



## Provision & Setup Windows 11 Enterprise

>pr0jectsecurity\_

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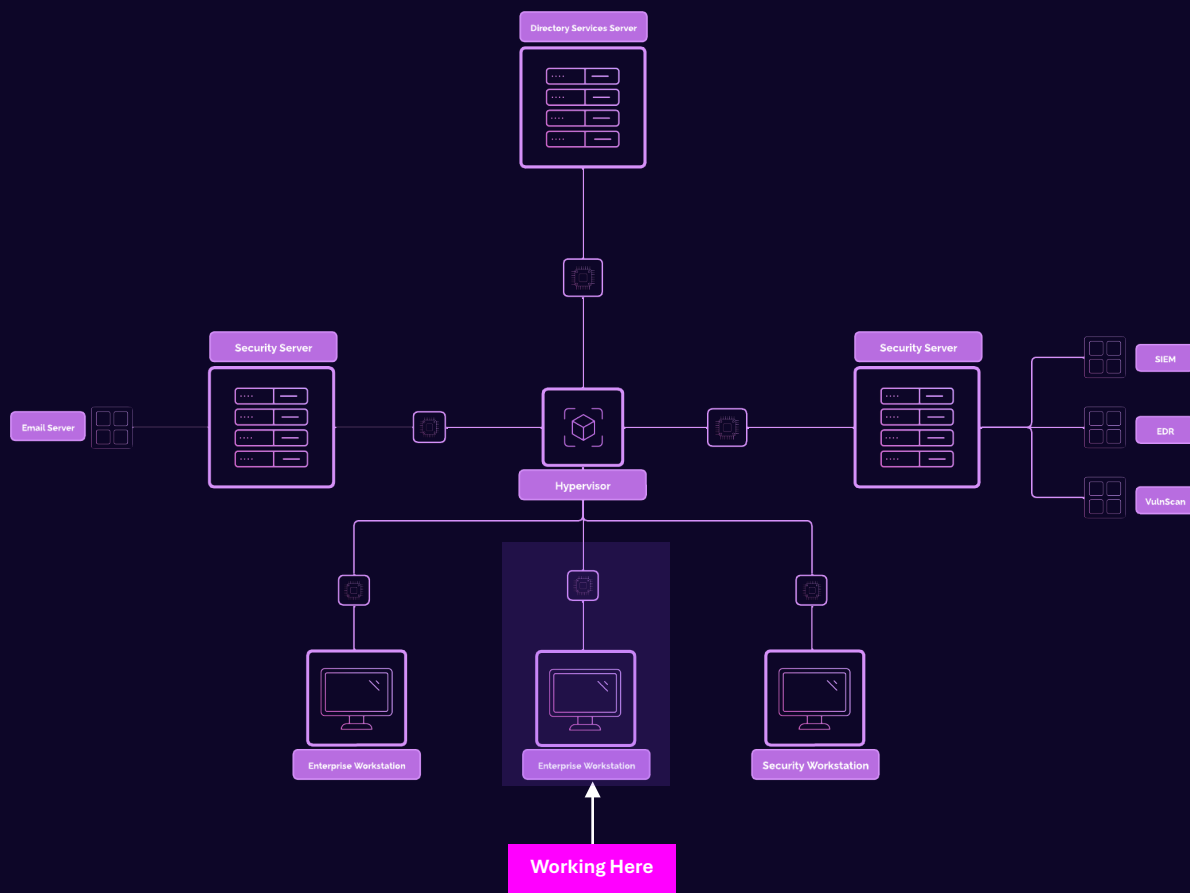
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## Prerequisites

1. Virtualbox installed.
2. Virtual Machine with Windows 11 Enterprise ISO has been configured and provisioned (the ISO should be attached to the new VM).
3. Windows Server 2025 with AD Directory Services (ADDS) configured.

