

9.3 - Joining Our Machines to the Domain

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We want to be able to utilize a DNS Server. We want to point it directly to our DNS Server which is going to be our Domain Controller machine IP Address

The file to open Network Adapters is "ncpa.cpl".

Go to properties > Double-Click IPv4 > set "Preferred DNS server" to the Domain Controller IP Address.

Leave "Obtain an IP address automatically" selected.

Then, to join to the domain, go to the search bar > Type "domain" > Open "Access Work or School" > Click the big "Connect" plus sign > Click "Join this device to a local Active Directory Domain" > ONEPIECE.local > Username: administrator, Password: "P@\$\$w0rd!" (credentials for local admin in Domain Controller) > add administrator user > restart now.

We can check under the "Computers" tab in the Active Directory Users and Computers the just added computers over in the DC.

Login as ONEPIECE/Administrator again. It is going to load. > Go to the search bar > type "users" > Open " Edit Local Users and Groups" > Users > Set Password for built-in administrator account ("Password1!") > Double-click Administrator > Uncheck "Account is disabled" > Ok. We are enabling the built-in Administrator account here. Best practices says otherwise. (For both Client_1 and Client_2, password should be the same).

Go to Groups > Double-click administrators > We can see the Administrators on this computer. > We want to add one more user here. Keep in mind this is the Administrator group, so the user we add here is also going to be an Administrator in this machine. We want to add one of the users created in the Active Directory by the Domain Controller. It could be either LMonkey@ONEPIECE.local or ZRoronoa@ONEPIECE.local .

For Nami, which is Client_2, THENAVIGATOR, I will join LMonkey@ONEPIECE.local to the Administrators Group.

For Frank, which is Client_1, THEROBOT, I will join ZRoronoa@ONEPIECE.local and LMonkey@ONEPIECE.local to the Administrators Group.

Turn on network discovery and file sharing. Open Windows Explorer > Click Network > If it is not on yet, then go ahead and click the yellow tab at the top > Turn on network discovery and file sharing.

You should see the DC. If you open it, you should see the "hackme" file share folder.

Log out. Then, login again as a local administrator.

For Client_2, it would be Nami. If it says "Sign in to :ONEPIECE", then you will need to use the username ".\Nami". That is because Nami is not part of the ONEPIECE.local Domain, but she is the local administrator for the account. I think it is because this was the first account to be set up by the system, so it is automatically an admin account?. Not sure. In any case, we are login in locally, and not in the domain.

Open File Explore > This PC > Computer (On the top menu) > Select Drive: Z: > Folder: \\GoingMerry-DC\hackme > Select both boxes (Reconnect at sign-in, and Connect using....) > Finish > administrator:P@\$\$w0rd! .

Now we have that as a shared drive in this machine.

Now, we are all set up!