IDENTITY AND ACCESS MANAGEMENT

On this project I emphasize on:

Install active directory on the server

Promote the AD to a DC (domain controller)

Create a new domain Domain forest

Create OUs (Organisation Units)

Create Group

Create users

Change DNS of the users PCs to the IP address of the server

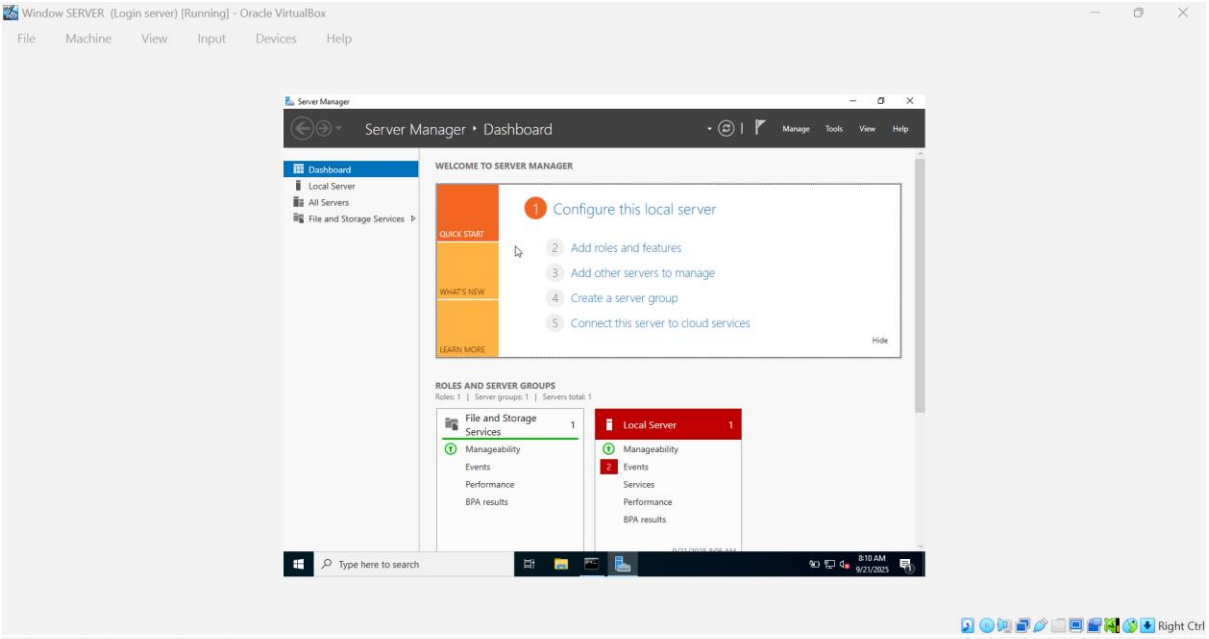
Create a new GPO (Group policy object)

Assign policy.

Creation of Active Directory

For this project, I developed a virtualized Active Directory (AD) environment to demonstrate network administration skills. Using VMware Workstation, I deployed three virtual machines: one running Windows Server 2022 as the domain controller and two running Windows 10 as client machines

To initiate the Active Directory (AD) setup for my virtualized environment project, I configured the Windows Server 2022 virtual machine, hosted on VMware Workstation, to serve as the domain controller. In Server Manager, I accessed the "Manage" menu in the top-right corner and selected "Add Roles and Features Wizard." I proceeded through the wizard, choosing "Role-based or feature-based installation" as the installation type, and installed the Active Directory Domain Services (AD DS) role


Window SERVER (Login server) [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager
Server Manager • Dashboard
Manage Tools View Help
Dashboard
Local Server
All Servers
File and Storage Services
WELCOME TO SERVER MANAGER
QUICK START
WHAT'S NEW
LEARN MORE
1 Configure this local server
2 Add roles and features
3 Add other servers to manage
4 Create a server group
5 Connect this server to cloud services
Hide
ROLES AND SERVER GROUPS
Roles: 1 | Server groups: 1 | Servers total: 1
File and Storage Services 1
Manageability
Events
Performance
BPA results
Local Server 1
Manageability
Events
Services
Performance
BPA results
Type here to search
8:10 AM
9/21/2025
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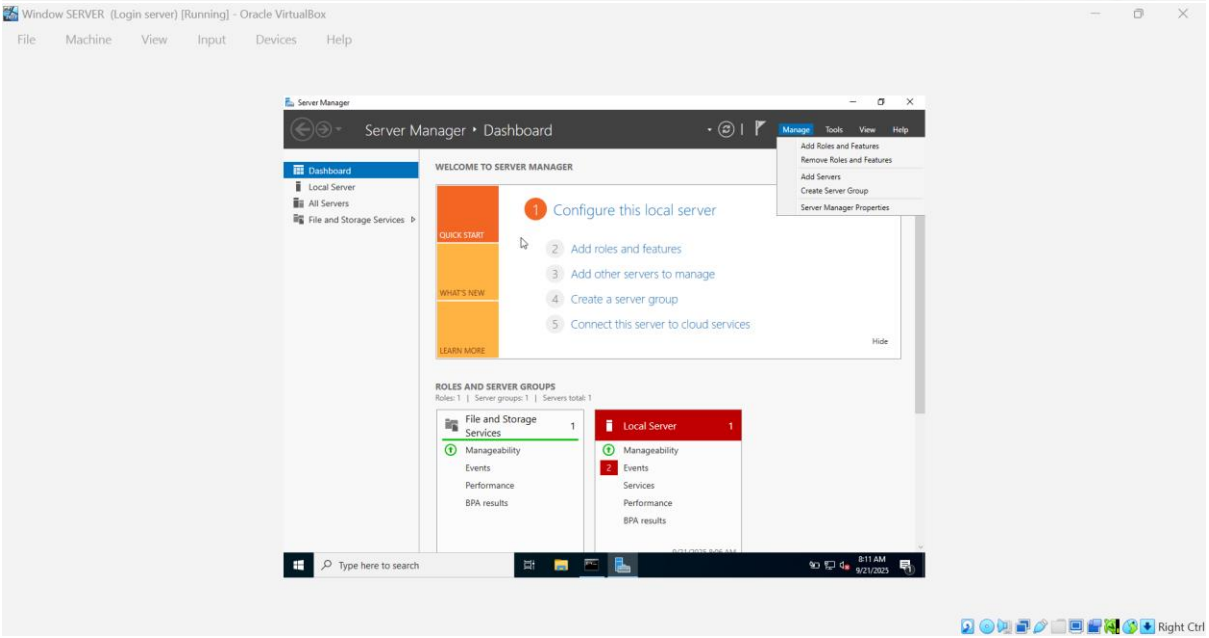
Window SERVER (Login server) [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager
Server Manager • Dashboard
Manage Tools View Help
Add Roles and Features
Remove Roles and Features
Add Servers
Create Server Group
Server Manager Properties
Dashboard
Local Server
All Servers
File and Storage Services
WELCOME TO SERVER MANAGER
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File and Storage Services 1
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BPA results
Local Server 1
Manageability
Events
Services
Performance
BPA results
Type here to search
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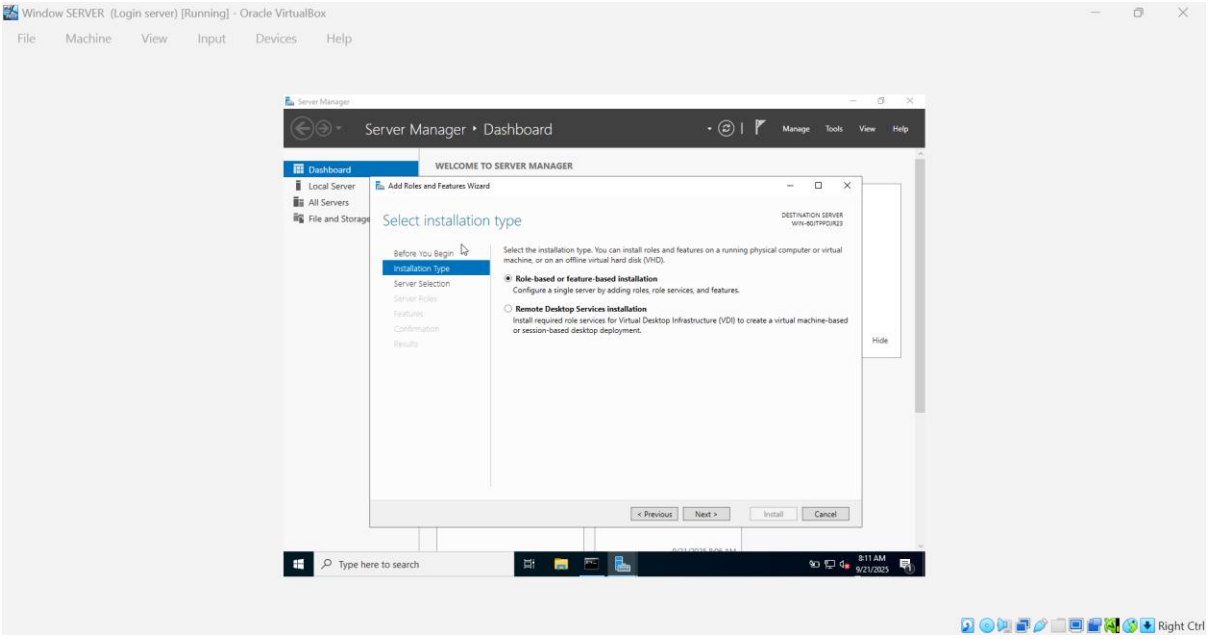
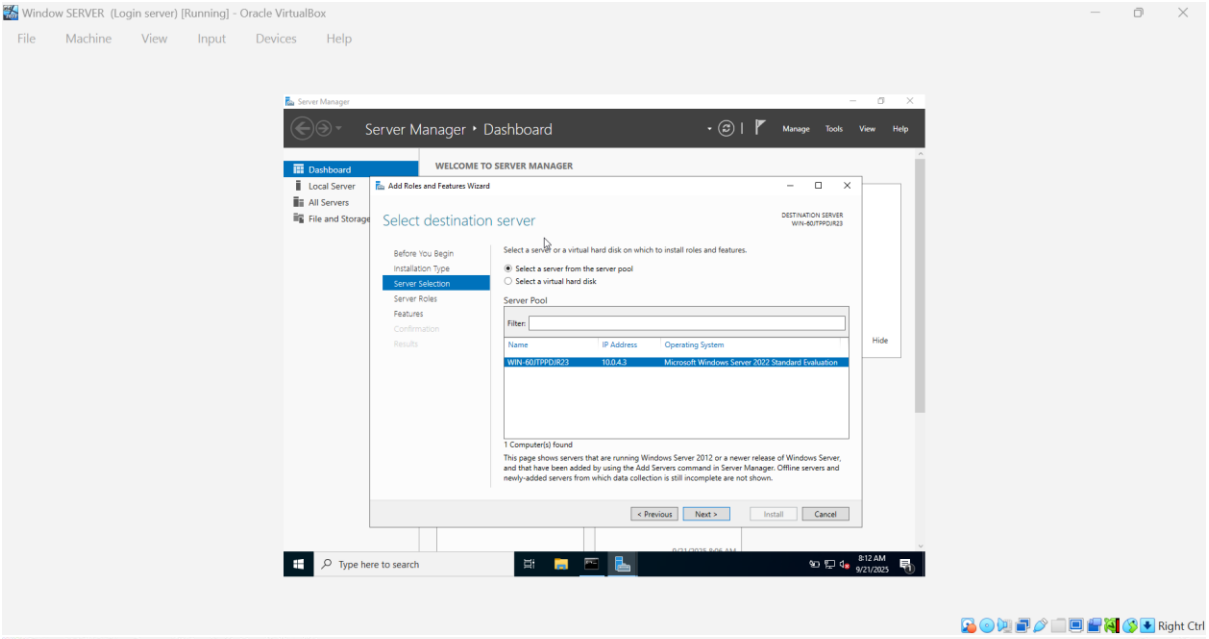
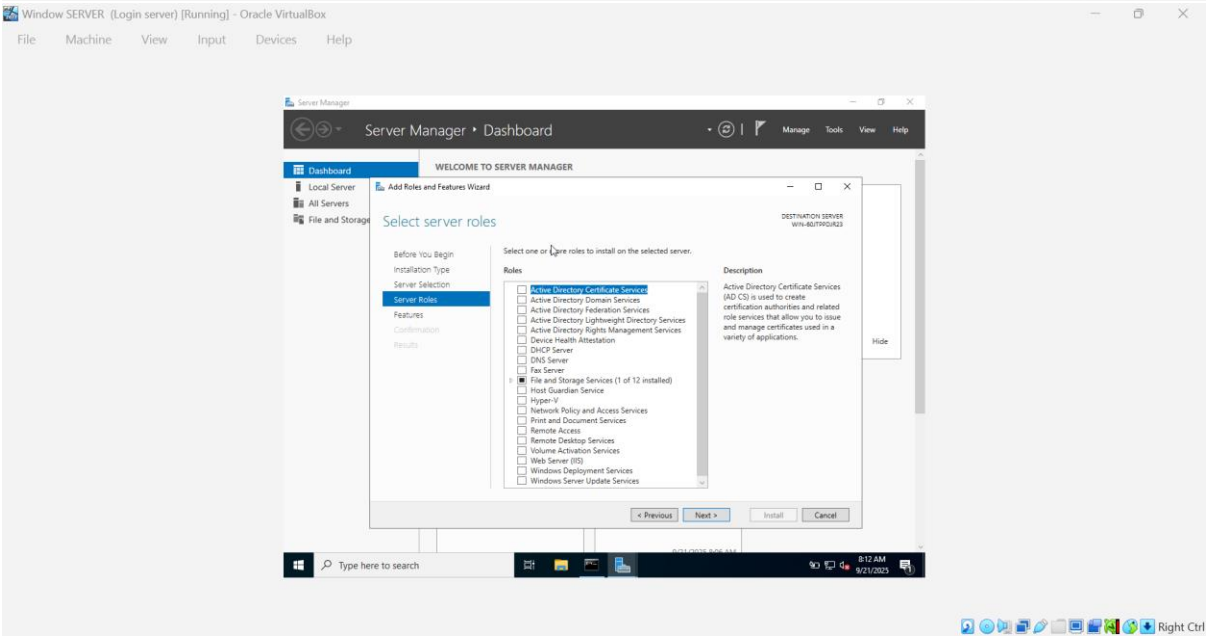
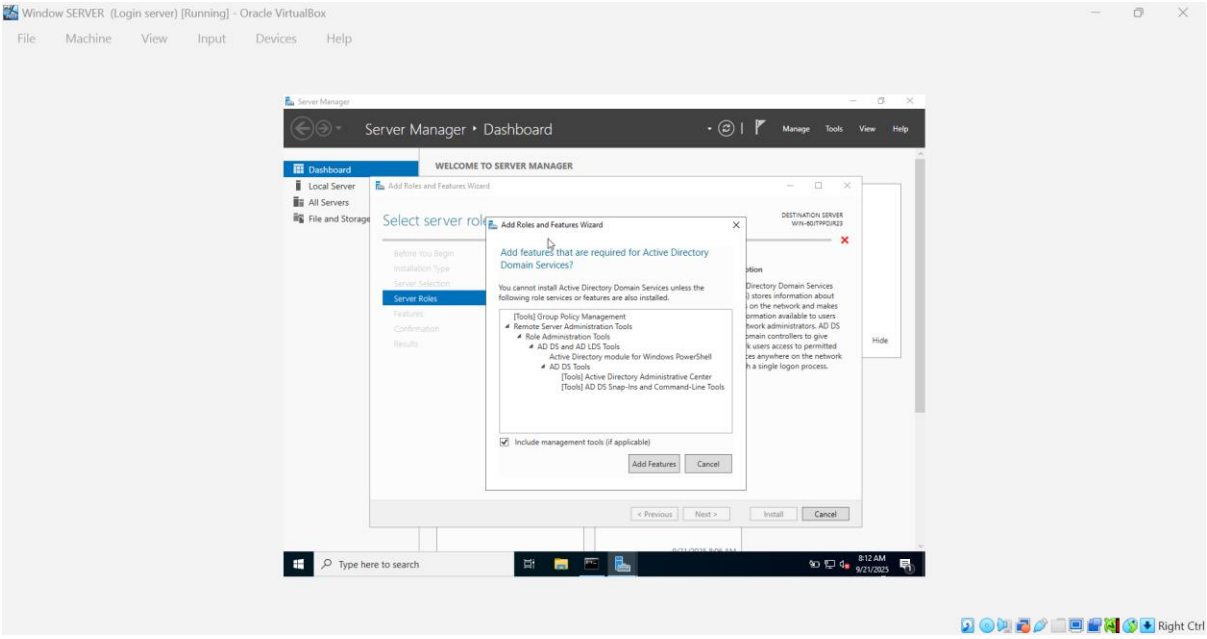
Right Ctrl



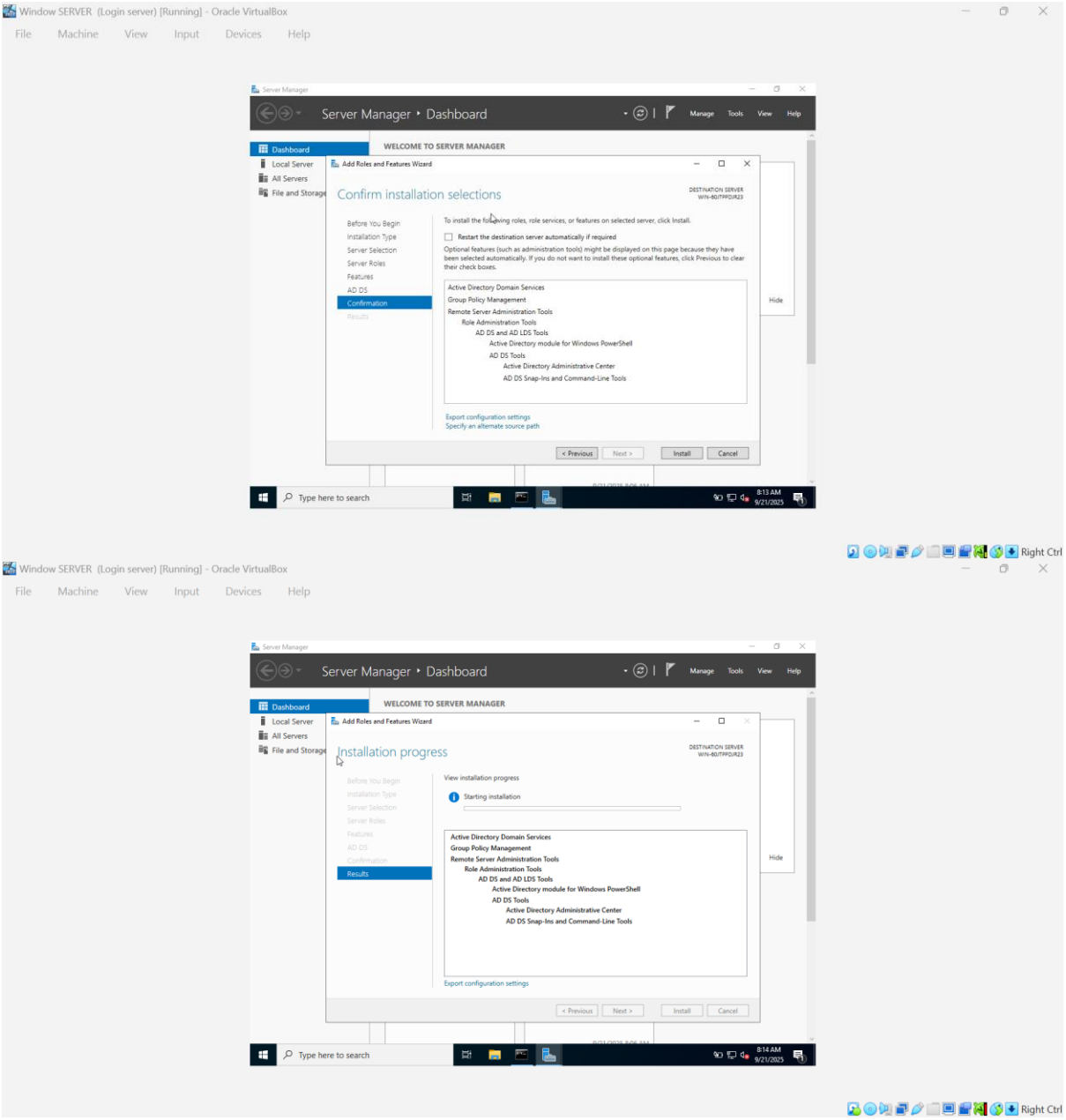
In the next phase of configuring my Windows Server 2022 virtual machine, I continued through the "Add Roles and Features Wizard" in Server Manager. In the "Server Selection" step, I chose the Windows Server 2022 machine from the server pool to apply the desired roles. Proceeding to the "Server Roles" section, I selected "File and Storage Services" to enable file sharing and storage management capabilities. I then advanced through the wizard to complete the installation of the selected role. (The screenshot illustrates these steps, displaying the server selection and role configuration interfaces.)