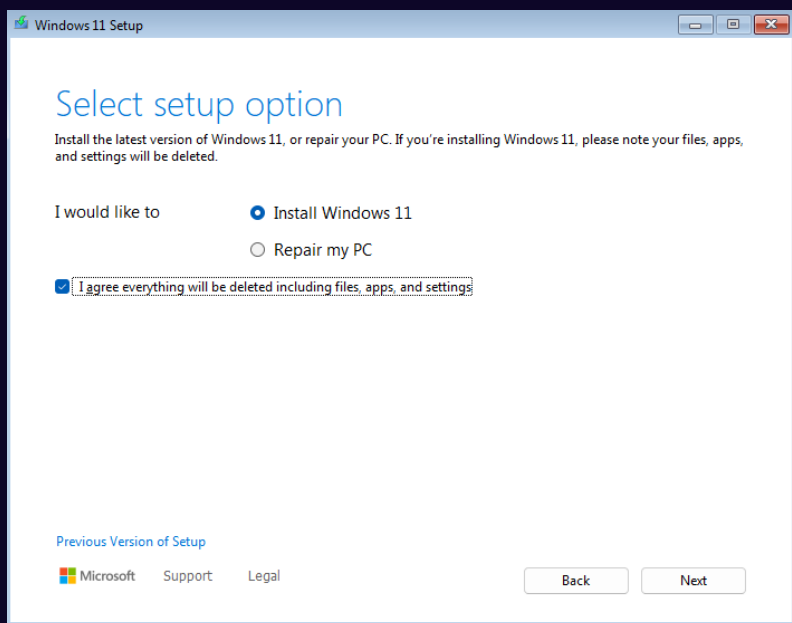
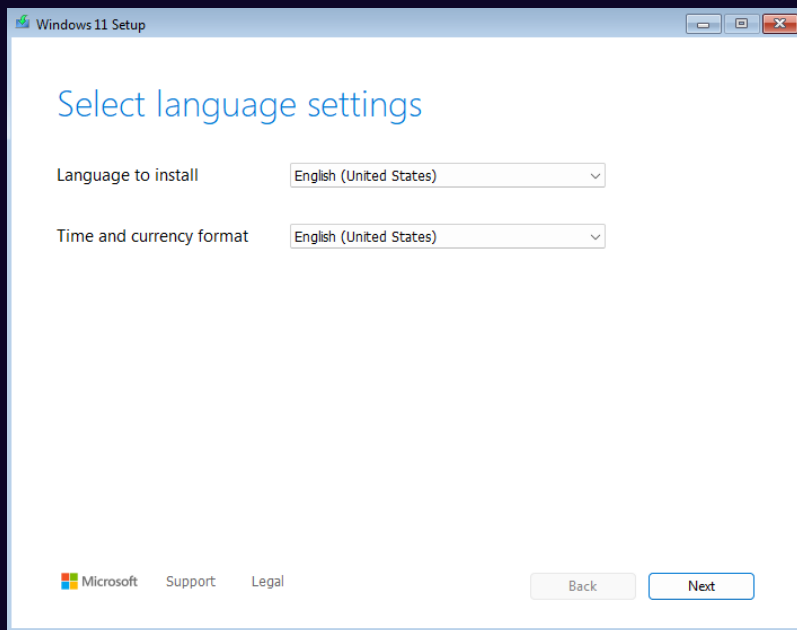
## Network Topology



