# CYSE695-Bridge 2: Hands-On Lab Report 4

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**Directions:** Review the tutorial video found in Module 4 and complete the following tasks. Submit your completed report in Canvas.

# **Setting up Active Directory in Windows Server 2019**

Total Points = 50 points

#### Task 1.

- 1. Login to the server as an administrator.
- 2. Provide a screenshot of the completed task.



3. Briefly describe the screenshot, explaining the task or tool used.

I logged in and started Powershell, used whoami command to confirm I am logged in as administrator.

# Task 2.

- 1. Add domain controller to an existing domain.
- 2. Provide a screenshot of the completed task.

<b>a</b>	Active Directory Domain	Services Configuration Wizard			_		×	
	Deployment (	Configuration				TARGET SE WS2K19-	RVER DC01	
	Deployment Configur Domain Controller Op Additional Options Paths Review Options Prerequisites Check Installation Results	Add a domain contro Add a domain contro Add a new domain to Add a new forest Specify the domain infor Domain: Supply the credentials to <no credentials="" provided<="" th=""><th>peration oller to an existin o an existing fore mation for this o o perform this op d&gt;</th><th>g domain st peration eration</th><th></th><th>Select</th><th></th><th>er.</th></no>	peration oller to an existin o an existing fore mation for this o o perform this op d>	g domain st peration eration		Select		er.
					Lestell.		-1	
			< Pre	AD DS Snap-Ir	install	-Line Tools	21	
			Vou	can close this wizard wit	hout interrupting	running tas	ks. View	. +=:

3. Briefly describe the screenshot, explaining the task or tool used.

I added and installed it after the promote page.C

### Task 3.

- 1. Specify the location of active directory data log files.
- 2. Provide a screenshot of the completed task.

				TASKS
📥 Active Directory Domain Service	s Configuration Wizard		– 🗆 X	
Paths			TARGET SERVER WS2K19-DC01	
Deployment Configuration Domain Controller Options	Specify the location of the AD D	DS database, log files, and SYSVOL		
e For Folder X	Log files folder:	C:\Windows\NTDS		
t the folder for the Active Directory Domain Services Files.	SYSVOL folder:	C:\Windows\SYSVOL		
This PC				TASKS
	More about Active Directory pa	ths		
Vext >		< Previous Next >	Install Cancel	

Create DNS Delegation: No

Database folder: C:\Windows\NTDS

.og file folder: C:\Windows\NTDS

SYSVOL folder: C:\Windows\SYSVOL

3. Briefly describe the screenshot, explaining the task or tool used.

Selected the location for the data log files

### Task 4.

- 1. Start installation.
- 2. Provide a screenshot of the completed task.



Started installation

# How to Join Windows Server 2019 to an Existing Active Directory Domain

Total Point = 50 points

### Task 5.

- 1. View Ethernet properties.
- 2. Provide a screenshot of the completed task.

	👰 Network Connections	
🚘 Server Manager	$\leftarrow \  \  \rightarrow \  \   \land \  \   \uparrow$ Control Panel $\  \   > \  $ All Control Panel Items $\  \   > \  $ Network	Connections
Server N	Organize Thisable this network device Diagnose this connection	Rename this connection View status of this connection
<ul> <li>Dashboard</li> <li>Local Server</li> <li>All Servers</li> <li>AD DS</li> <li>DHCP</li> <li>DNS</li> <li>File and Storage Services ▷</li> </ul>	Networking         Image: Connect using:         Image: Intel(R) PRO/1000 MT Desktop Adapter         Configure         This connection uses the following items:         Image: Image	
	1 item 1 item selected	
	Server Name ID Severity Source WS2K19-DC01 0 Warning Dwminit	Log Date and Time Δpplication 2/25/2024 10:00:55 PM

### Task 6.

- 1. Use nslookup in PowerShell.
- 2. Provide a screenshot of the completed task.

$\bigcirc$							
Google Chrome				Network Connections			
		Server Manager		$\leftarrow \  o \  o \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$			7
		🔼 Administrator: Wind	dows Power	Shell	-	×	of this connection
		Windows PowerShell Copyright (C) Micros	soft Corp	poration. All rights reserved.		^	
	WindowsA (2)	PS C:\Users\Administ Default Server: loo Address: 127.0.0.1	trator> r .calhost	sslookup			

Start button, then select windows PowerShell admin

# Task 7.

- 1. Retrieve system properties computer name/description.
- 2. Provide a screenshot of the completed task.

Computer description:	WS2K19-DC01
	For example: "IIS Production Server" or "Accounting Server".
Full computer name:	WS2K19-DC01.mylab.local
Domain:	mylab.local
To rename this compute workgroup, click Chang	er or change its domain or Change

3. Briefly describe the screenshot, explaining the task or tool used.

### Task 8.

- 1. Retrieve Active Directory users and computers.
- 2. Provide a screenshot of the completed task.



Clicked on tools in the server manager, then selected Active Directory users and computers.