Window SERVER (Login server) [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager
Server Manager • Dashboard
Manage Tools View Help
Dashboard
Local Server
All Servers
File and Storage
WELCOME TO SERVER MANAGER
Add Roles and Features Wizard
Select destination server
DESTINATION SERVER
WIN-60JTPPDIR23
Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results
Select a server or a virtual hard disk on which to install roles and features.
Select a server from the server pool
Select a virtual hard disk
Server Pool
Filter:
Name
IP Address
Operating System
WIN-60JTPPDIR23
10.0.4.3
Microsoft Windows Server 2022 Standard Evaluation
1 Computer(s) found
This page shows servers that are running Windows Server 2012 or a newer release of Windows Server, and that have been added by using the Add Servers command in Server Manager. Offline servers and newly-added servers from which data collection is still incomplete are not shown.
< Previous
Next >
Install
Cancel
Hide
Type here to search
8:12 AM
9/21/2025
Right Ctrl


Window SERVER (Login server) [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager
Server Manager • Dashboard
Manage Tools View Help
Dashboard
Local Server
All Servers
File and Storage
WELCOME TO SERVER MANAGER
Add Roles and Features Wizard
Select server roles
DESTINATION SERVER
WIN-60JTPPDIR23
Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results
Select one or more roles to install on the selected server.
Roles
Active Directory Certificate Services
Active Directory Domain Services
Active Directory Federation Services
Active Directory Lightweight Directory Services
Active Directory Rights Management Services
Device Health Attestation
DHCP Server
DNS Server
Fax Server
File and Storage Services (1 of 12 installed)
Host Guardian Service
Hyper-V
Network Policy and Access Services
Print and Document Services
Remote Access
Remote Desktop Services
Volume Activation Services
Web Server (IIS)
Windows Deployment Services
Windows Server Update Services
Description
Active Directory Certificate Services (AD CS) is used to create certification authorities and related role services that allow you to issue and manage certificates used in a variety of applications.
< Previous
Next >
Install
Cancel
Hide
Type here to search
8:12 AM
9/21/2025
Right Ctrl



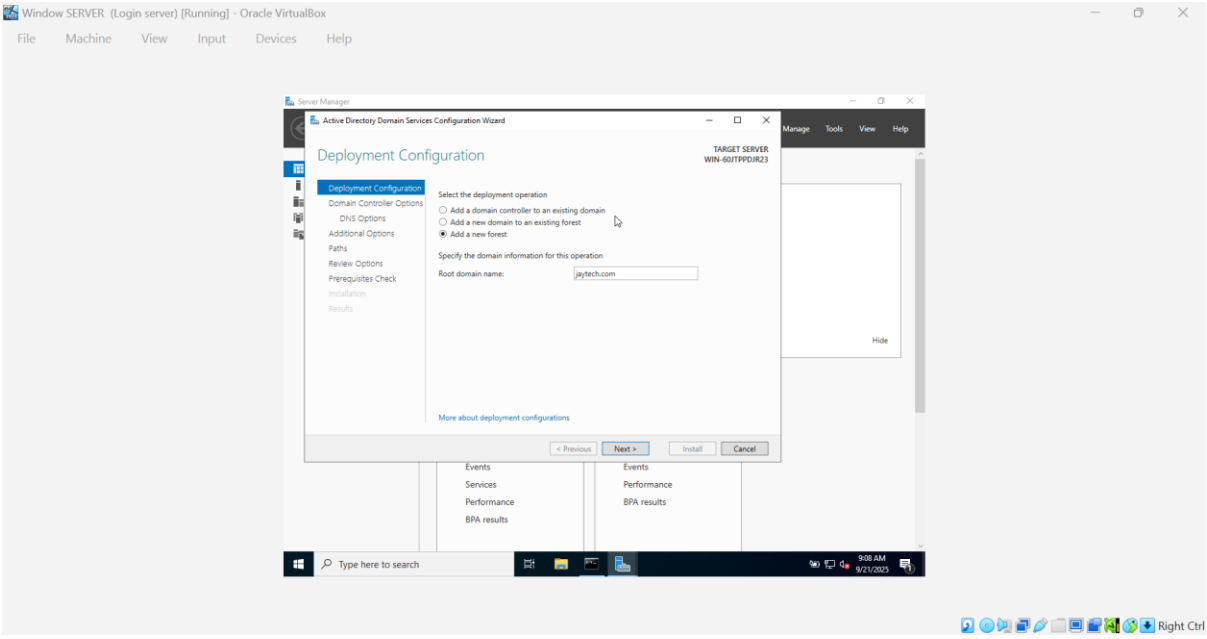
In the "Features" phase, I checked the appropriate options to support the installed roles. I then advanced to the "Confirmation" stage, reviewing the selected roles and features, and continued to the "Results" stage, clicking "Next" until reaching the final step. The installation completed successfully, enabling the configured services on the server. (The screenshot provides evidence of the successful installation, displaying the wizard’s completion interface.)



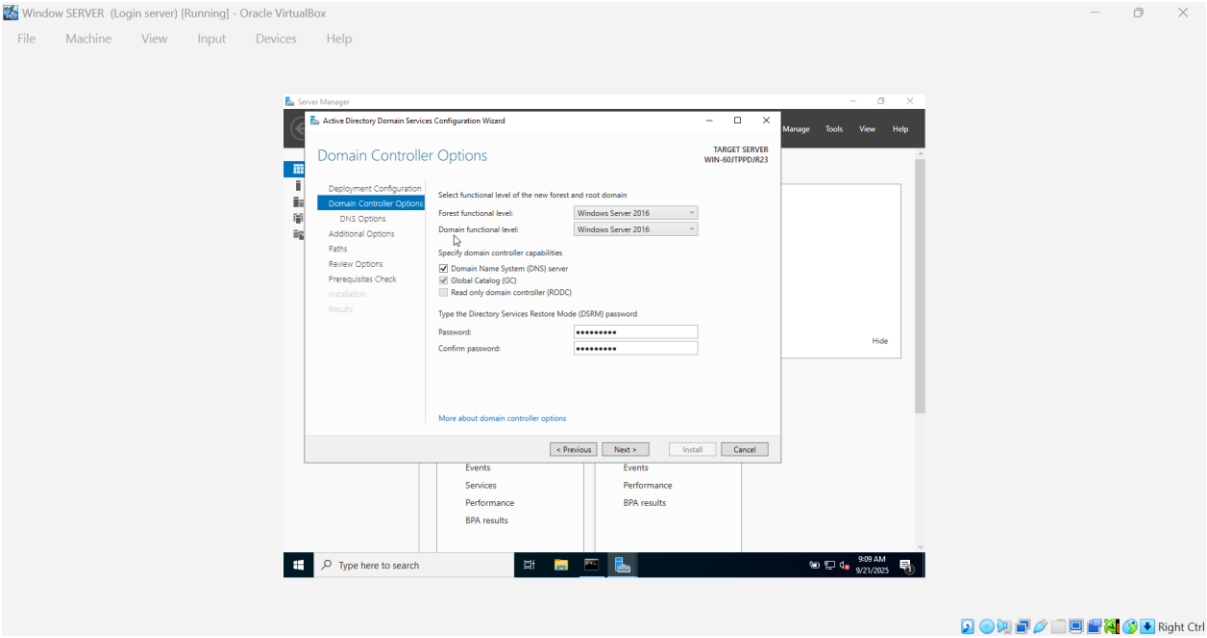
This above explanation and screenshot shows the proof and stage I passed through before I successfully installed active directory.

Promoting My Server to Domain Controller

After successfully installing Active Directory Domain Services (AD DS) as described earlier, I proceeded to promote the server to a domain controller. I opened Server Manager, clicked the yellow triangle in the top-right corner, and selected Promote this server to a domain controller. This launched the Deployment Configuration wizard

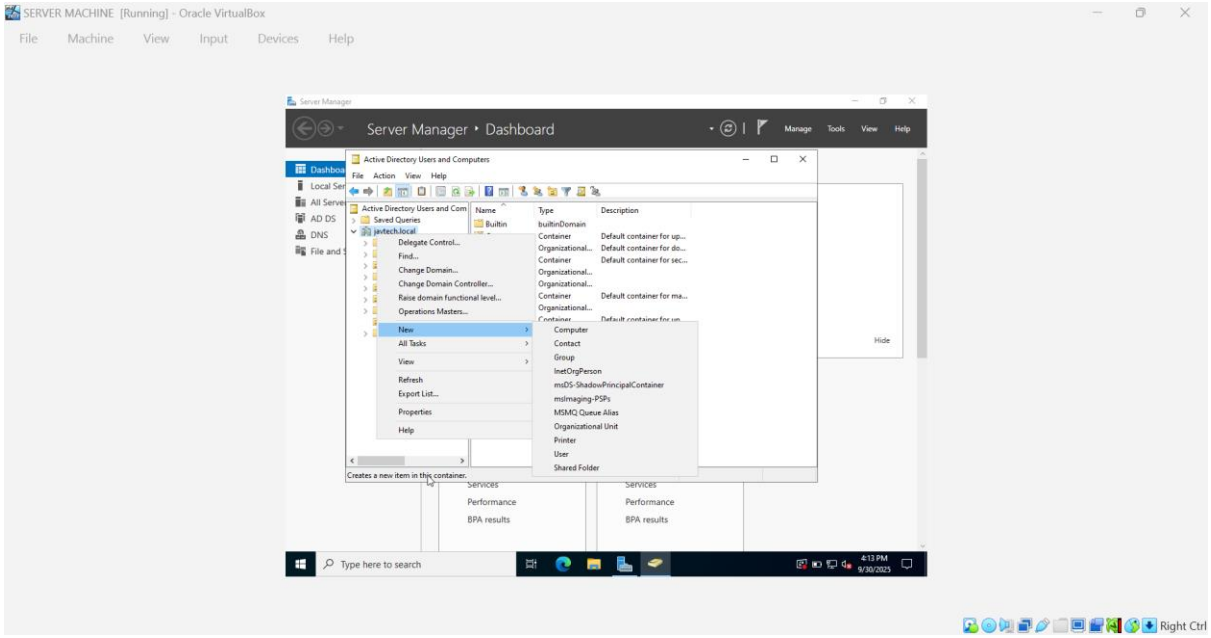


In the Deployment Configuration wizard, as shown in the referenced screenshot, I selected the option to add a new forest and specified the forest name as JAYTECH. I then proceeded to the Domain Controller Options step. Here, I created a Directory Services Restore Mode (DSRM) password, ensuring it was strong and complied with standard password policy requirements. The screenshot below provides further details.



After creating a strong Directory Services Restore Mode (DSRM) password that met standard policy requirements, I proceeded to the DNS Options step in the Active Directory Domain Services Configuration Wizard. I continued clicking next through the remaining steps until reaching the final stage, where I clicked Install. The installation completed successfully, promoting the server to a domain controller.

After setting up Active Directory and the forest, I proceeded to create Organizational Units (OUs) for staff located in different counties in the United Kingdom, specifically Liverpool, Manchester, and London. To begin creating the OUs, I started the server and accessed the Server Manager. From there, I clicked on "Tools" in the top-right corner to open "Active Directory Users and Computers." Next, I right-clicked on the domain I created, named "Jaytech," and selected "New" to create the desired Organizational Units. The process is further illustrated in the attached screenshot.

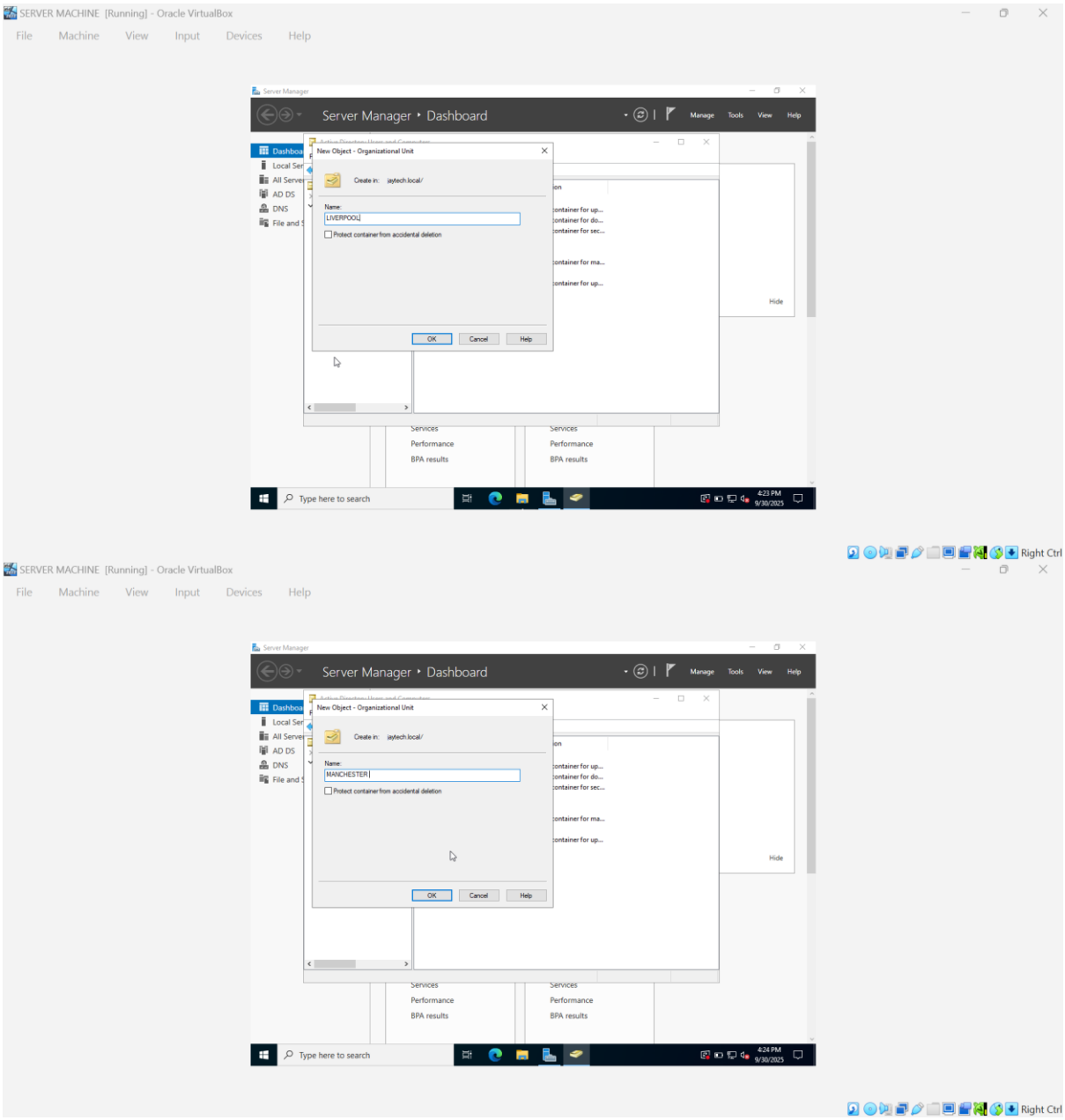


- Create **a New Organizational Unit:**

- After right-clicking the domain and selecting **New** > **Organizational Unit**, a dialog box appears.
- I enter a name for the OU, such as:
  - Liverpool
  - Manchester
  - London
- Optionally, uncheck the box **Protect container from accidental deletion** if you want to make it easier to delete the OU later (not recommended for production environments).
- Click **OK** to create the OU.

- **Repeat for Additional OUs:**

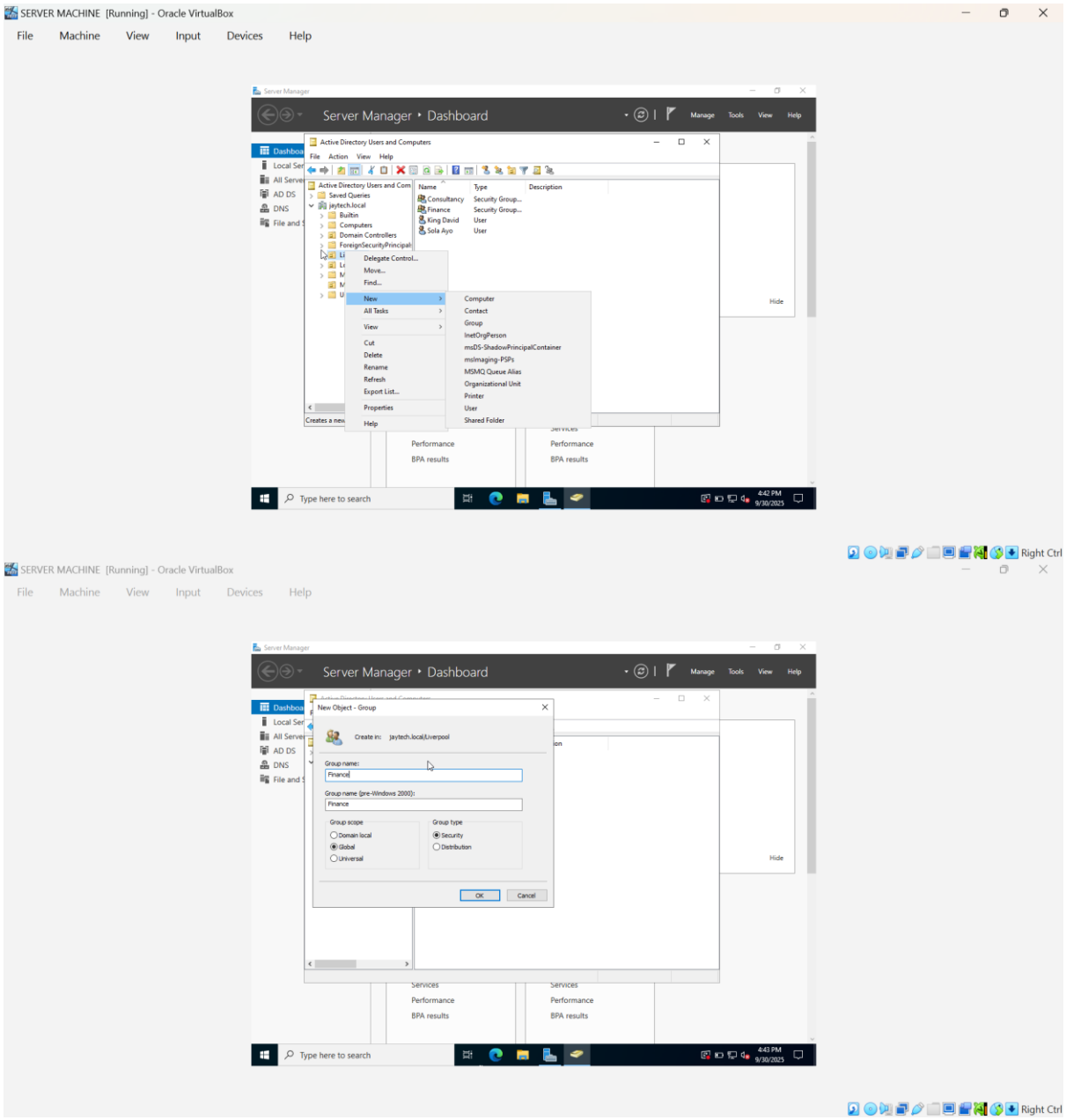
  - Repeat the process for each location (e.g. Liverpool, Manchester, London) to create separate OUs for staff in each county.