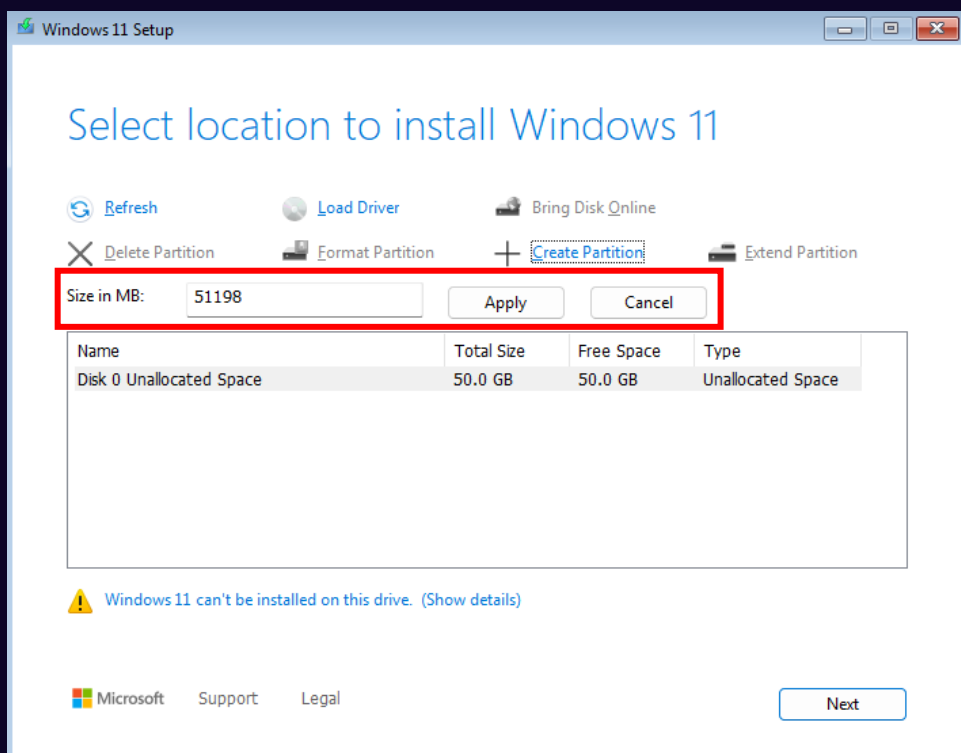
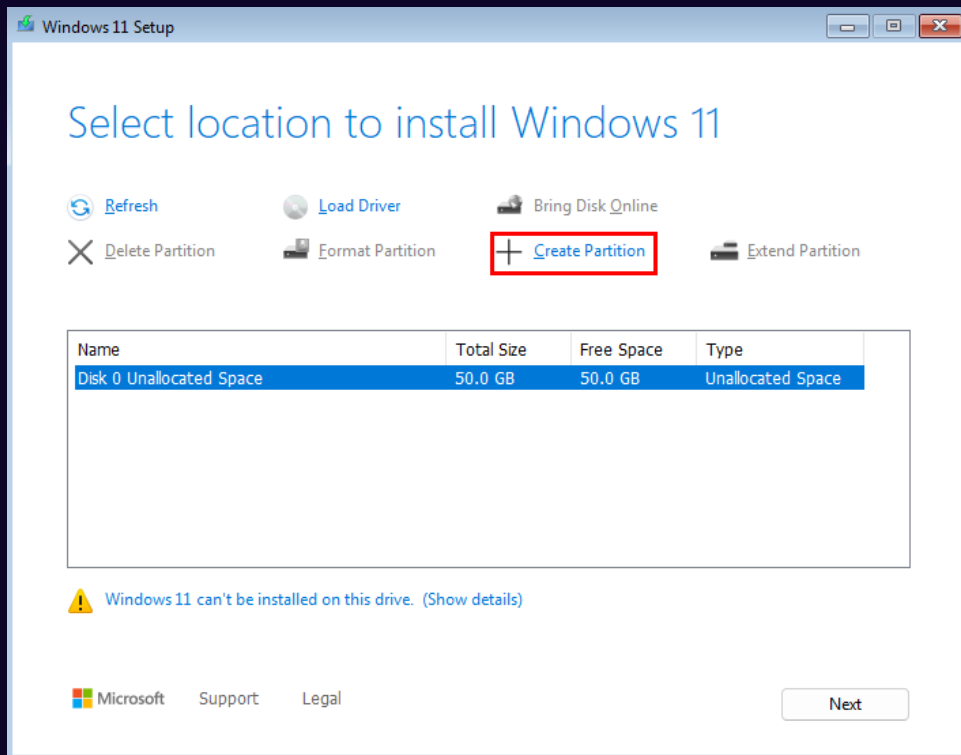
## Setup Windows 11 Enterprise

### Step 1

Select “Next” → “Install Windows 11” → Check the box → “Next”.



Select “Disk 0 Unallocated Space” → “Create Partition”. Use the default “Size in MB” setting → “Apply. Wait for three partitions to show up.



Select Disk 0 Partition 3 (with the largest free space). Select "Install". Wait for Windows 11 to fully install. The VM should restart.

# Installing Windows 11

Your PC will restart several times. This might take a while.


11% complete

Cancel

## Step 2

Run through the keyboard layout, adjust if needed. Wait for Windows to update.

Is this the right country or region?



