

NTFS Exercise 4

Fill in the following folder and file permissions tables based on the following criteria:

- We have two groups: painters and musicians
- The users named goya, velazquez and leonardo belong to the group painters, among others.
- The users named verdi, mozart and albeniz belong to the group musicians, among others.
- Only the painters can access the folder canvas to create and delete files. The remaining users cannot enter into it.
- Only the musicians can access the folder hall to create and delete files. The remaining users cannot enter into it.
- The user leonardo cannot access the folder prado
- The folder louvre can be accessed exclusively by goya and velazquez, but only with the read permission
- The user albeniz cannot access the folder opera
- The file donjuan.wav can be accessed exclusively by mozart.
- The file lasmeninas.jpg into prado can be opened by all the painters except goya

Directory tree

canvas ____prado: lasmeninas.jpg

|____louvre

hall____opera: donjuan.wav

For each folder, create a table similar to the one below in which you will include all the necessary user and groups. Consider two scenarios: inheritance and non-inheritance.

Administrators are irrelevant. Suppose they have Full Control over all the files and folders

canvas

	Allow					Deny				
User/Group	Full control	Modify	Read & Execute	Read	Write	Full controll	Modify	Read & Execute	Read	Write
painters		X	X	X	X					

prado

	Allow					Deny				
User/Group	Full control	Modify	Read & Execute	Read	Write	Full controll	Modify	Read & Execute	Read	Write
painters		X	X	X	X					
leonardo									X	

louvre

	Allow					Deny				
User/Group	Full control	Modify	Read & Execute	Read	Write	Full controll	Modify	Read & Execute	Read	Write
goya			X	X						
velazquez			X	X						

1. painters

	Allow					Deny				
User/Group	Full control	Modify	Read & Execute	Read	Write	Full controll	Modify	Read & Execute	Read	Write
Painters (herderated)		X	X	X	X					
leonardo								X		
goya						X				X
velazquez						X				X

2. painters

	Allow					Deny				
User/Group	Full control	Modify	Read & Execute	Read	Write	Full controll	Modify	Read & Execute	Read	Write
Painters (herderated)		X	X	X	X					
Leonardo (herderated)								X		
painters						X	X	X	X	
goya			X	X						
velazquez			X	X						

3. painters

	Allow					Deny				
User/Group	Full control	Modify	Read & Execute	Read	Write	Full controll	Modify	Read & Execute	Read	Write
Painters (herderated)		X	X	X	X					
Leonardo (herderated)								X		
goya			X	X						
velazquez			X	X						

4. painters- Deny write&modify

	Allow					Deny				
User/Group	Full control	Modify	Read & Execute	Read	Write	Full control	Modify	Read & Execute	Read	Write
Painters (herderated)		X	X	X	X					
Leonardo (herderated)									X	
painters							X			X
goya			X	X						
velazquez			X	X						

lasmeninas.jpg

[illegible]

hall

	Allow					Deny				
User/Group	Full control	Modify	Read & Execute	Read	Write	Full control	Modify	Read & Execute	Read	Write
musicians		X	X	X	X					

opera

[illegible]

Aitor Pelaez Tomas

Donjuan.wav

	Allow					Deny				
User/Group	Full control	Modify	Read & Execute	Read	Write	Full controll	Modify	Read & Execute	Read	Write
Mozart			X	X						