- **Create the Finance Group in the Liverpool OU:**

- Right-click the Liverpool OU.
- Select **New** > **Group**.
- In the **New Object - Group** dialog box:
    - **Group name:** Enter Finance.
    - **Group scope:** Select **Global** (recommended for department-based groups to manage permissions or memberships across the domain).
    - **Group type:** Select **Security** (for assigning permissions) or **Distribution** (for email lists). For departmental use, **Security** is typically preferred.
    - Example settings:
        - Group name: Finance
        - Scope: Global

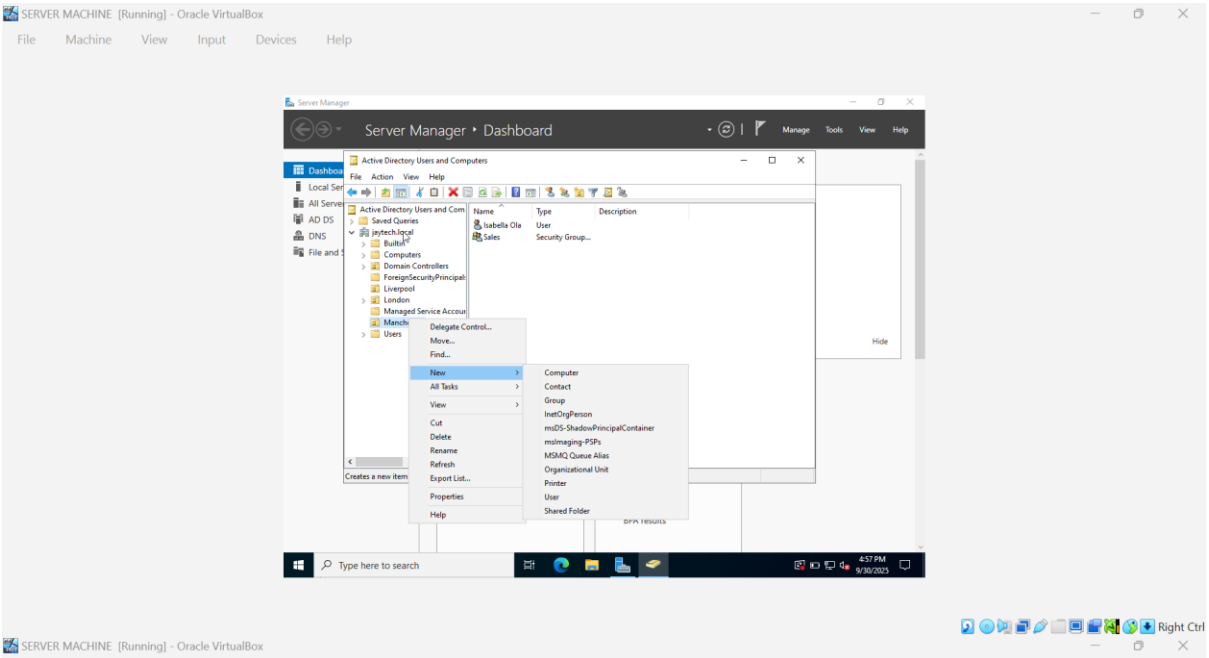
- Type: Security

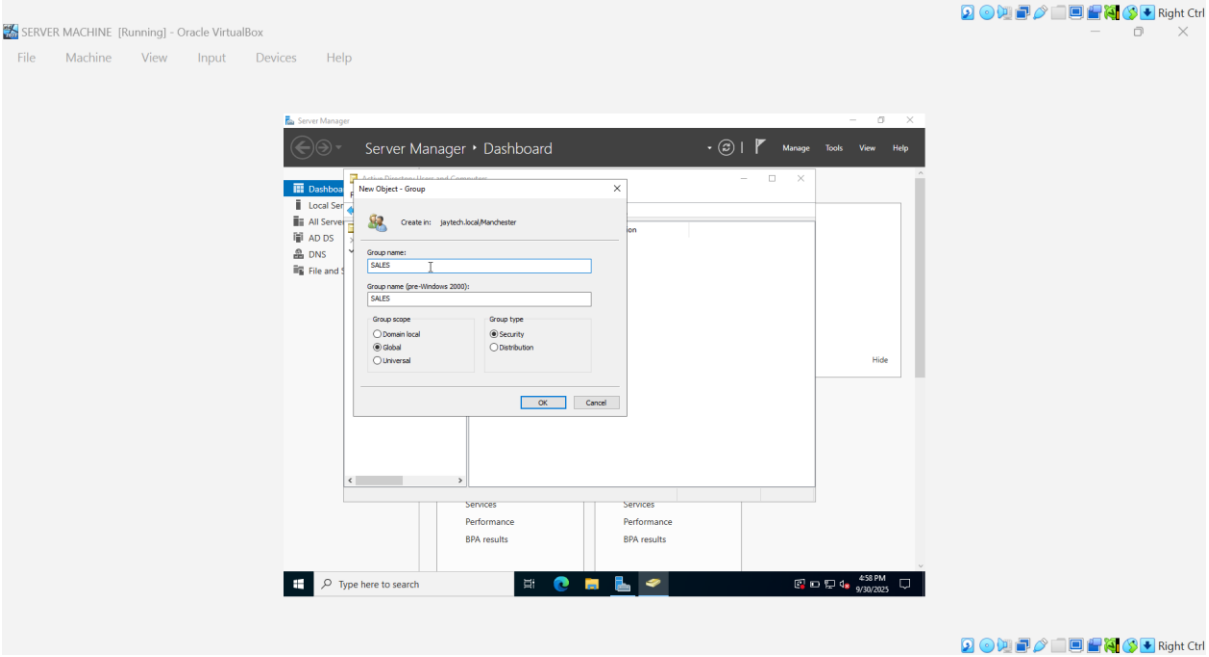


- **Create the Sales Group in the Manchester OU:**

  - Right-click the Liverpool OU.
  - Select **New** > **Group**.
  - In the **New Object - Group** dialog box:
    - **Group name:** Enter Sales.
    - **Group scope:** Select **Global** (recommended for department-based groups to manage permissions or memberships across the domain).
    - **Group type:** Select **Security** (for assigning permissions) or **Distribution** (for email lists). For departmental use, **Security** is typically preferred.
    - Example settings:
      - Group name: Sales
      - Scope: Global

- Type: Security

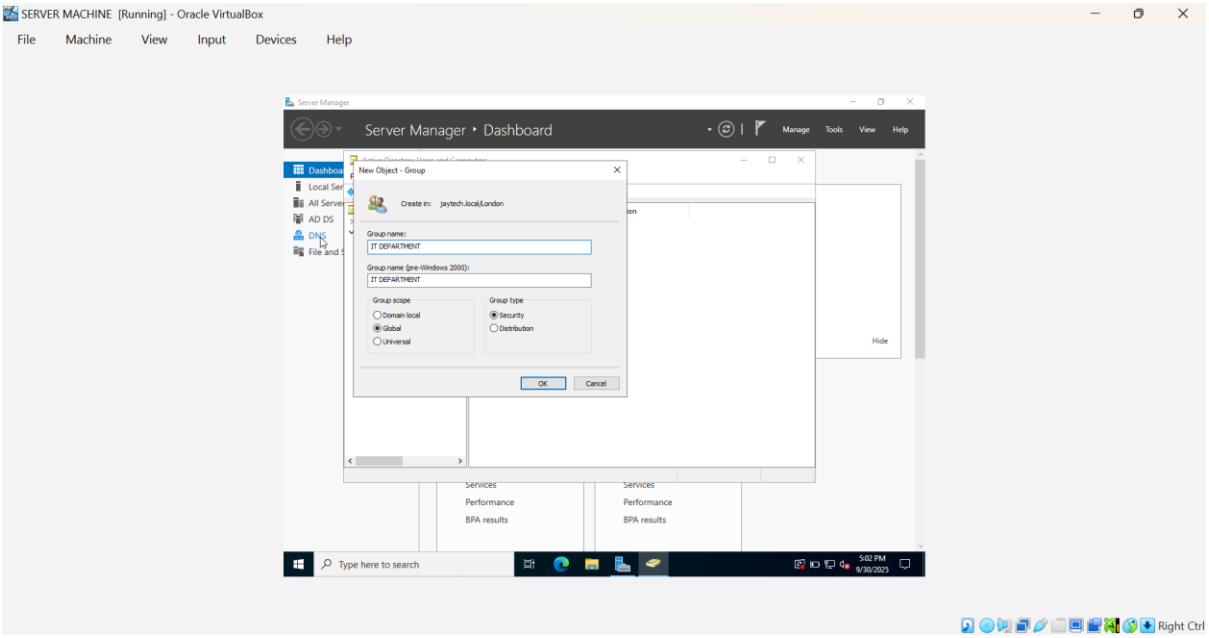




- Create **the IT Department Group in the London OU:**

  - Right-click the London OU.
  - Select **New** > **Group**.
  - In the **New Object - Group** dialog box:
    - **Group name:** Enter IT.

- **Group scope:** Select **Global** (recommended for department-based groups to manage permissions or memberships across the domain).
- **Group type:** Select **Security** (for assigning permissions) or **Distribution** (for email lists). For departmental use, **Security** is typically preferred.
- Example settings:
  - Group name: IT
  - Scope: Global
  - Type: Security

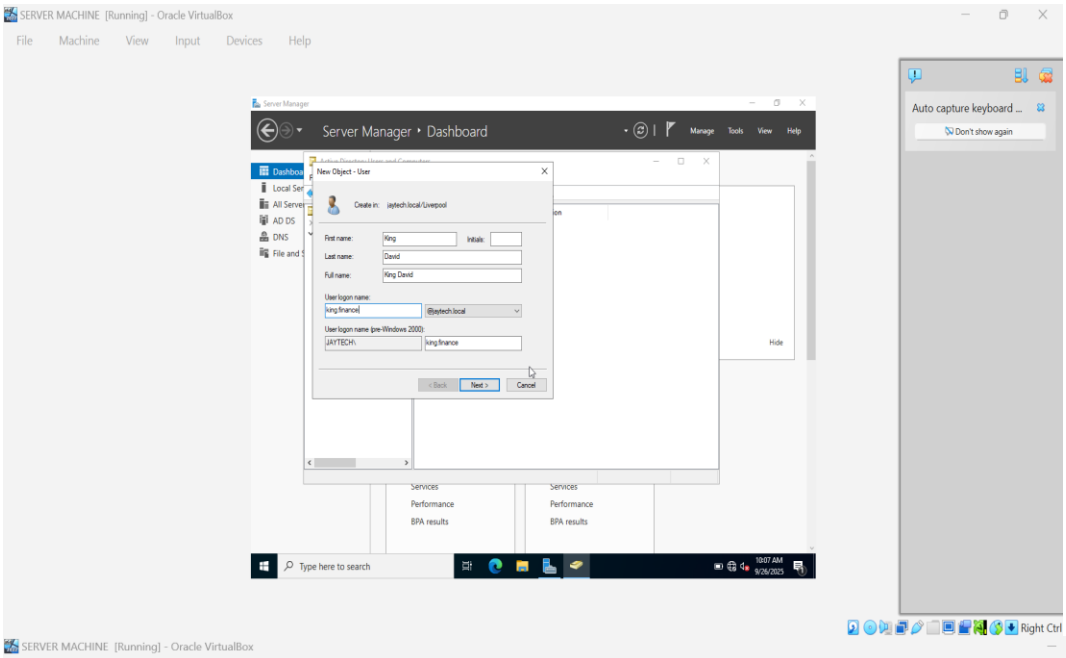


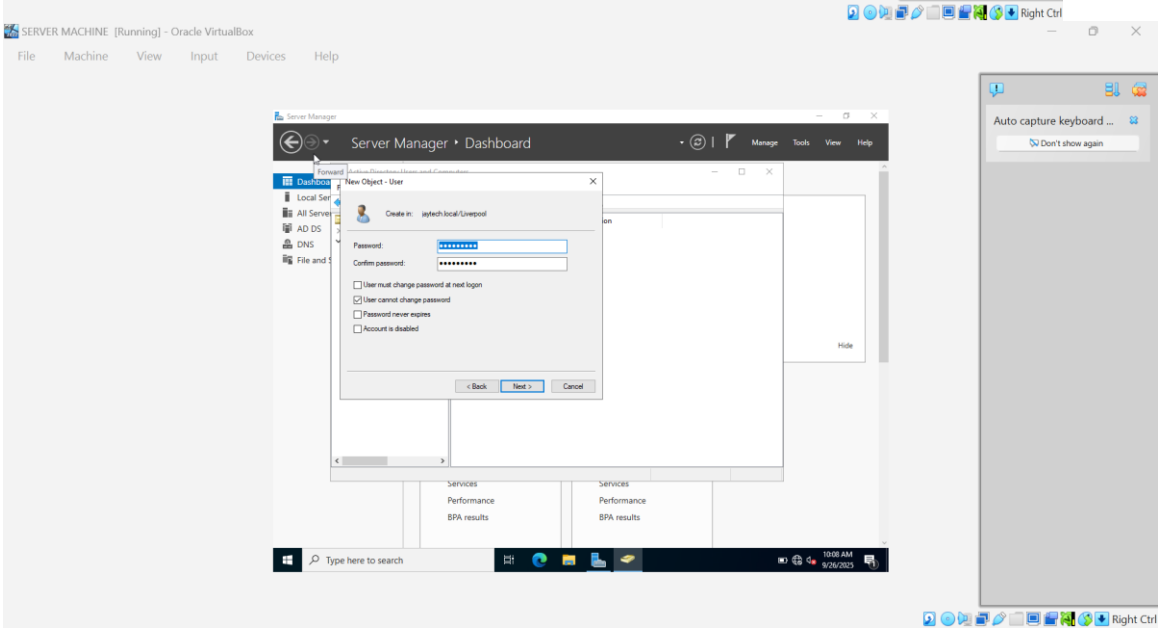
Steps to Create Users and Assign Group Membership

This is my outlines of the process I took for creating users (King David and Sola for Liverpool's Finance and Consultancy groups, Isabella for Manchester's Sales group, and Julius for London's IT group) within their respective Organizational Units (OUs) and adding them to the appropriate groups in Active Directory under the Jaytech.local domain using Active Directory Users and Computers (ADUC).

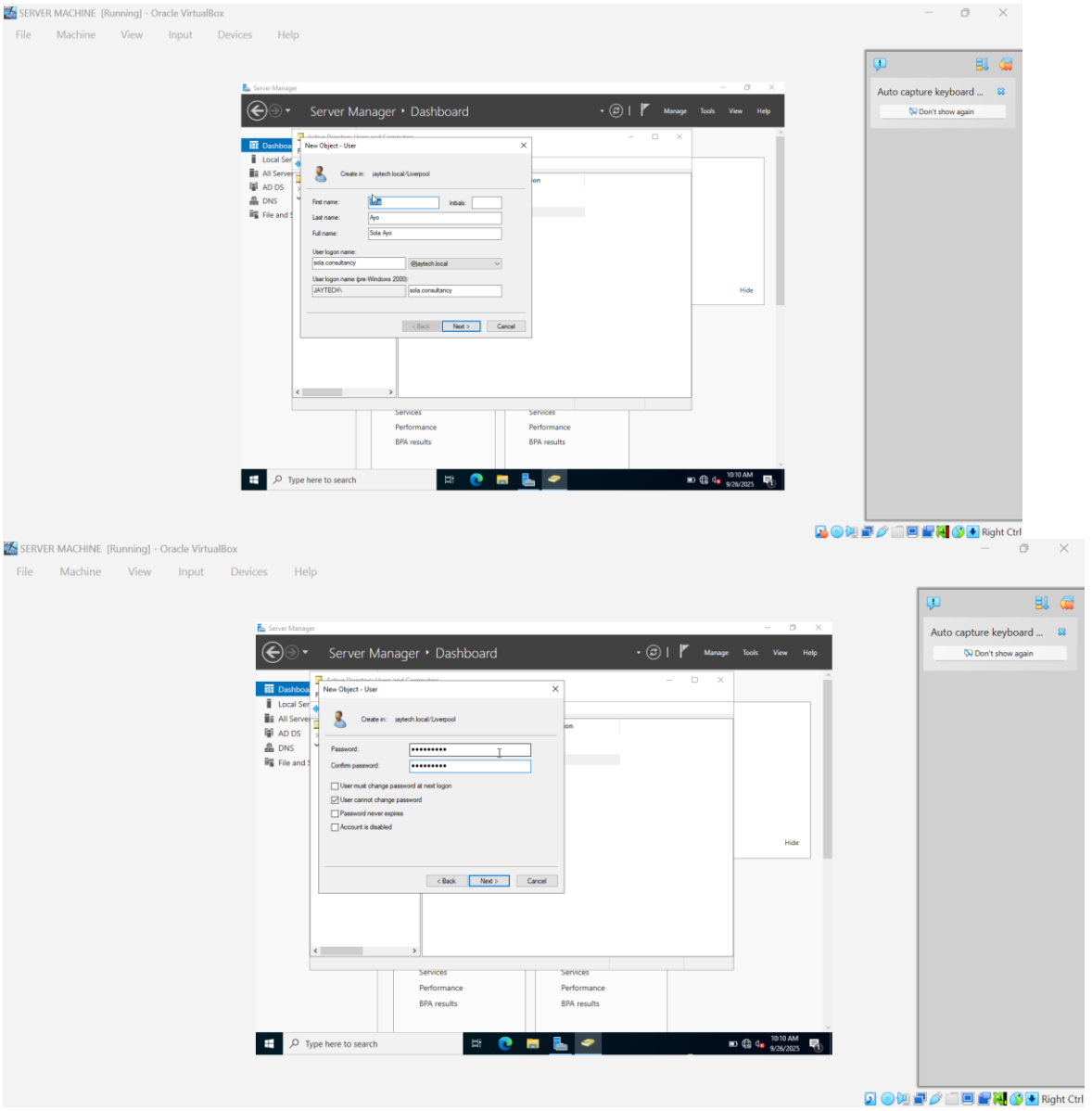
Creating Users in Liverpool OUs:

- For **Liverpool**:
  - Navigated to the Liverpool OU.
  - First user was created
  - Created user **King David**
  - Password was created (user cannot change the password was assigned)