United States

Afghanistan

Åland Islands

Albania

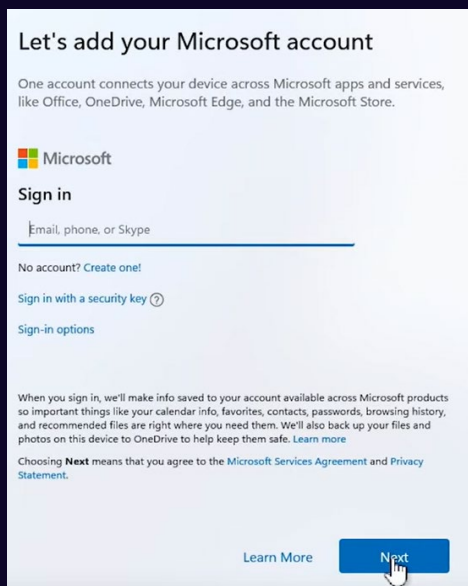
Algeria

American Samoa

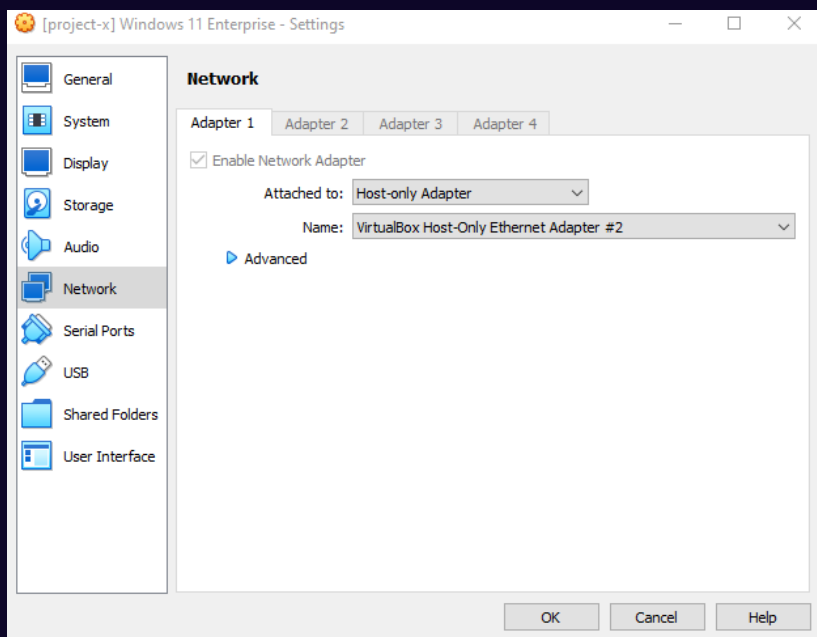
Andorra

Yes

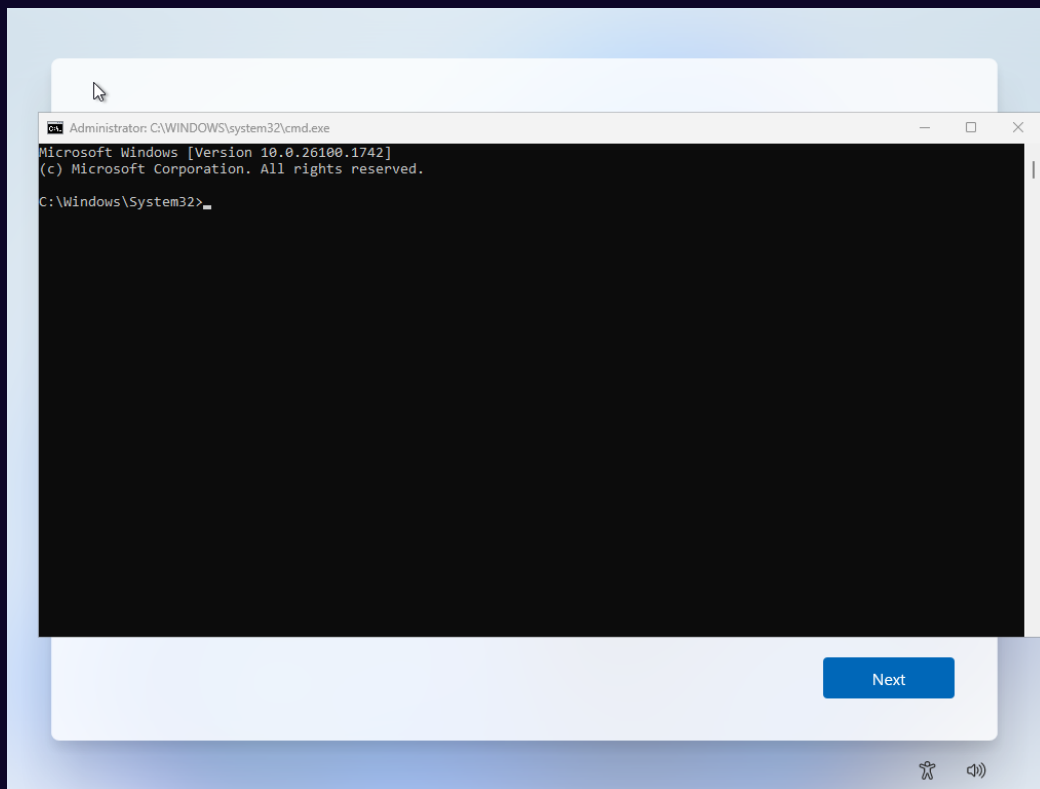
When getting to the Microsoft Account Sign-up, do the following to bypass account creation.



