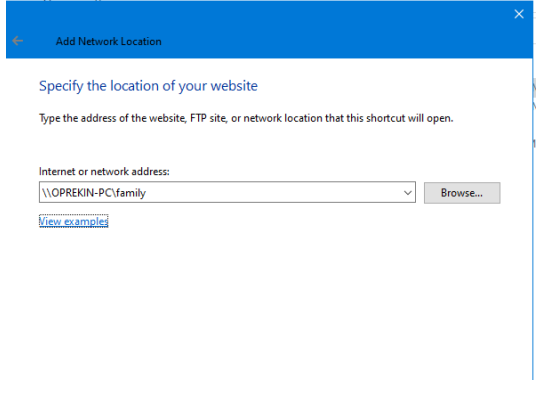
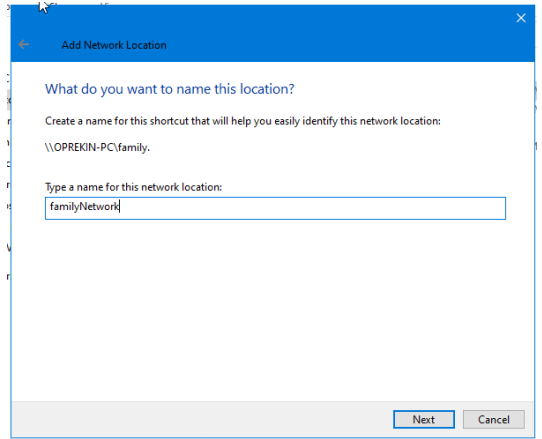
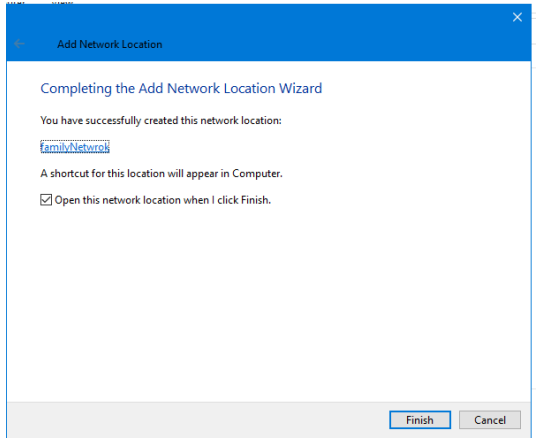
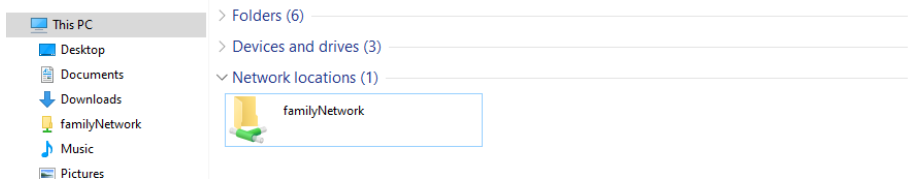
Folder family > Share Tab



## Exercise 03

Create a shortcut for the folder “family” using: Add Network Location and Map Network Drive.

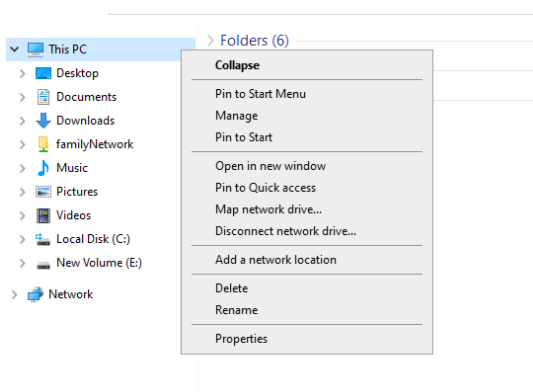
Regardless of the method, credentials are required when mapping a network folder.

<b>Add Network Location</b> This is something similar to create a shortcut to the folder	
This PC right click > Select Add network location then follow Wizard's steps	Specify the location of your website . Type the network path of the family folder
	
Name the folder network location	To complete adding a network location > Finish
	
<b>Open Network locations to verify it</b>	
	

### Map Network Drive

This way we can associate a network folder with a letter, also we can specify that Windows automatically connects to this folder at sign in

This PC right click > Select Map network drive ...



Specify a letter and the folder path