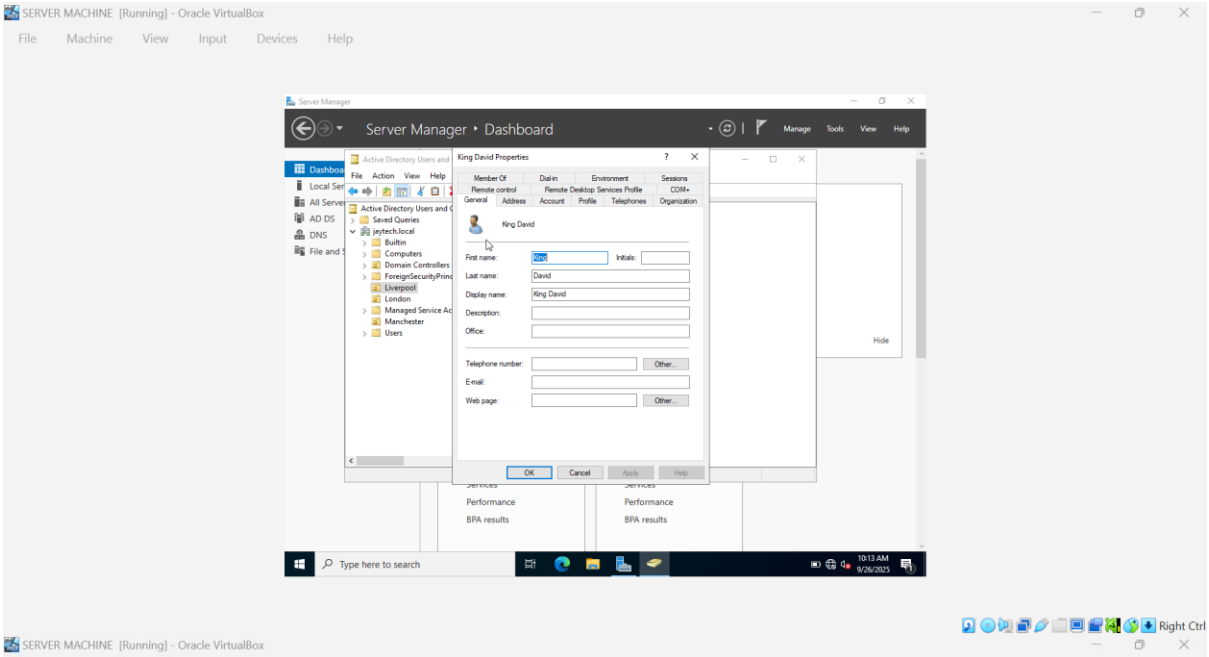


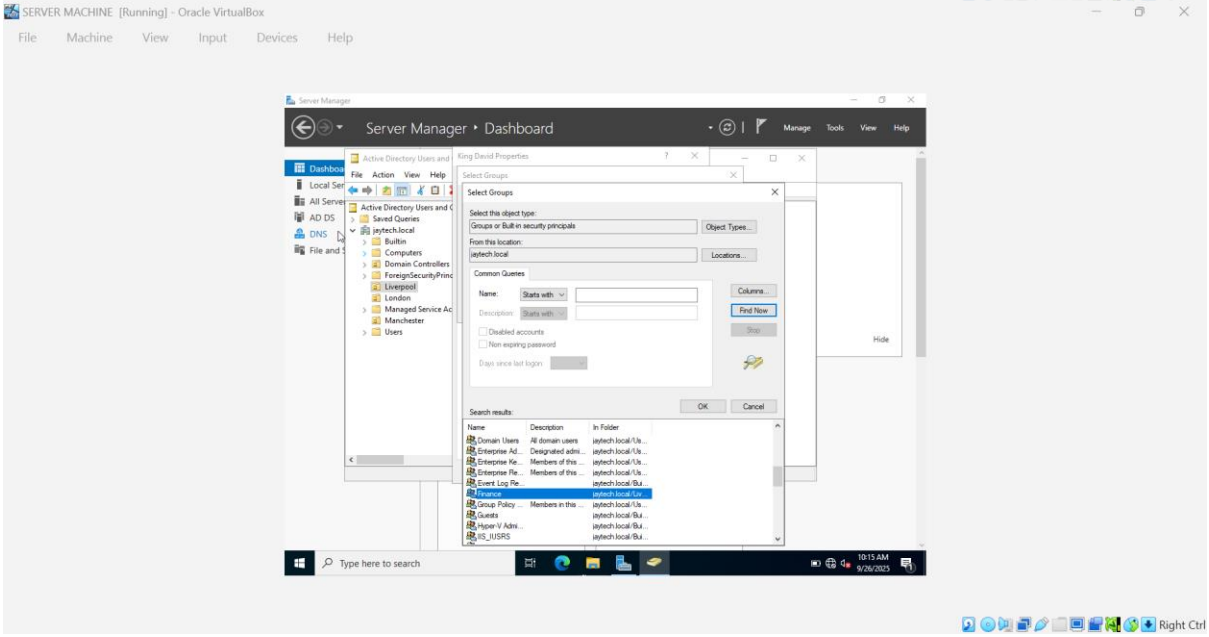
- Navigated to the Liverpool OU.
- Second user was created
- Created user **Sola Ayo**
- Password was created (user cannot change the password was assigned)



Added Group Membership to Liverpool OUs:

- Clicked **Add** in the **Member of** tab.
- In the **Select Groups** dialog, clicked **Advanced**.
- Used the **Find Now** option to search for groups.
- Selected the desired group and added it to assign the user to that group within the domain.



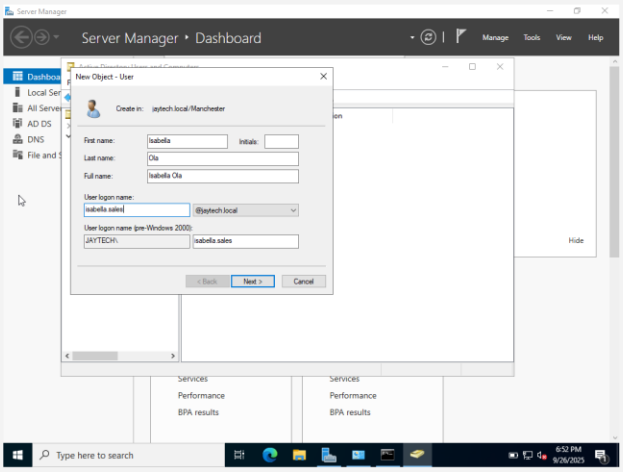


Creating Users in Manchester OUs:

- For **Manchester**:
  - Navigated to the Manchester OU.
  - First user was created
  - Created user **Isabella Ola**
  - Password was created (user cannot change the password was assigned)

SERVER MACHINE [Running] - Oracle VirtualBox

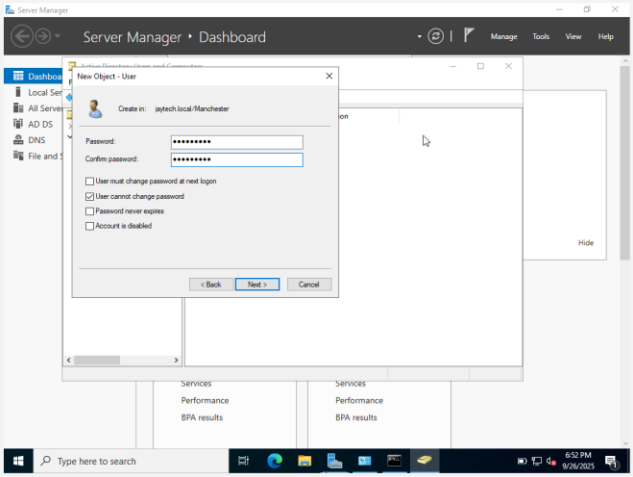
File Machine View Input Devices Help



Right Ctrl

SERVER MACHINE [Running] - Oracle VirtualBox

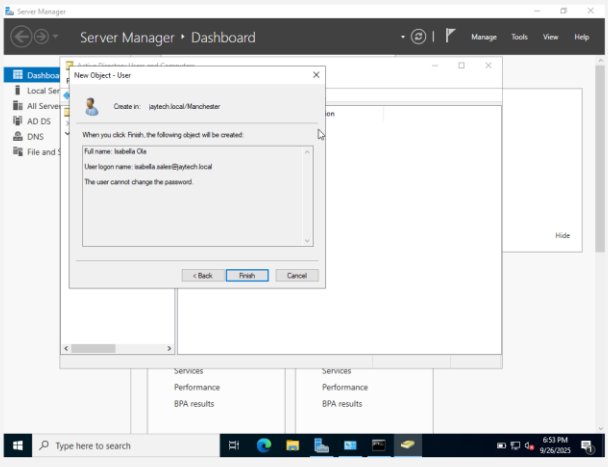
File Machine View Input Devices Help



Right Ctrl

SERVER MACHINE [Running] - Oracle VirtualBox

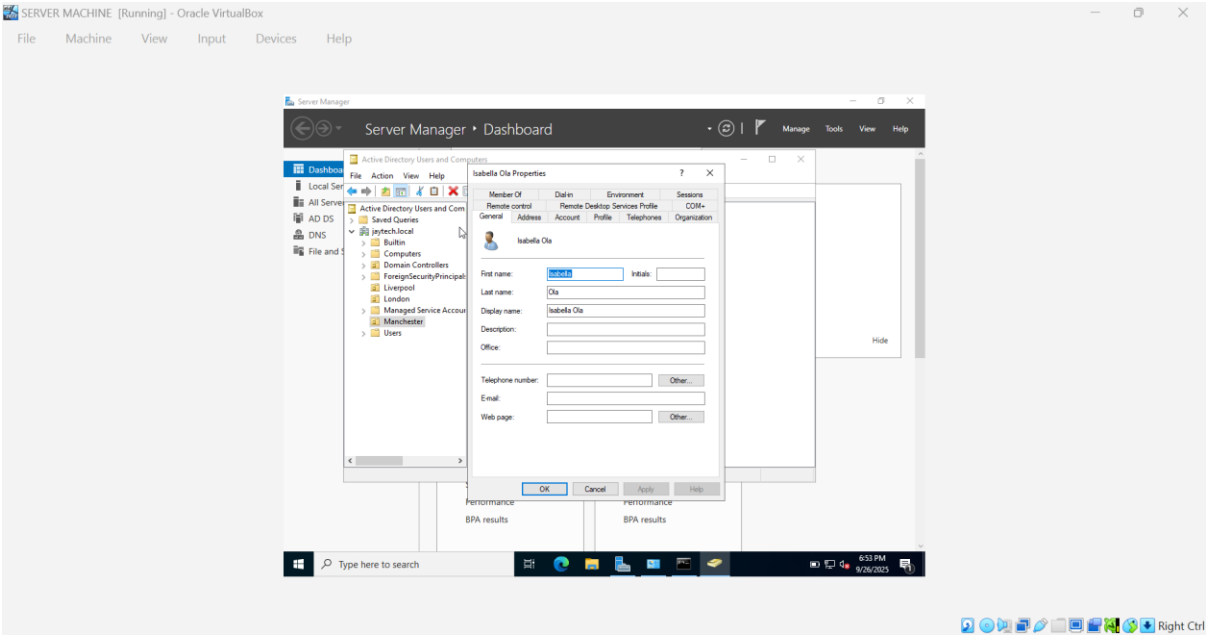
File Machine View Input Devices Help

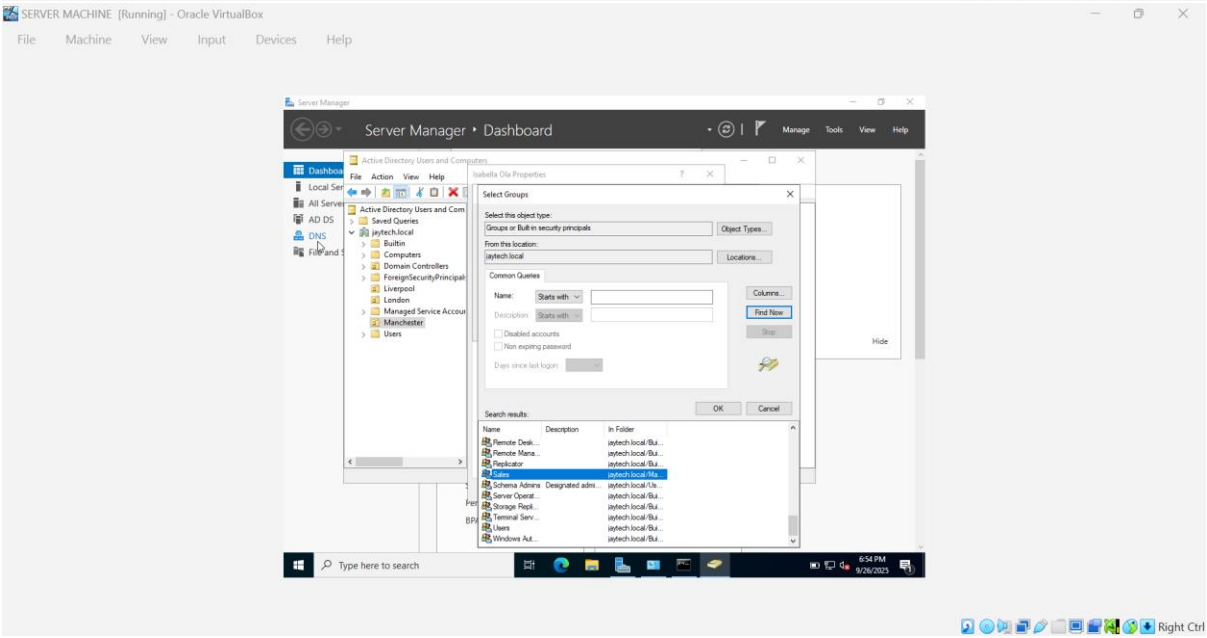


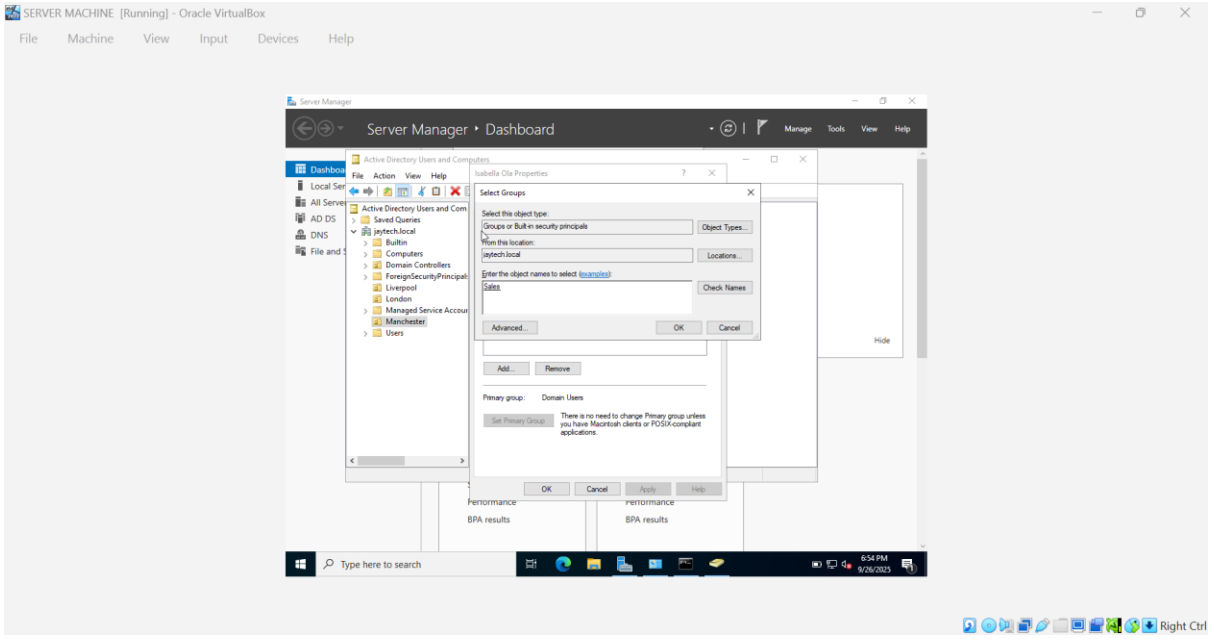
Right Ctrl

Added Group Membership to Manchester OUs:

- Clicked **Add** in the **Member of** tab.
- In the **Select Groups** dialog, clicked **Advanced**.
- Used the **Find Now** option to search for groups.
- Selected the desired group and added it to assign the user to that group within the domain.

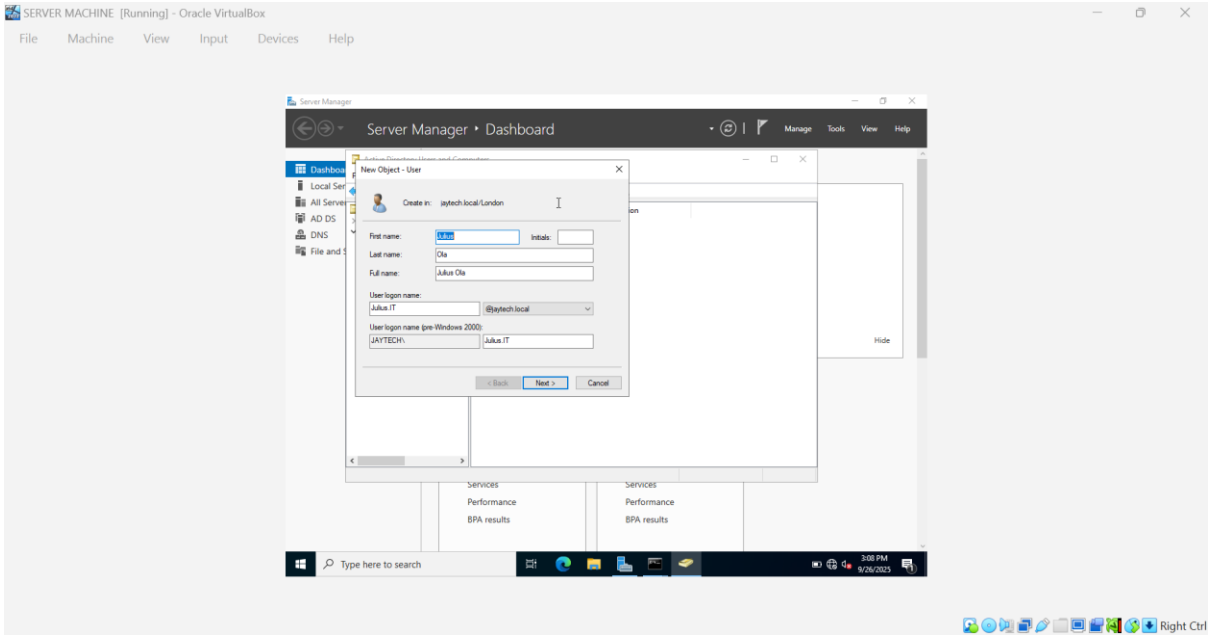

SERVER MACHINE [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager • Dashboard
Manage Tools View Help
Isabella Ola Properties
Active Directory Users and Computers
jaytech.local
Builtin
Computers
Domain Controllers
ForeignSecurityPrincipals
Liverpool
London
Managed Service Accounts
Manchester
Users
BPA results
Type here to search
6:53 PM
9/26/2025
Right Ctrl