Change the “Network” setting from NAT Network to “Host-only Adapter”. This will cut Internet access off the VM and create an isolated network.



Go back to the Windows Installation Wizard. Select “Shift” + F10 Key to open Command Line.



Type in `oobe\bypassnro`. The VM will restart.

```
Microsoft Windows [Version 10.0.22621.1702]
(c) Microsoft Corporation. All rights reserved.

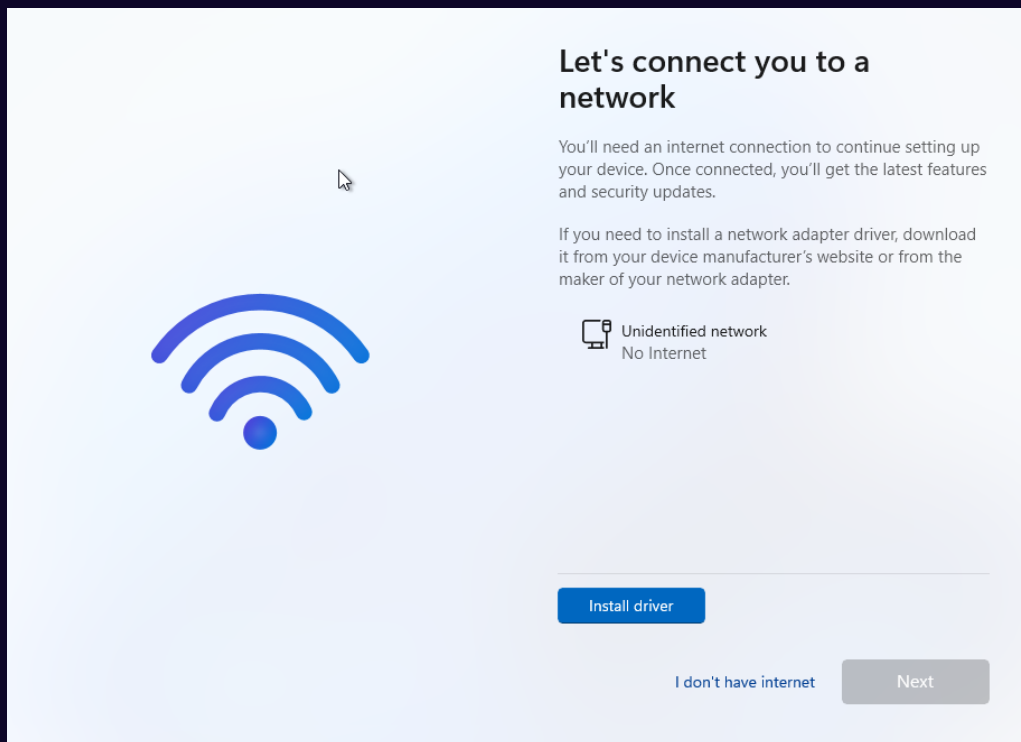
C:\Windows\System32>oobe\bypassnro
The operation completed successfully.

C:\Windows\System32>
```

