

INFO6003 Lab-07 Share-NTFS

Preparation

- We will be using the Server 2008 R2 VM and the Windows 7 VM or Win10 VM from previous labs
 - All NICs should either be on the host-only network, or disconnected
 - You should be able to logon to both VMs with the **domain admin** account
- You are going to need to run the following command on both your VMs to get around the activation warnings (if you listened to my lecture, you have already done this)
 - **slmgr /rearm**
 - **Reboot**

Add DHCP

Note use a C class network 255.255.255.0

- From server manager choose to Add Roles
- Select **DHCP Server**
- Proceed to the DHCP dialog for Selecting Network Connection Bindings
 - Keep the default: it should be 10.0.0.60
- Proceed to the IPv4 DNS Server Settings
 - It should be yourlastname.ca and 127.0.0.1
 - If you click validate, you should get a green check mark
- Proceed to the WINS Server settings and leave the defaults
- Proceed to the DHCP Scope dialog
 - Add a scope called NAP Clients
 - Starting IP of 10.0.0.100
 - Ending IP of 10.0.0. 110
 - Leave subnet type at the default
 - Use a /24 subnet mask
 - Default Gateway of 10.0.0.60
- Proceed to the DHCPv6 Stateless Mode and disable it
- Proceed to the Authorize DHCP Server dialog and leave the default of your domain admin

Slide 1: take a screen capture of the settings you just configured, both Network Policy and Access Services and DHCP Server. (The domain admin might be partly cut off, but you need to show some of it)

Network Policy and Access Services	
Network Policy Server	
DHCP Server	
Network Connection Bindings :	10.0.0.60 (IPv4)
IPv4 DNS Settings	
DNS Parent Domain :	mackiewicz.ca
DNS Servers :	127.0.0.1
WINS Servers :	None
Scopes	
Name :	Lab07
Default Gateway :	10.0.0.60
Subnet Mask :	255.255.255.0
IP Address Range :	10.0.0.100 - 10.0.0.110
Subnet Type :	Wired (lease duration will be 8 days)
Activate Scope :	Yes
DHCPv6 Stateless Mode :	Disabled
DHCP Server Authorization :	Authorize using credentials associated with MACKIEWICZ\Administrator

- Now that you have your screen capture Install the roles

Configuring Share folders on Server 2008

Slide 2a, 2b and 2c: Take a screen capture of the settings you are about to apply, include the output of net config workstation filtered to “name”

Screen shot should show the folders you are sharing and Share level of access.

- Finish the configuration THE ABOVE SHOULD BE ON SERVER 2008 – net config workstation
- Do a screen shot from Win7 vm and Win10 vm accessing your new Share folder.
- You should have three screen shots for slide 2.

Create three folders for three company departments with several sub folders for each folder.

Create three user accounts one for each manager.

Create a total of six user accounts -- two workers for each manager.

The managers should have full control of their department folders and read only to other departments.

The workers should have only the ability to modify and write, to the sub folders of their department.

Use both Win7 and Win10 clients to login from after you create the user accounts on the server to show file and folder access works as outlined above.

Note each slide can have multiple screen shots and be on several pages.

Slide 3: take a screen capture of the settings you just configured, include all folders and the access privileges of each department.

You can use several slides to complete this.

Note: You should do all these changes when you are logged on to Server2008 as domain admin. Use NTFS permissions.

Slide 4: Take a screen capture of the settings you are about to apply, prove that managers may not create new files in other department folders only their own.

Slide 5: Take a screen capture showing the Share permissions for each department folder and tell why you shared that way.

Use explicit deny at some level in the directory structure and explicit allow. Tell why Deny is not good to use.

Slide 6: Take a screen capture of the folders and show what user was affected.

Show and explain the rules for deny and allow.

Slide 7: Take a screen capture of your set up while logged in from your Win7 and Win10 workstations to the domain. Explain the way share and NTFS permissions work. Which overrides the other??

Note: Full marks will only be given if you explain how the permissions work.