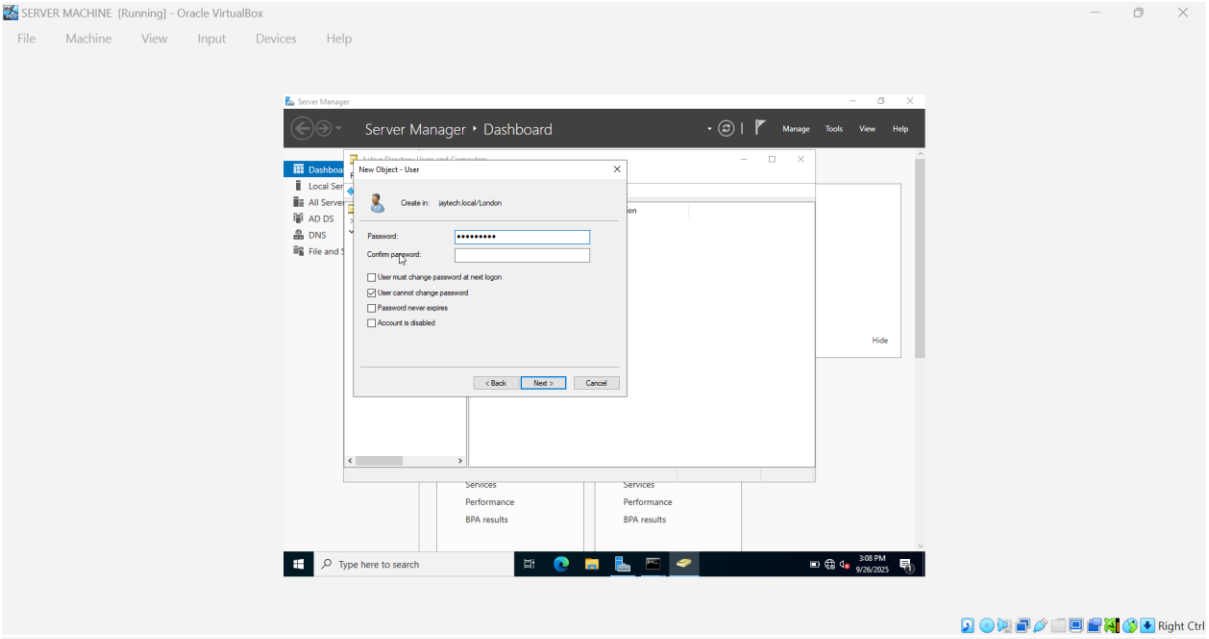

SERVER MACHINE [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager • Dashboard
Manage Tools View Help
Select Groups
Select this object type:
Groups or Built-in security principals
From this location:
jaytech.local
Common Queries
Name:
Starts with
Disabled accounts
Non expiring password
Days since last logon:
Columns...
Find Now
Stop
OK
Cancel
Search results:
Name
Description
In Folder
Sales
Schema Admins
Designated admi...
Server Operat...
Storage Repli...
Terminal Serv...
Users
Windows Aut...
Type here to search
6:54 PM
9/26/2025
Right Ctrl

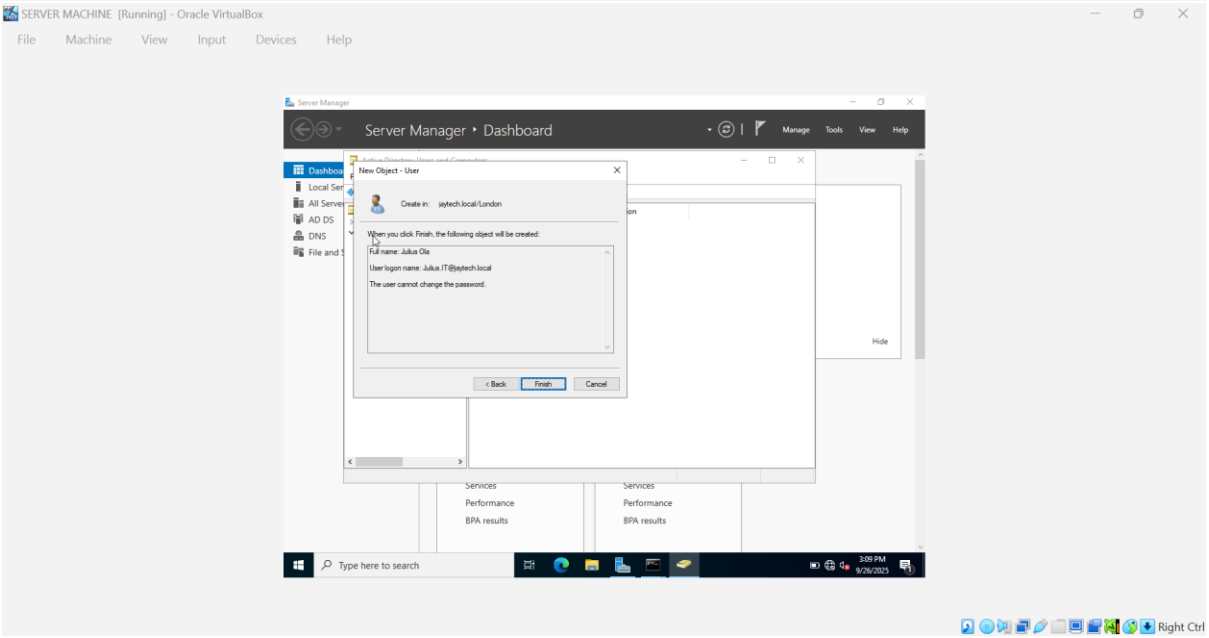


Creating Users in London OUs:

- For **London**:
  - Navigated to the London OU.
  - First user was created
  - Created user **Julius Ola**
  - Password was created (user cannot change the password was assigned)

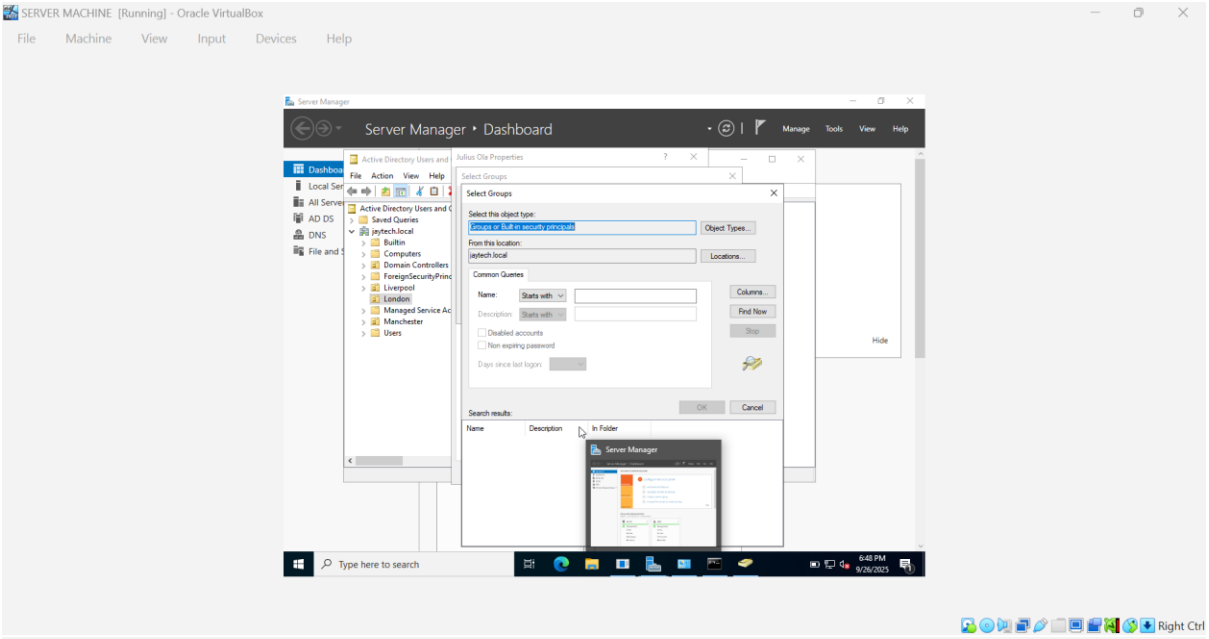


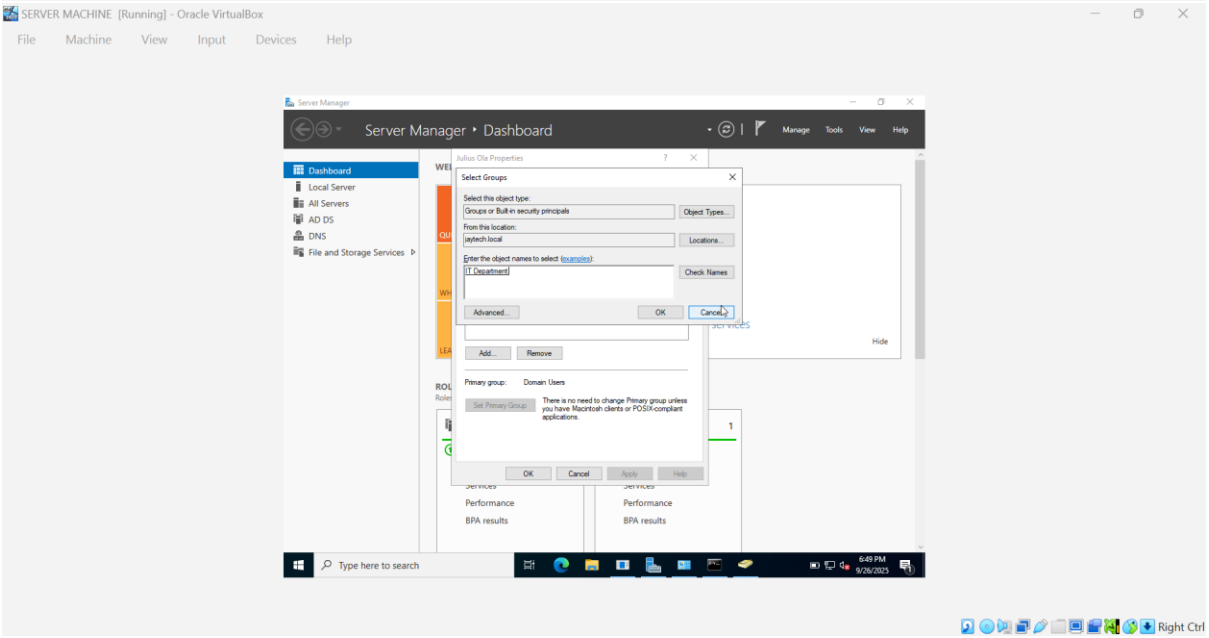


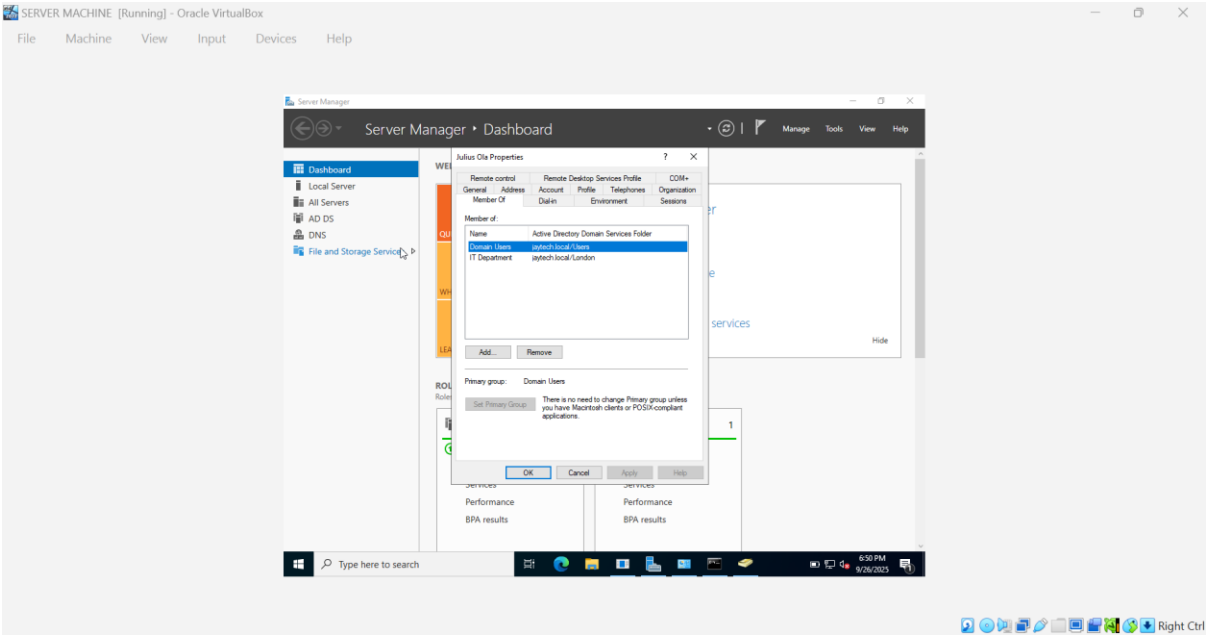


Added Group Membership to London OUs:

- Clicked **Add** in the **Member of** tab.
- In the **Select Groups** dialog, clicked **Advanced**.
- Used the **Find Now** option to search for groups.
- Selected the desired group and added it to assign the user to that group within the domain.


SERVER MACHINE [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager • Dashboard
Manage Tools View Help
Select Groups
Select this object type:
Groups or Built-in security principals
Object Types...
From this location:
jaytech.local
Locations...
Common Queries
Name: Starts with
Description: Starts with
Disabled accounts
Non expiring password
Days since last logon:
Columns...
Find Now
Stop
OK
Cancel
Search results:
Name
Description
In Folder
Hide
Type here to search
6:48 PM
9/26/2025
Right Ctrl


SERVER MACHINE [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager • Dashboard
Manage Tools View Help
Dashboard
Local Server
All Servers
AD DS
DNS
File and Storage Services
Select Groups
Select this object type:
Groups or Built-in security principals
Object Types...
From this location:
jaytech.local
Locations...
Enter the object names to select (examples):
IT Department
Check Names
Advanced...
OK
Cancel
Add...
Remove
Primary group:
Domain Users
Set Primary Group
There is no need to change Primary group unless you have Macintosh clients or POSIX-compliant applications.
OK
Cancel
Apply
Help
Performance
BPA results
Hide
Type here to search
6:49 PM
9/26/2025
Right Ctrl



Change DNS of the users to PCs to the IP of the Server (Virtual Active directory process)

For this particular stage I will explain how I will used one system to explain how I joined all the system in different organisation to join domain.

Step 1: Configure VirtualBox Network

1. **Create a Single NAT Network**: **(*MAIN NETWORK*)**
    - In VirtualBox, create a NAT network named "Main Network" to allow all virtual machines (VMs) to communicate on the same network.
    - Configure all VMs (client systems and the domain controller server) to use the "Main Network" NAT network.

Step 2: Assign IP and DNS Configuration

1. **Verify Server IP**:
    - Identify the IP address of the domain controller server (e.g., 10.0.2.3 in this setup).
    - Use this IP address as the DNS server address for all client systems within the domain to ensure proper communication with the domain controller.
2. **Configure Client Systems**:
    - For each client system, manually set the DNS server to the domain controller's IP address (10.0.2.3).
    - Ensure all systems are on the same NAT network to enable smooth communication.

Step 3: Join Systems to the Domain

1. **Access System Properties**:

    - On each client system, open File Explorer, right-click on **This PC**, and select **Properties**.
    - Navigate to **System Protection** or **Advanced System Settings** (depending on the Windows version).
    - Click the **Computer Name** tab, then click **Change**.
    -
2. **Join the Domain**:
    - Change the system's name from **Workgroup** to **Domain**.
    - Enter the domain name of the domain controller (e.g., King.finance).
    - Authenticate using credentials with permission to join the domain (e.g., domain admin credentials).
    - Repeat this process for all systems in each Organizational Unit (OU), such as the Liverpool OU, Manchester OU and London OU.

Step 4: Assign Users to Organizational Units

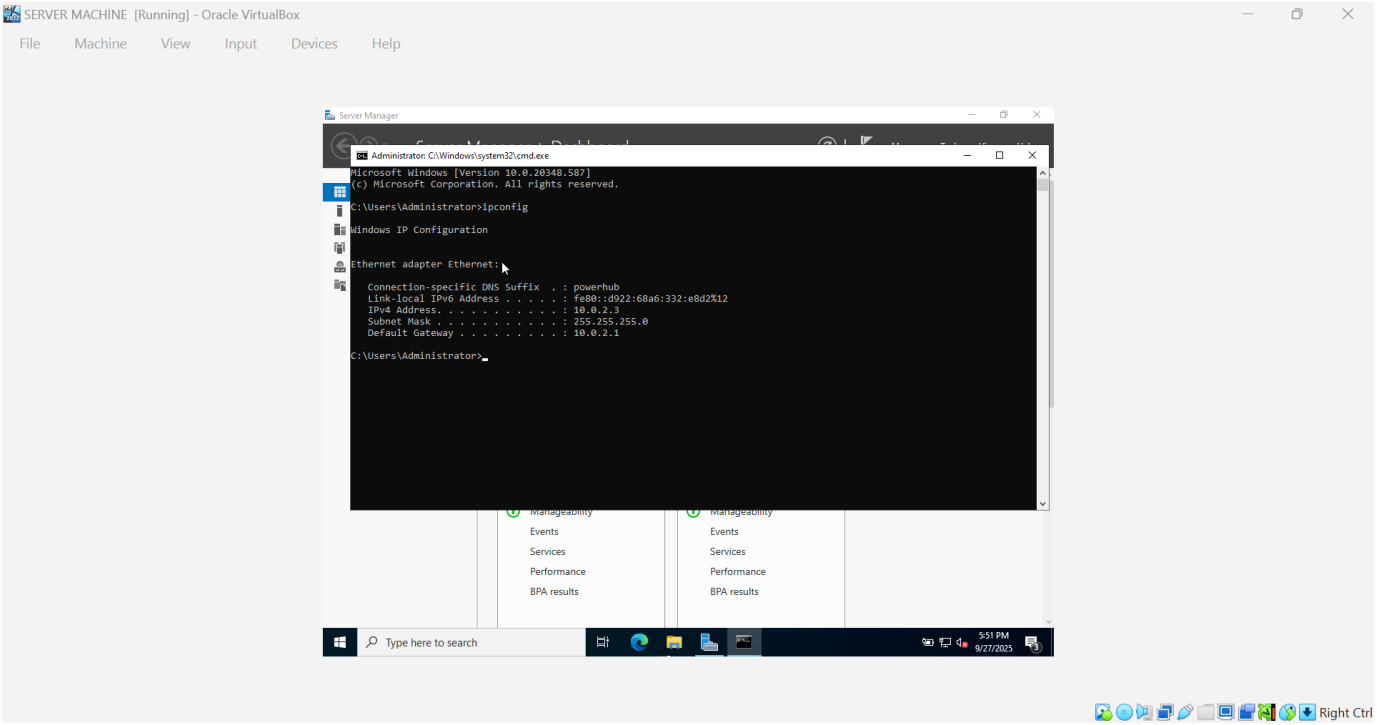
1. **User Assignment**:
    - Ensure users in each OU (e.g., Liverpool OU) are configured to log in to their respective systems using their domain credentials. (e.g.; king.finance, Isabella.sales)
    - Verify that users are correctly assigned to their OUs in Active Directory Users and Computers (ADUC).