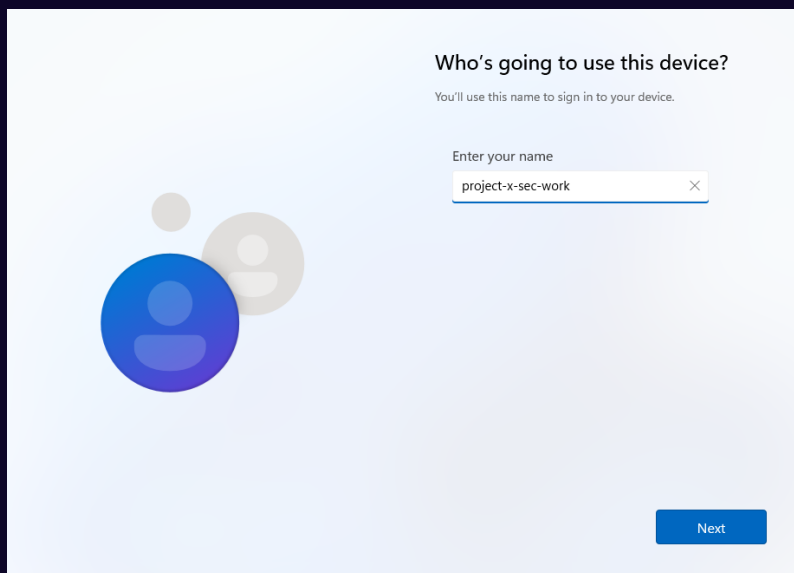
### Step 3

Run through the Country and keyboard layouts. The “Connect to Microsoft Account” screen should now be bypassed. Select “I don’t have Internet”.





Choose account name (this will change once we have connected this device to the Active Directory domain).



Create a new password. Click “Next” and type password in again.


Type in 3 security questions.

## Now add security questions

Just in case you forget your password, choose 3 security questions. Make sure your answers are unforgettable.

### Security question (1 of 3)

This field is required.

What was your first pet's name? 

This field is required.

Deeboodah

Turn off all Privacy Settings Toggles (no tracking for us Microsoft!)

### Choose privacy settings for your device

Microsoft puts you in control of your privacy. Choose your settings, then select **Accept** to save them. You can change these settings at any time.

#### Location

You won't be able to get location-based experiences like directions and weather or enjoy other services that require your location to work.

☒ No

#### Find my device

Windows won't be able to help you keep track of your device if you lose it.

☒ No

#### Diagnostic data

Send only info about your device, its settings and capabilities, and whether it is performing properly. Diagnostic data is used to help keep Windows secure and up to date, troubleshoot problems, and make product improvements.

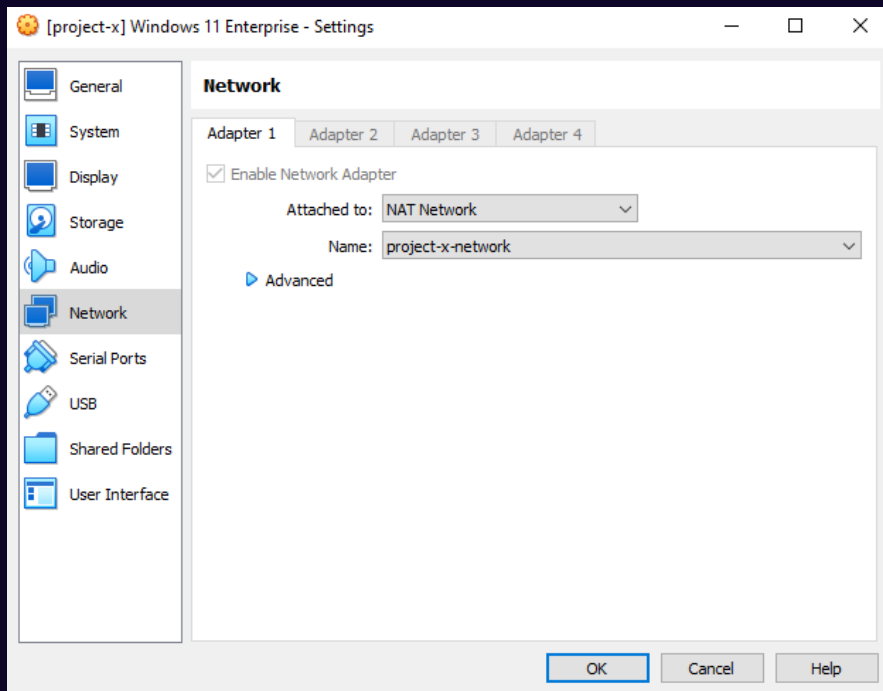
[Learn more](#)

Accept

Wait for Windows 11 to set up until reaching the login screen.

## Step 4

Change the Network settings back to “NAT Network” → “project-x-network”.



Success!