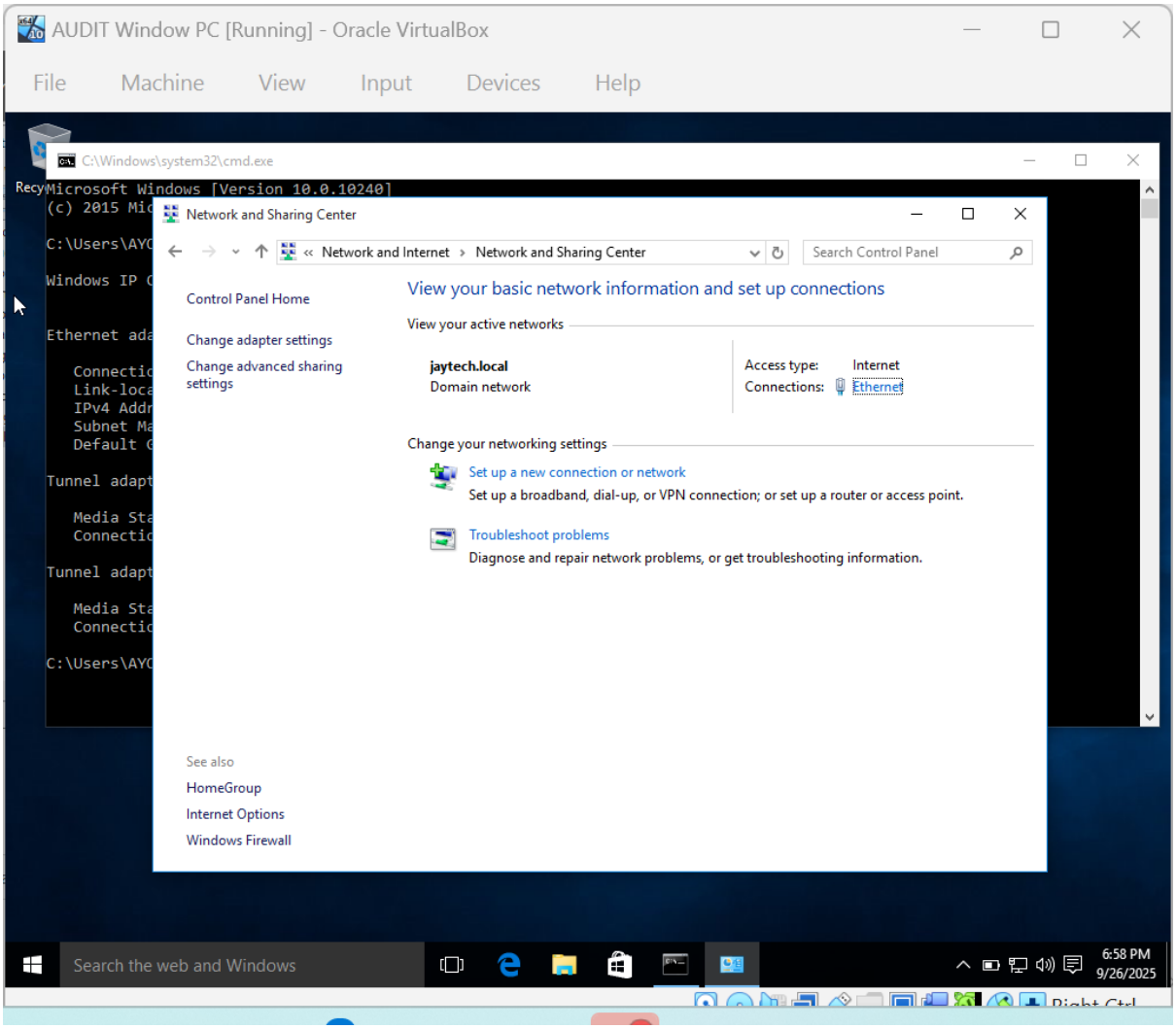
Step 5: Validation

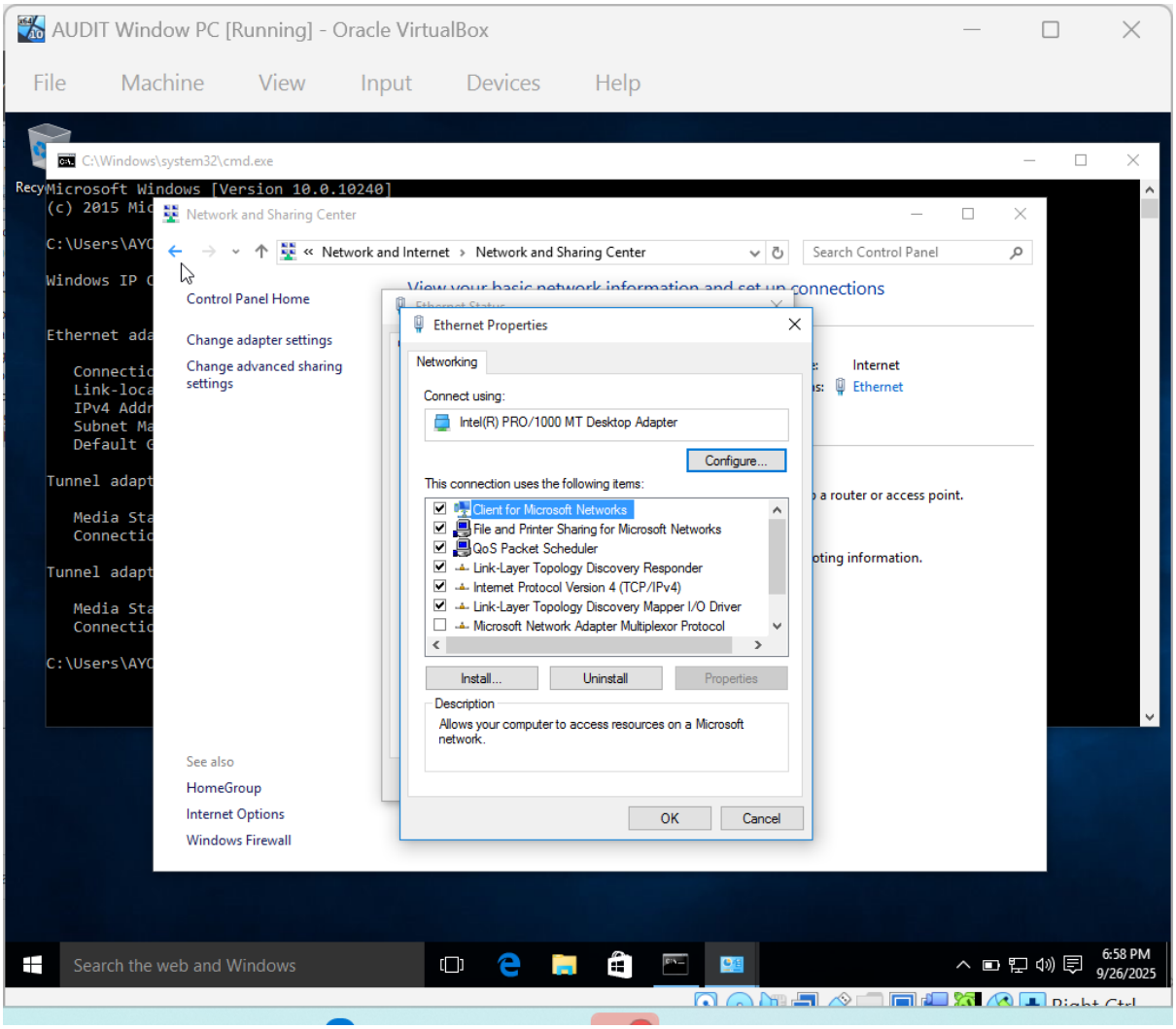
1. **Test Connectivity**:
    - Confirm that all systems can communicate with the domain controller using the assigned DNS IP (10.0.2.3). Which IP Address of my server.
    - Test domain login by logging into each system with the respective user credentials.
2. **Troubleshooting**:
    - If a system fails to join the domain, verify the DNS settings, network connectivity, and domain controller availability.
    - Ensure the domain controller is running and reachable on the NAT network.

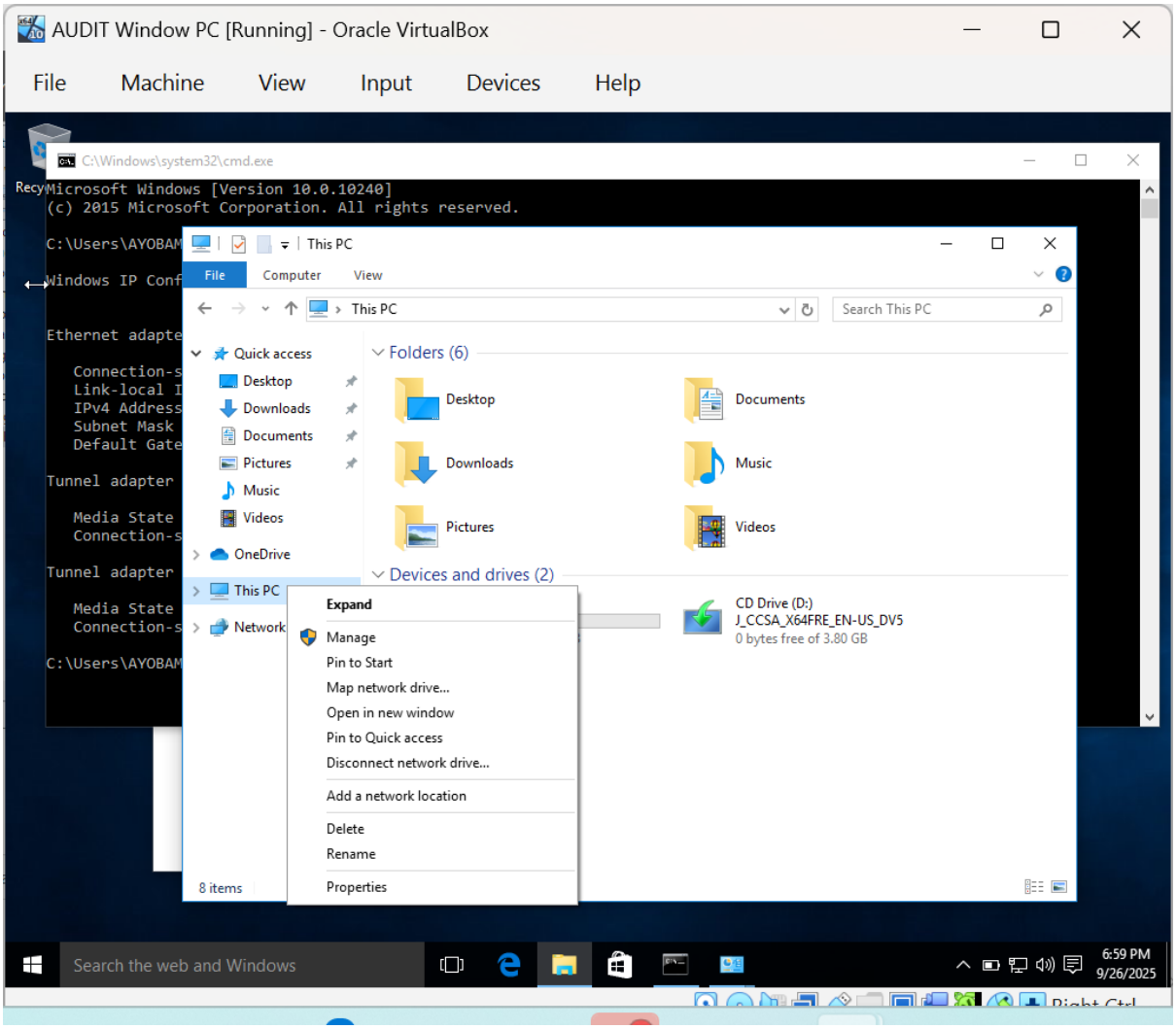
Attention!!!!

- This process assumes a single domain controller and multiple client systems within the same NAT network which is (***MAIN NETWORK***)
- The same **steps** were applied to all systems across different OUs in the organization.
- Screenshots of the configuration (e.g., system properties showing domain membership) can be used for documentation but are not included here.


SERVER MACHINE [Running] - Oracle VirtualBox
File
Machine
View
Input
Devices
Help
Server Manager
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.20348.587]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Administrator>ipconfig
Windows IP Configuration
Ethernet adapter Ethernet:
Connection-specific DNS Suffix . : powerhub
Link-local IPv6 Address . . . . . : fe80::d922:68a6:332:e8d2%12
IPv4 Address. . . . . : 10.0.2.3
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 10.0.2.1
C:\Users\Administrator>
Manageability
Events
Services
Performance
BPA results
Manageability
Events
Services
Performance
BPA results
Type here to search
5:51 PM
9/27/2025
Right Ctrl

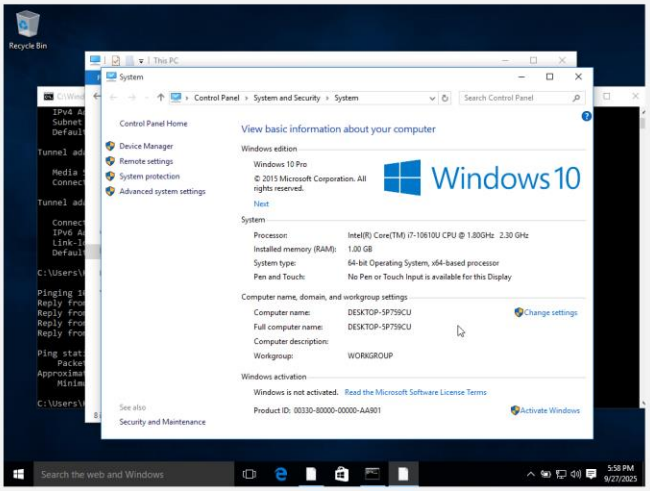

AUDIT Window PC [Running] - Oracle VirtualBox
File
Machine
View
Input
Devices
Help
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.10240]
(c) 2015 Mic
C:\Users\AYC
Windows IP C
Ethernet ada
Connectic
Link-loca
IPv4 Addr
Subnet Ma
Default G
Tunnel adapt
Media Sta
Connectic
Tunnel adapt
Media Sta
Connectic
C:\Users\AYC
Network and Sharing Center
Network and Internet
Network and Sharing Center
Search Control Panel
Control Panel Home
Change adapter settings
Change advanced sharing settings
View your basic network information and set up connections
View your active networks
jaytech.local
Domain network
Access type: Internet
Connections: Ethernet
Change your networking settings
Set up a new connection or network
Set up a broadband, dial-up, or VPN connection; or set up a router or access point.
Troubleshoot problems
Diagnose and repair network problems, or get troubleshooting information.
See also
HomeGroup
Internet Options
Windows Firewall
Search the web and Windows
6:58 PM
9/26/2025


AUDIT Window PC [Running] - Oracle VirtualBox
File
Machine
View
Input
Devices
Help
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.10240]
Network and Sharing Center
Network and Internet › Network and Sharing Center
Search Control Panel
Control Panel Home
Change adapter settings
Change advanced sharing settings
Internet
Ethernet
Ethernet Properties
Networking
Connect using:
Intel(R) PRO/1000 MT Desktop Adapter
Configure...
This connection uses the following items:
Client for Microsoft Networks
File and Printer Sharing for Microsoft Networks
QoS Packet Scheduler
Link-Layer Topology Discovery Responder
Internet Protocol Version 4 (TCP/IPv4)
Link-Layer Topology Discovery Mapper I/O Driver
Microsoft Network Adapter Multiplexor Protocol
Install...
Uninstall
Properties
Description
Allows your computer to access resources on a Microsoft network.
OK
Cancel
See also
HomeGroup
Internet Options
Windows Firewall
Search the web and Windows
6:58 PM
9/26/2025


AUDIT Window PC [Running] - Oracle VirtualBox
File
Machine
View
Input
Devices
Help
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.10240]
(c) 2015 Microsoft Corporation. All rights reserved.
This PC
File
Computer
View
Search This PC
Quick access
Desktop
Downloads
Documents
Pictures
Music
Videos
OneDrive
This PC
Network
Folders (6)
Devices and drives (2)
CD Drive (D:)
J_CCSA_X64FRE_EN-US_DV5
0 bytes free of 3.80 GB
Expand
Manage
Pin to Start
Map network drive...
Open in new window
Pin to Quick access
Disconnect network drive...
Add a network location
Delete
Rename
Properties
8 items
Search the web and Windows
6:59 PM
9/26/2025

Finance Machine [Running] - Oracle VirtualBox

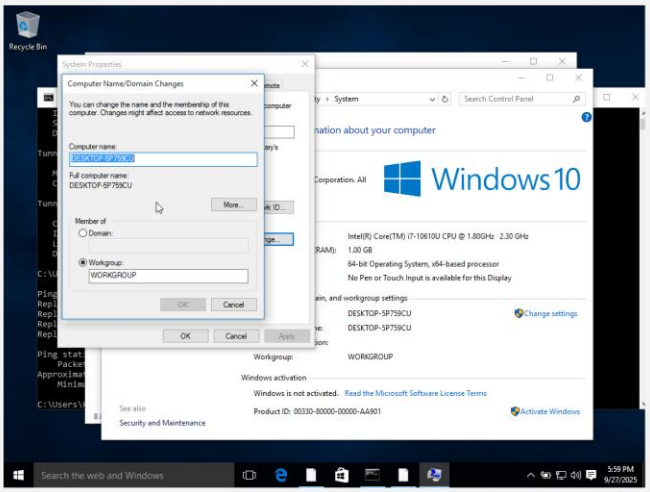
File Machine View Input Devices Help



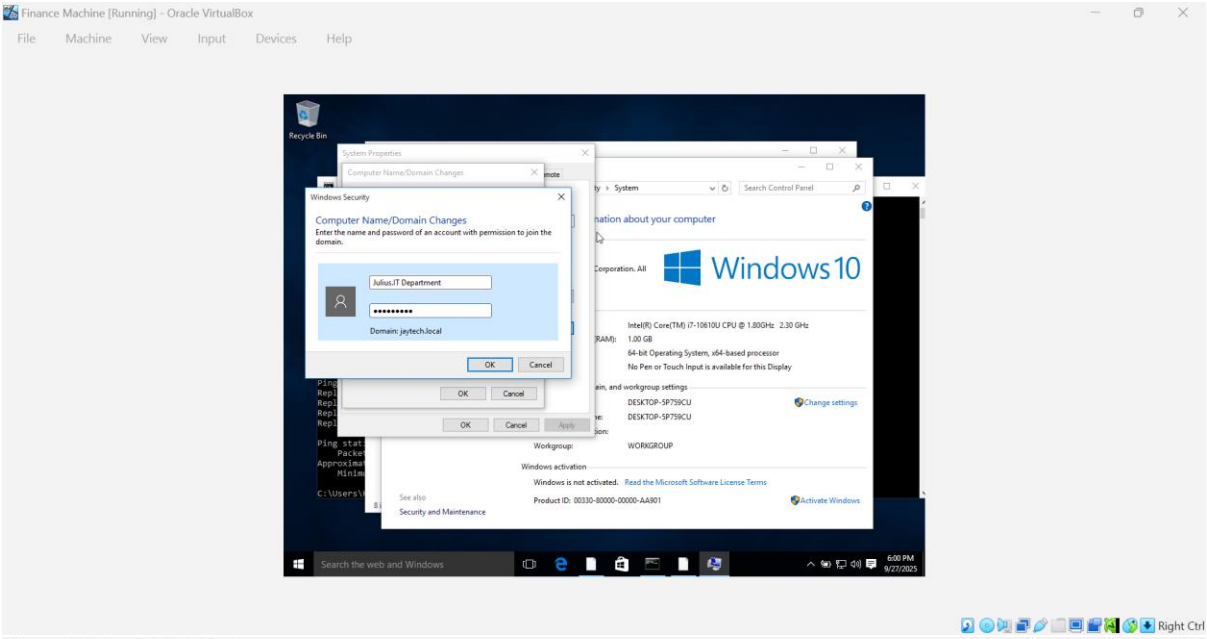
Right Ctrl

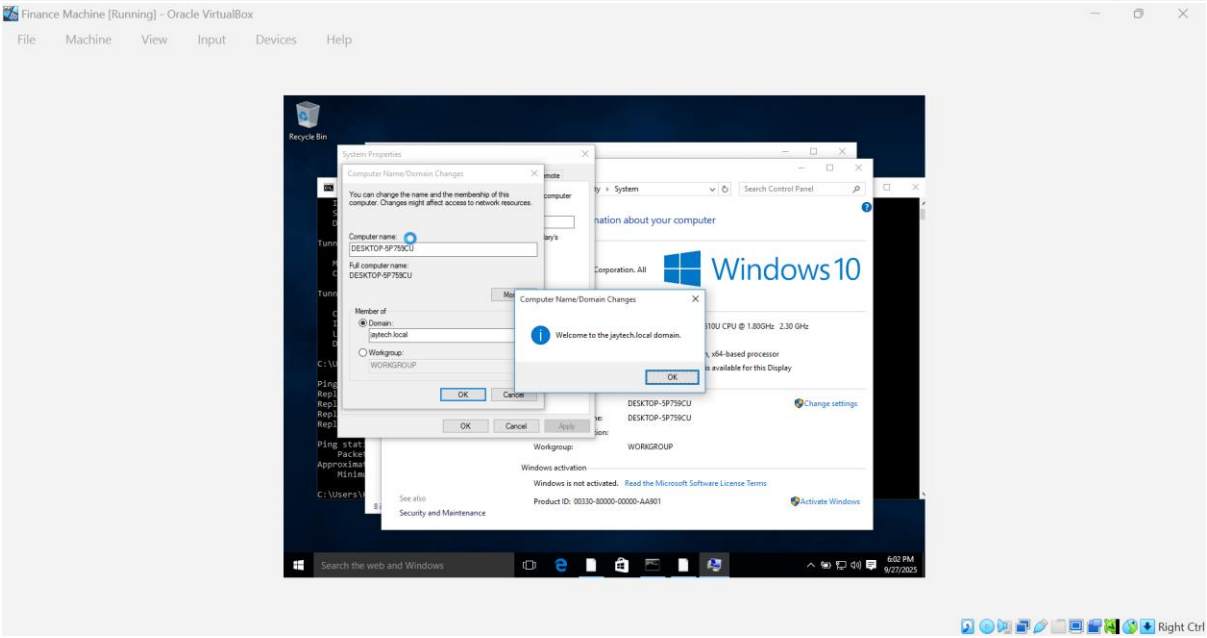
Finance Machine [Running] - Oracle VirtualBox

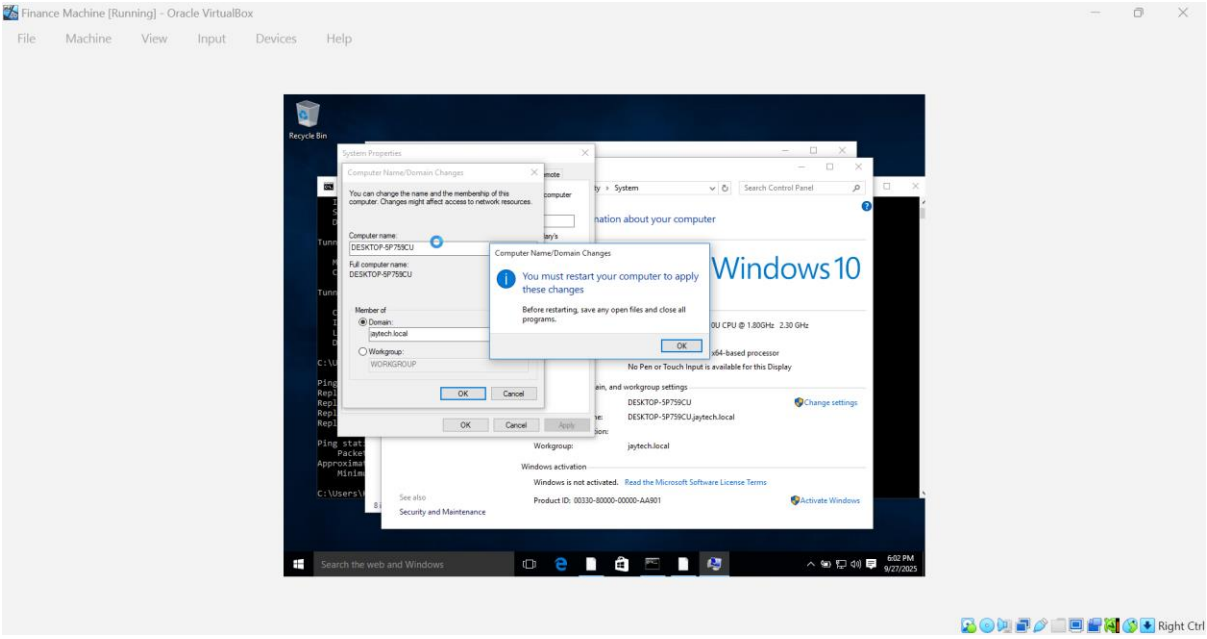
File Machine View Input Devices Help



Right Ctrl


Finance Machine [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Recycle Bin
Windows Security
Computer Name/Domain Changes
Enter the name and password of an account with permission to join the domain.
Julius.IT Department
Domain: jaytech.local
OK
Cancel
Windows 10
Search the web and Windows
Right Ctrl


Finance Machine [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Recycle Bin
Computer Name/Domain Changes
You can change the name and the membership of this computer. Changes might affect access to network resources.
Computer name:
DESKTOP-5P759CU
Full computer name:
DESKTOP-5P759CU
Member of
Domain:
jaytech.local
Workgroup:
WORKGROUP
Welcome to the jaytech.local domain.
OK
Cancel
Windows 10
Search the web and Windows
Right Ctrl



The last stage of this project is creating of New GPo (Group Policy) and Assign policy.

This process was taken for all the OUs (Liverpool, Manchester and London)

This document outlines the process of creating and applying a Group Policy to disable USB storage devices on client systems in the Jaytech.local domain as a security measure to protect the organization. The policy is applied to the Liverpool, Manchester, and London Organizational Units (OUs).

Step one: Decide on the Policy

- **Objective**: Implement a security policy to disable USB storage devices on all client systems to prevent unauthorized data transfer and also to prevent users not to be charging their device on the systems
- **Policy Chosen**: Disable USB storage access for enhanced organizational security.

Step two: Access Group Policy Management

1. **Open Server Manager**:
    - On the domain controller, launch **Server Manager**.
    - Navigate to **Tools** in the top-right corner of the Server Manager window.
    - Select **Group Policy Management** from the dropdown menu.
2. **Locate the Domain**:
    - In the Group Policy Management console, expand the forest and locate the domain Jaytech.local.

Step three: Create a New Group Policy Object (GPO)

1. **Create the GPO**:

    - In the Group Policy Management console, expand Jaytech.local and right-click on **Group Policy Objects**.
    - Select **New** to create a new Group Policy Object.
    - Name the new GPO (e.g., Disable USB Policy).
2. **Edit the GPO**:
    - Right-click the newly created Disable USB Policy GPO and select **Edit**.
    - In the Group Policy Management Editor, navigate to:
        - **Computer Configuration → Policies → Administrative Templates → System → Removable Storage Access**.
    - Double-click **All Removable Storage classes: Deny all access** in the right pane.
    - Set the policy to **Enabled** to deny access to all USB storage devices.
    - Click **Apply** and **OK** to save the changes.

Step four: Link the GPO to Organizational Units

1. **Link the GPO**:
    - In the Group Policy Management console, navigate to each OU (Liverpool, Manchester, and London).
    - Right-click each OU and select **Link an Existing GPO**.
    - Choose the Disable USB Policy GPO from the list and click **OK** to link it to the OU.
    - Repeat this process for all three OUs (Liverpool, Manchester, and London).

Step five: Apply the Group Policy

1. **Force Policy Update**:
    - Open a **Command Prompt** on the domain controller and client systems.
    - Run the following command to apply the Group Policy immediately:

      ```
      gpupdate /force
      ```

    - This ensures the Disable USB Policy is applied to all systems in the linked OUs.

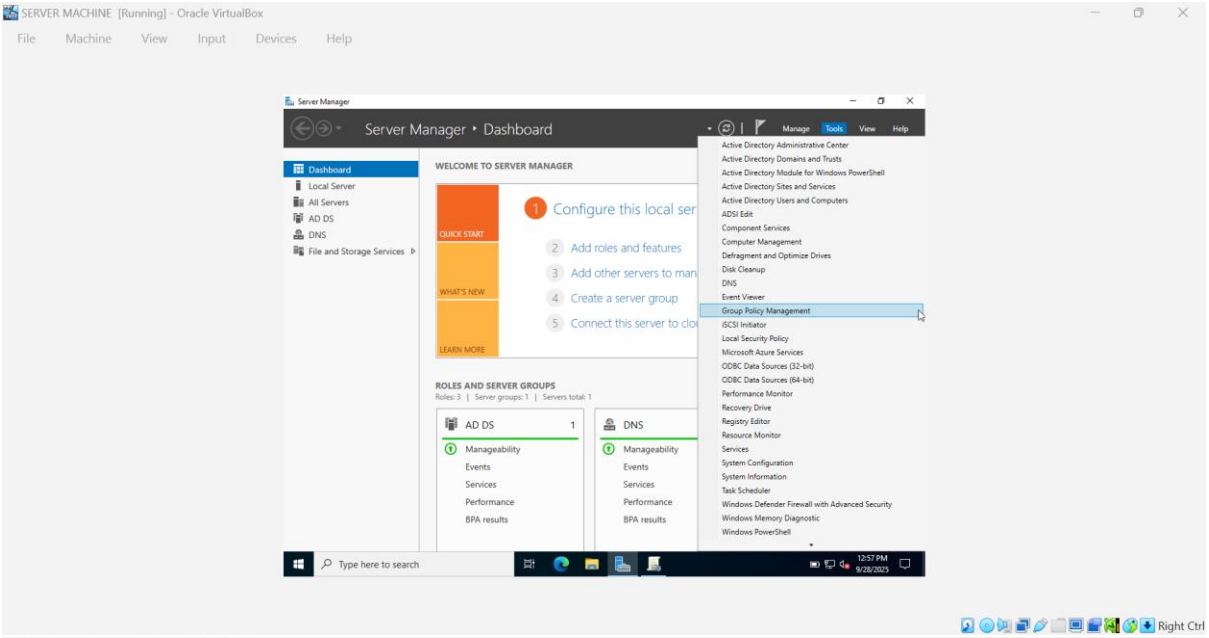
Step six: Validation

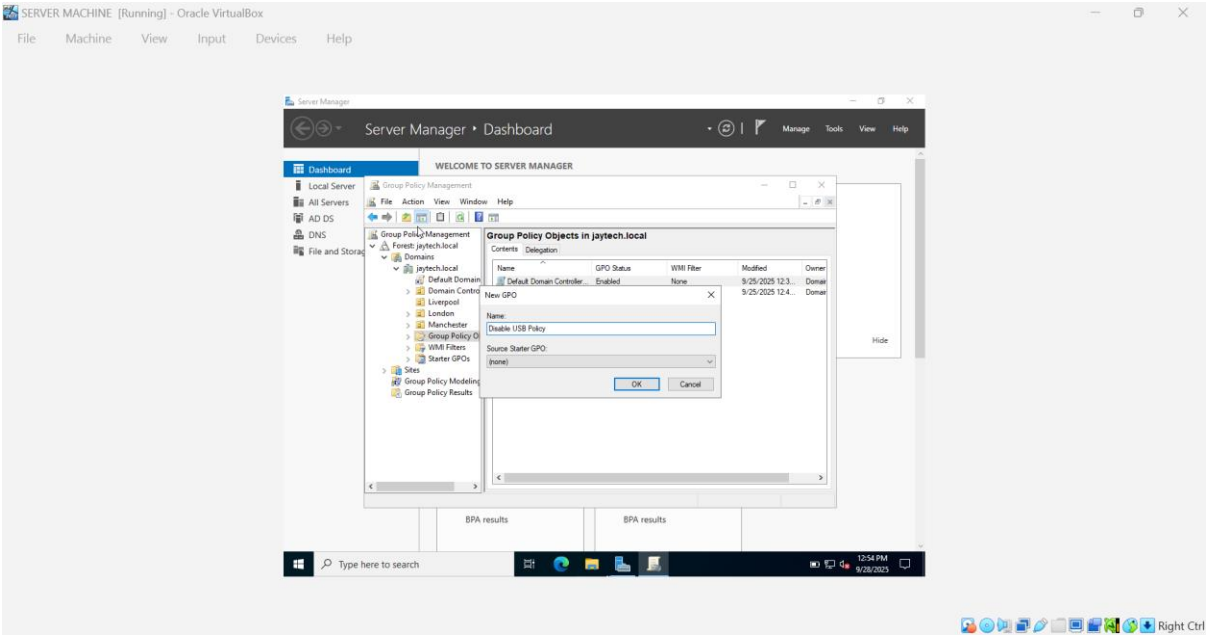
- **Verify Policy Application**:
    - On a client system in one of the OUs (e.g., Liverpool), attempt to access a USB storage device to confirm it is blocked.
    - Use the command gpresult /r on a client system to verify that the Disable USB Policy GPO is applied.

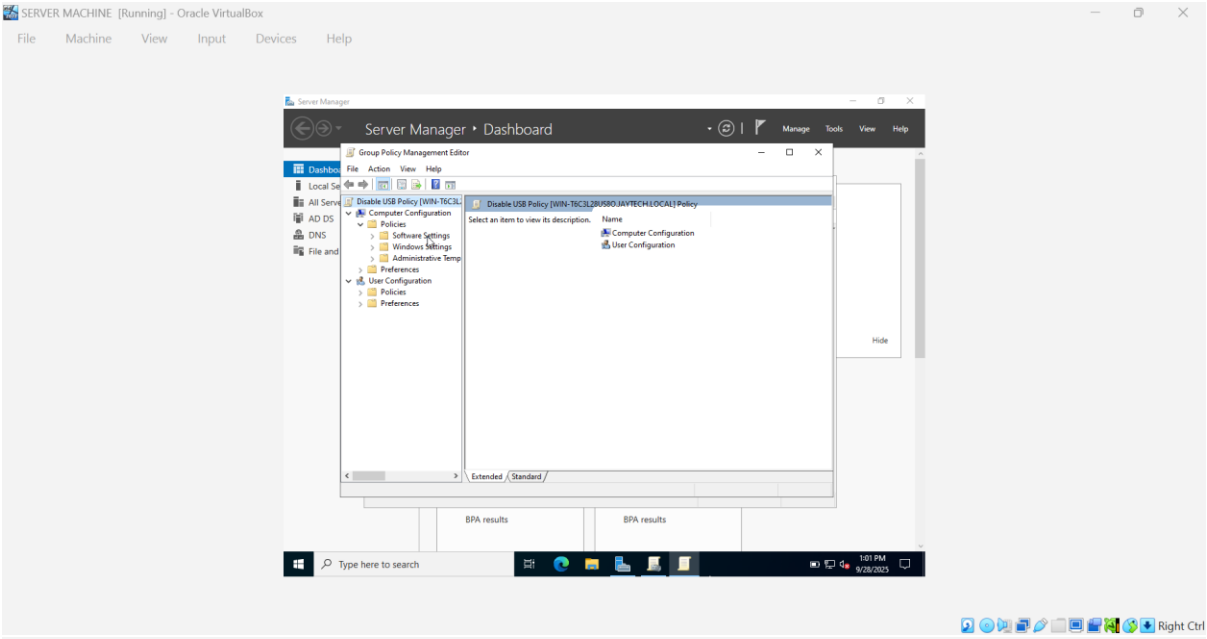
Attention!!!

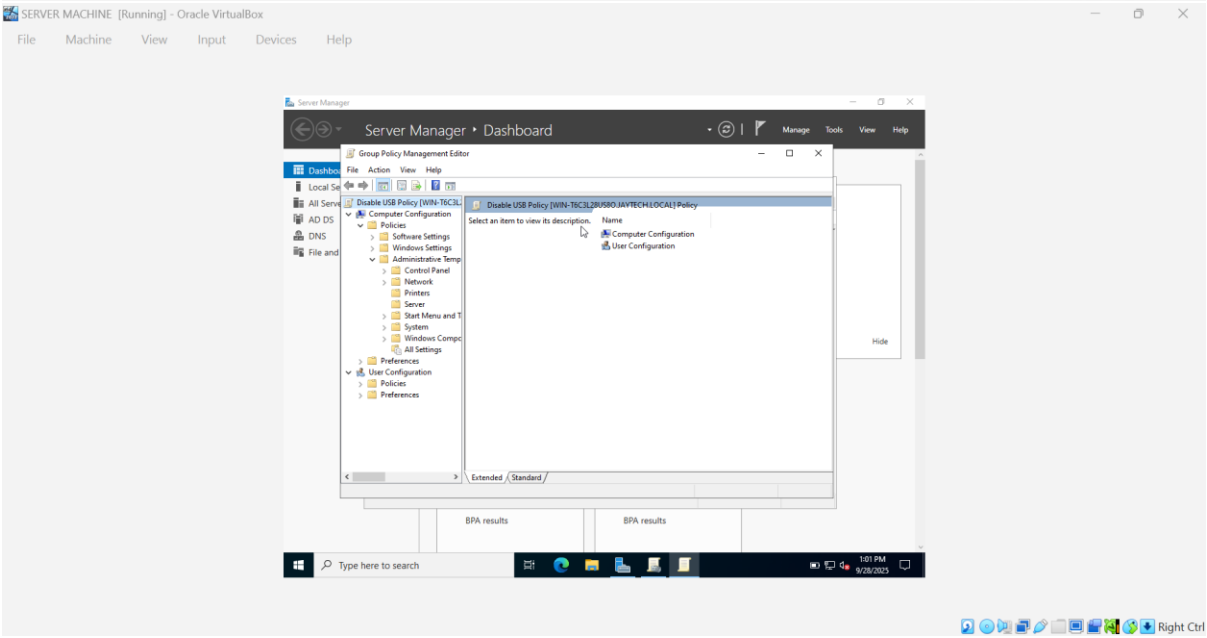
- This policy disables access to all removable storage devices, including USB drives, to enhance security.

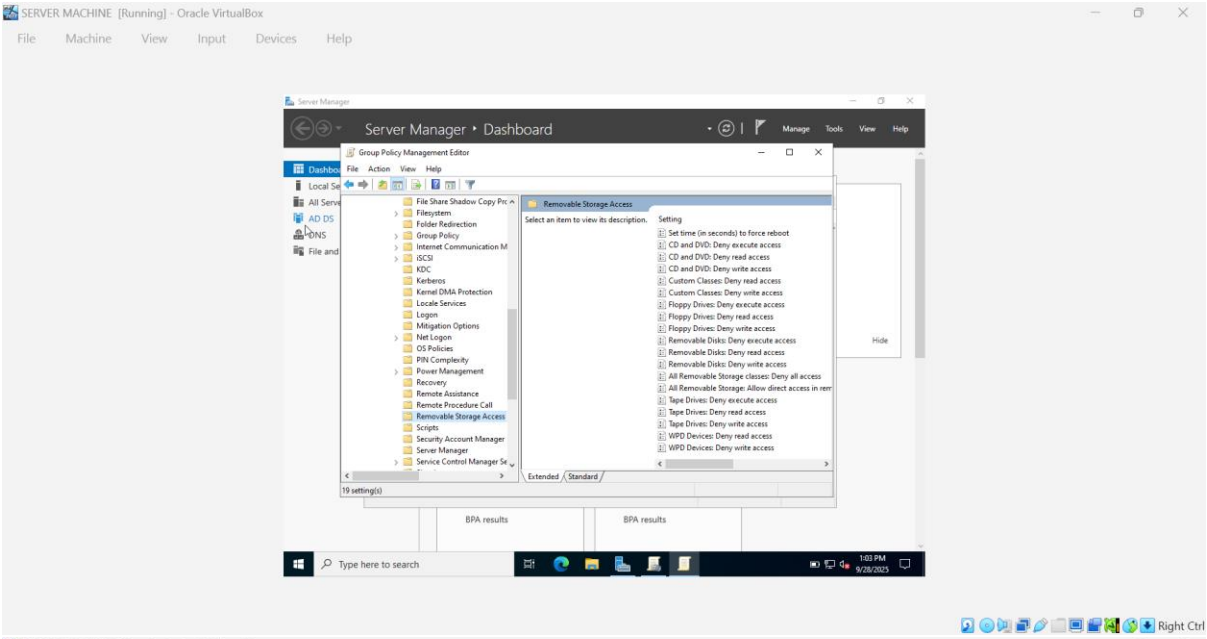
- Ensure that the GPO is correctly linked to the intended OUs and that no conflicting policies override it.
- If the policy does not apply, check for errors using gpresult /r or ensure the client systems are properly joined to the Jaytech.local domain and have updated their Group Policy settings.

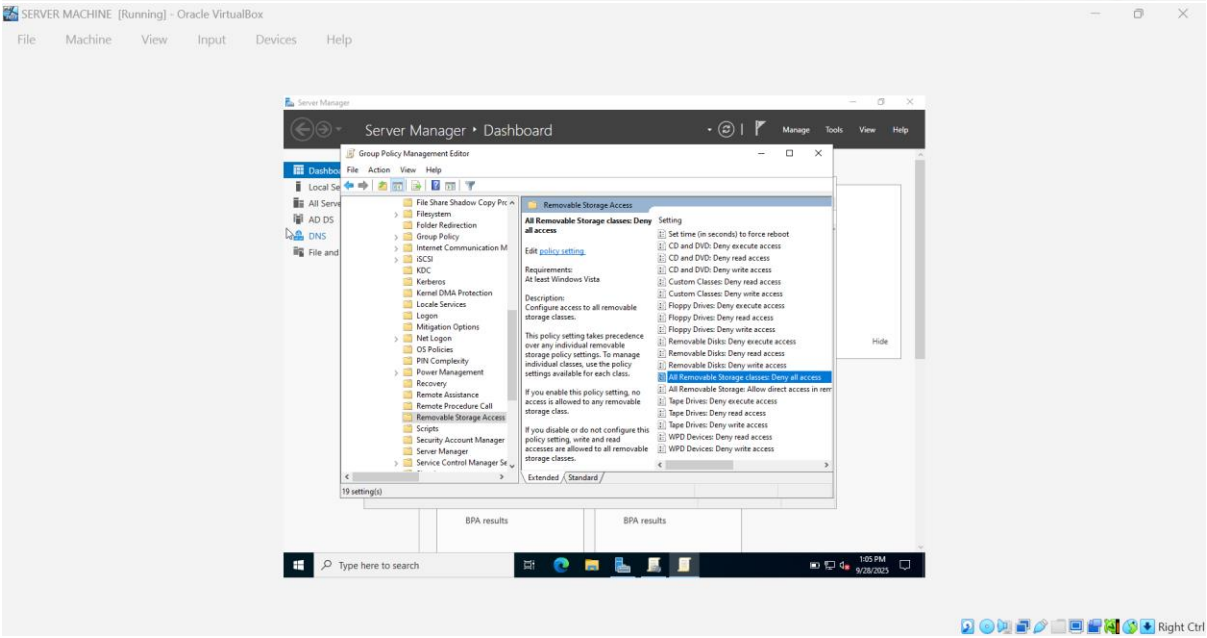


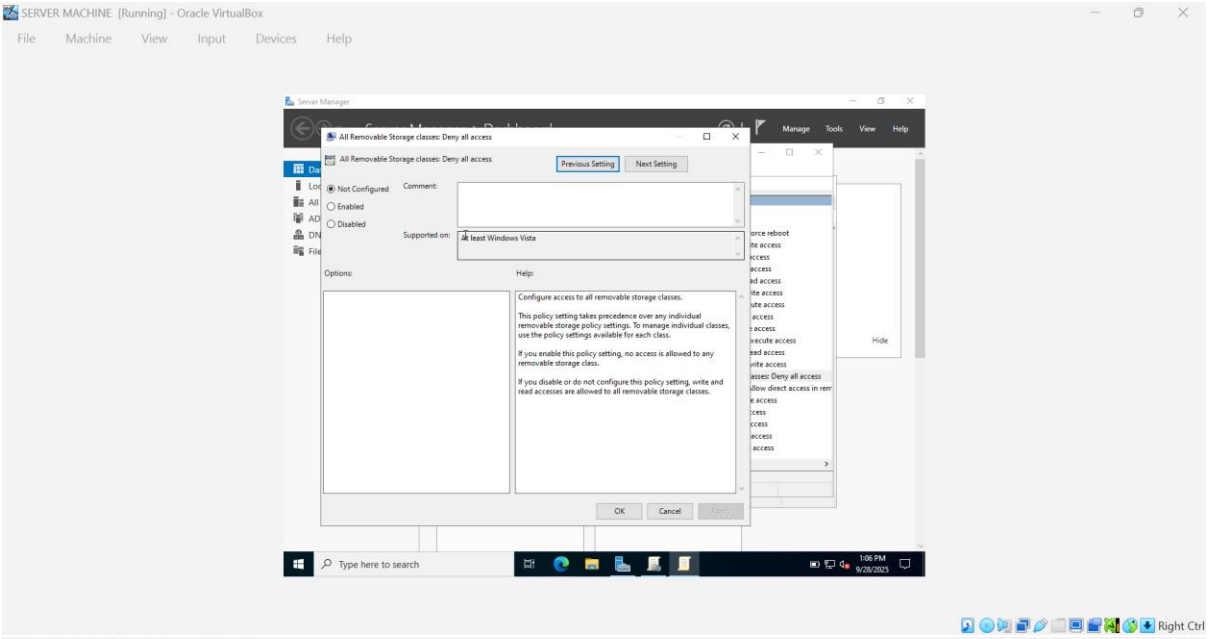


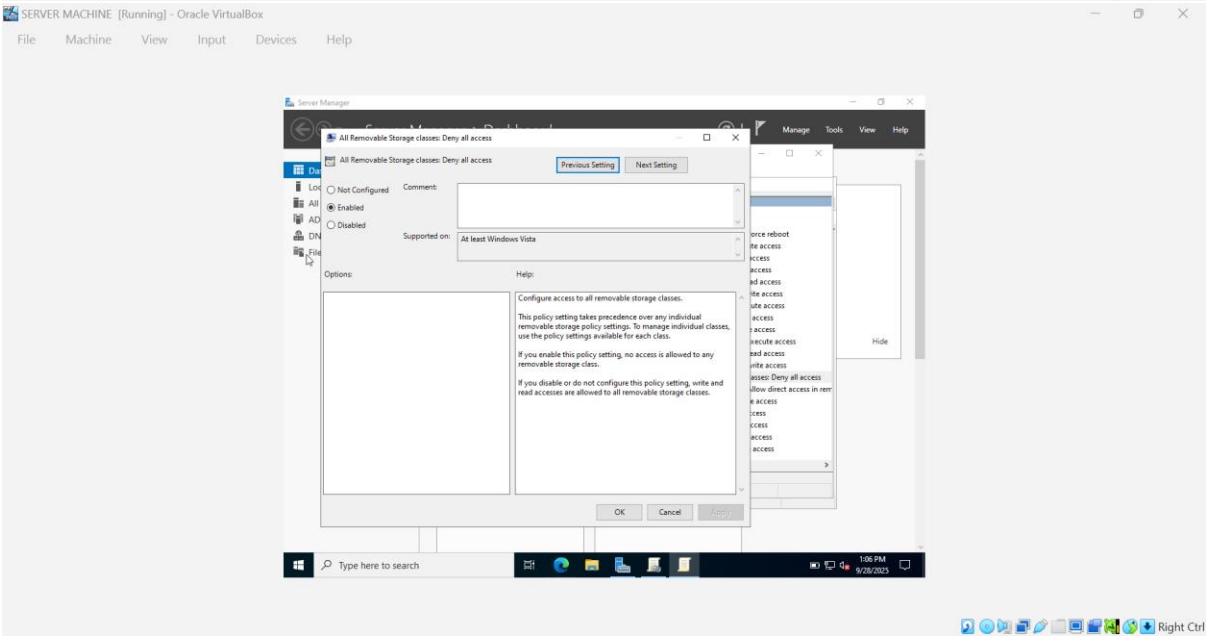

SERVER MACHINE [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager • Dashboard
Manage Tools View Help
Group Policy Management Editor
File Action View Help
Disable USB Policy [WIN-T6C3L2BUSBO.JAYTECH.LOCAL] Policy
Select an item to view its description.
Name
Computer Configuration
User Configuration
Computer Configuration
Policies
Software Settings
Windows Settings
Administrative Templates
Preferences
User Configuration
Policies
Preferences
Extended Standard
BPA results
BPA results
Hide
Type here to search
1:01 PM
9/28/2025
Right Ctrl


SERVER MACHINE [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager • Dashboard
Manage Tools View Help
Group Policy Management Editor
File Action View Help
Disable USB Policy [WIN-T6C3L2BUSBO.JAYTECH.LOCAL] Policy
Select an item to view its description.
Name
Computer Configuration
User Configuration
Computer Configuration
Policies
Software Settings
Windows Settings
Administrative Templates
Control Panel
Network
Printers
Server
Start Menu and Taskbar
System
Windows Components
All Settings
Preferences
User Configuration
Policies
Preferences
Extended Standard
BPA results
BPA results
Hide
Type here to search
1:01 PM
9/28/2025
Right Ctrl


SERVER MACHINE [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager
Server Manager • Dashboard
Manage Tools View Help
Group Policy Management Editor
File Action View Help
Removable Storage Access
Select an item to view its description.
Setting
Extended Standard
19 setting(s)
BPA results
BPA results
Type here to search
1:03 PM
9/28/2025
Right Ctrl


SERVER MACHINE [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager
Server Manager • Dashboard
Manage Tools View Help
Group Policy Management Editor
File Action View Help
Removable Storage Access
All Removable Storage classes: Deny all access
Edit policy setting
Requirements:
At least Windows Vista
Description:
Configure access to all removable storage classes.
This policy setting takes precedence over any individual removable storage policy settings. To manage individual classes, use the policy settings available for each class.
If you enable this policy setting, no access is allowed to any removable storage class.
If you disable or do not configure this policy setting, write and read accesses are allowed to all removable storage classes.
Setting
Extended Standard
19 setting(s)
BPA results
BPA results
Type here to search
1:05 PM
9/28/2025
Right Ctrl


SERVER MACHINE [Running] - Oracle VirtualBox
File Machine View Input Devices Help
All Removable Storage classes: Deny all access
Previous Setting
Next Setting
Not Configured
Enabled
Disabled
Comment:
Supported on:
At least Windows Vista
Options:
Help:
Configure access to all removable storage classes.
This policy setting takes precedence over any individual removable storage policy settings. To manage individual classes, use the policy settings available for each class.
If you enable this policy setting, no access is allowed to any removable storage class.
If you disable or do not configure this policy setting, write and read accesses are allowed to all removable storage classes.
OK
Cancel
Apply
Type here to search
Right Ctrl


SERVER MACHINE [Running] - Oracle VirtualBox
File Machine View Input Devices Help
All Removable Storage classes: Deny all access
Previous Setting
Next Setting
Not Configured
Enabled
Disabled
Comment:
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At least Windows Vista
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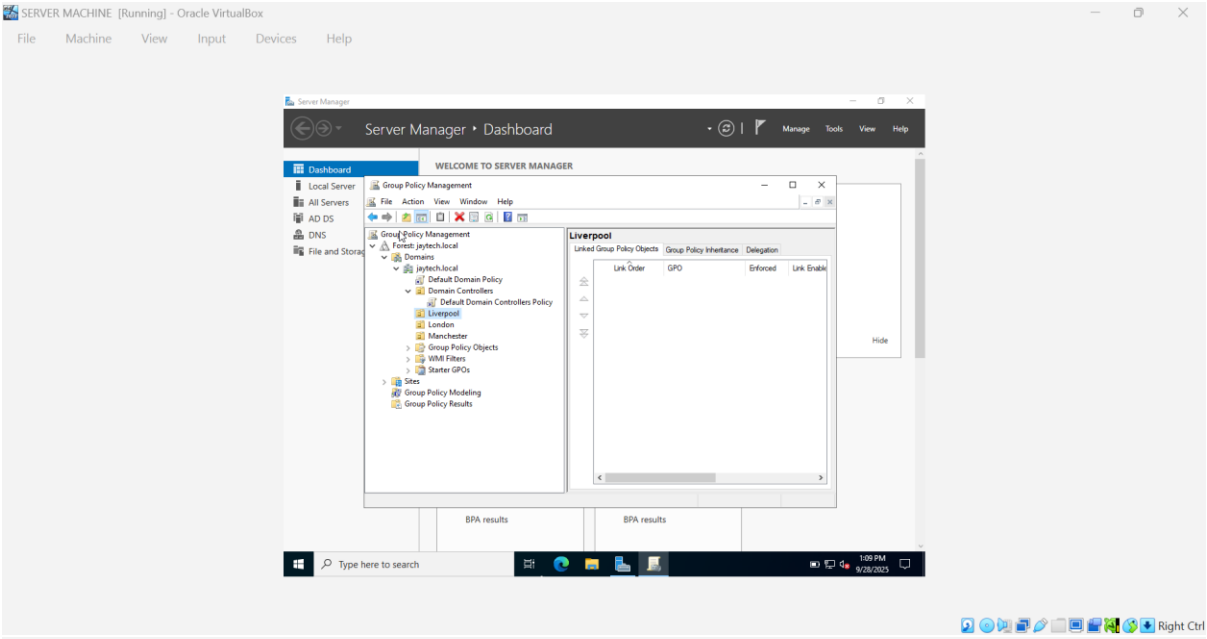
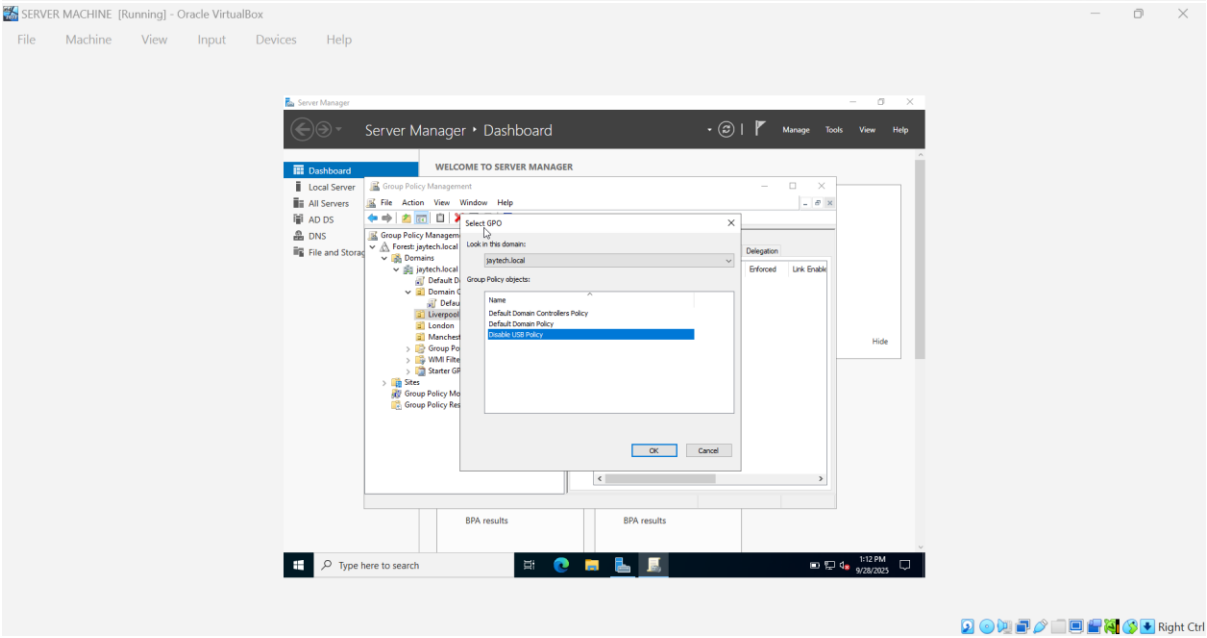
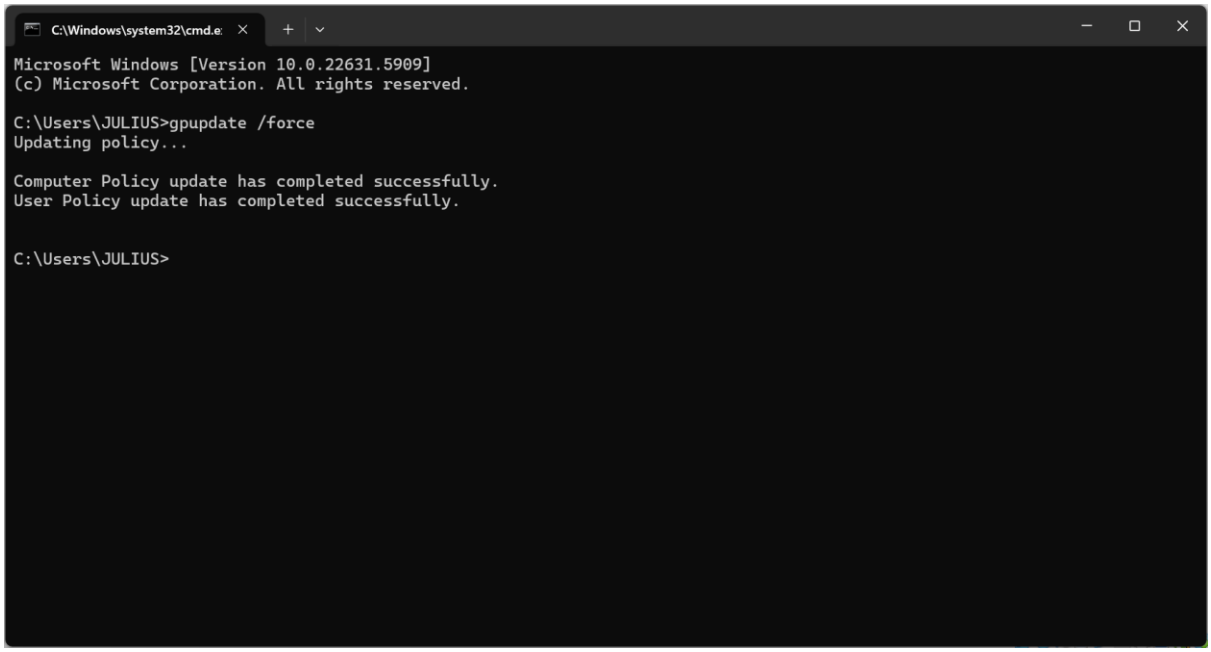
If you disable or do not configure this policy setting, write and read accesses are allowed to all removable storage classes.
OK
Cancel
Apply
Type here to search
Right Ctrl


SERVER MACHINE [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager
Server Manager • Dashboard
Manage Tools View Help
Dashboard
Local Server
All Servers
AD DS
DNS
File and Storage
WELCOME TO SERVER MANAGER
Group Policy Management
File Action View Window Help
Forest: jaytech.local
Domains
jaytech.local
Default Domain Policy
Domain Controllers
Default Domain Controllers Policy
Liverpool
London
Manchester
Group Policy Objects
WMI Filters
Starter GPOs
Sites
Group Policy Modeling
Group Policy Results
Liverpool
Linked Group Policy Objects
Group Policy Inheritance
Delegation
Link Order
GPO
Enforced
Link Enabled
Hide
BPA results
BPA results
Type here to search
1:09 PM
9/28/2025
Right Ctrl


SERVER MACHINE [Running] - Oracle VirtualBox
File Machine View Input Devices Help
Server Manager
Server Manager • Dashboard
Manage Tools View Help
Dashboard
Local Server
All Servers
AD DS
DNS
File and Storage
WELCOME TO SERVER MANAGER
Group Policy Management
File Action View Window Help
Select GPO
Look in this domain:
jaytech.local
Group Policy objects:
Name
Default Domain Controllers Policy
Default Domain Policy
Disable USB Policy
OK
Cancel
Delegation
Enforced
Link Enabled
Hide
BPA results
BPA results
Type here to search
1:12 PM
9/28/2025
Right Ctrl


C:\Windows\system32\cmd.e:
Microsoft Windows [Version 10.0.22631.5909]
(c) Microsoft Corporation. All rights reserved.
C:\Users\JULIUS>gpupdate /force
Updating policy...
Computer Policy update has completed successfully.
User Policy update has completed successfully.
C:\Users\JULIUS>