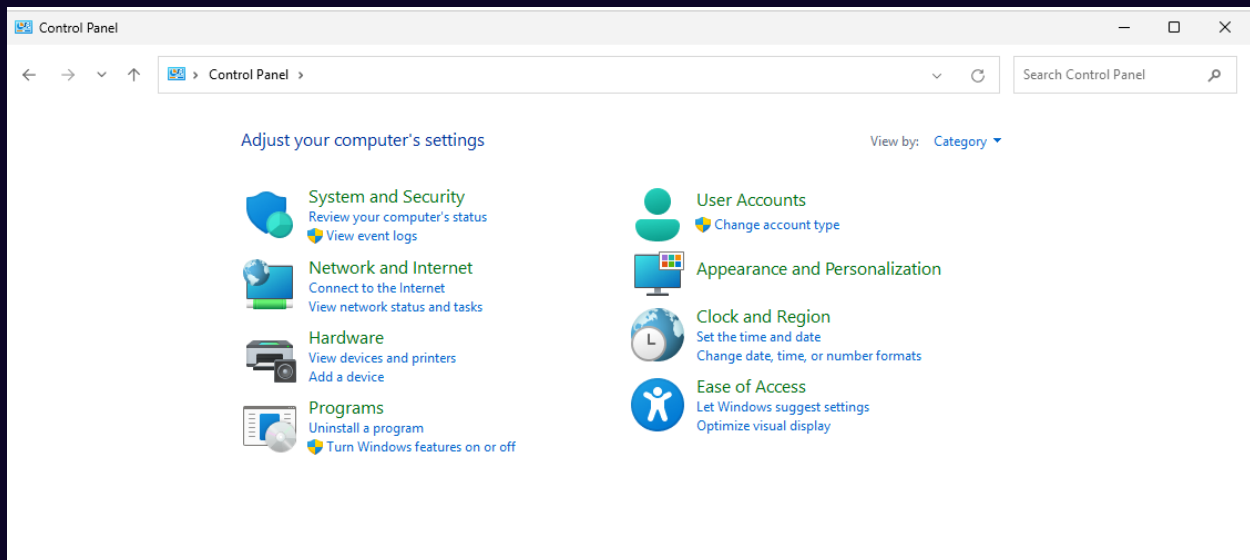


# Connect Windows 11 Enterprise [...sec-win-client] to Windows Domain Controller

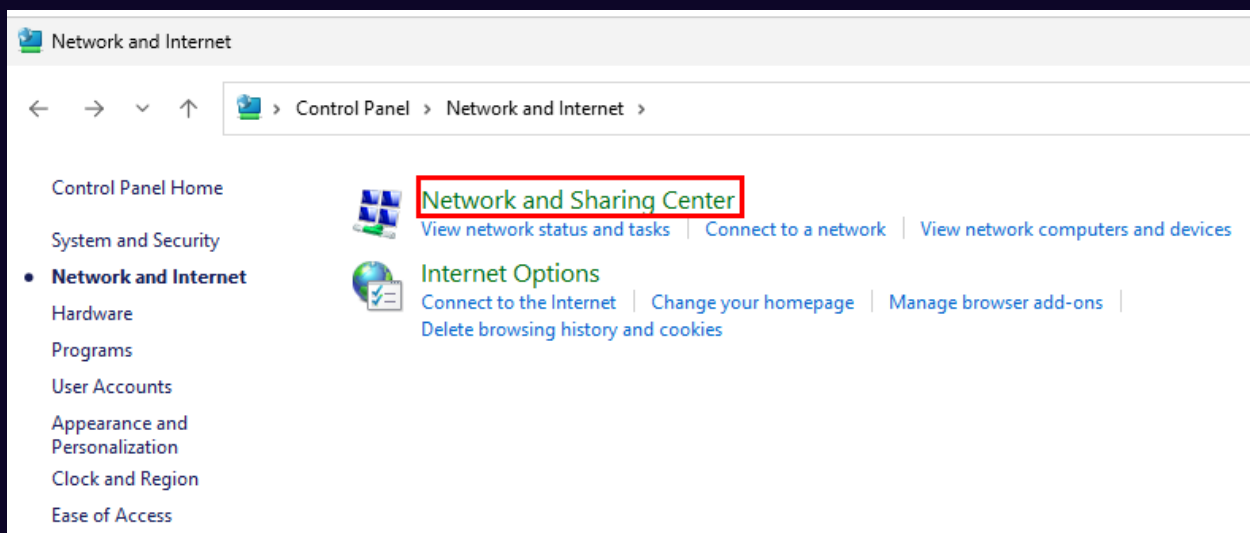
👉 Before You Start: Make sure Windows Server 2025 (project-x-dc) is running.

## Step 1

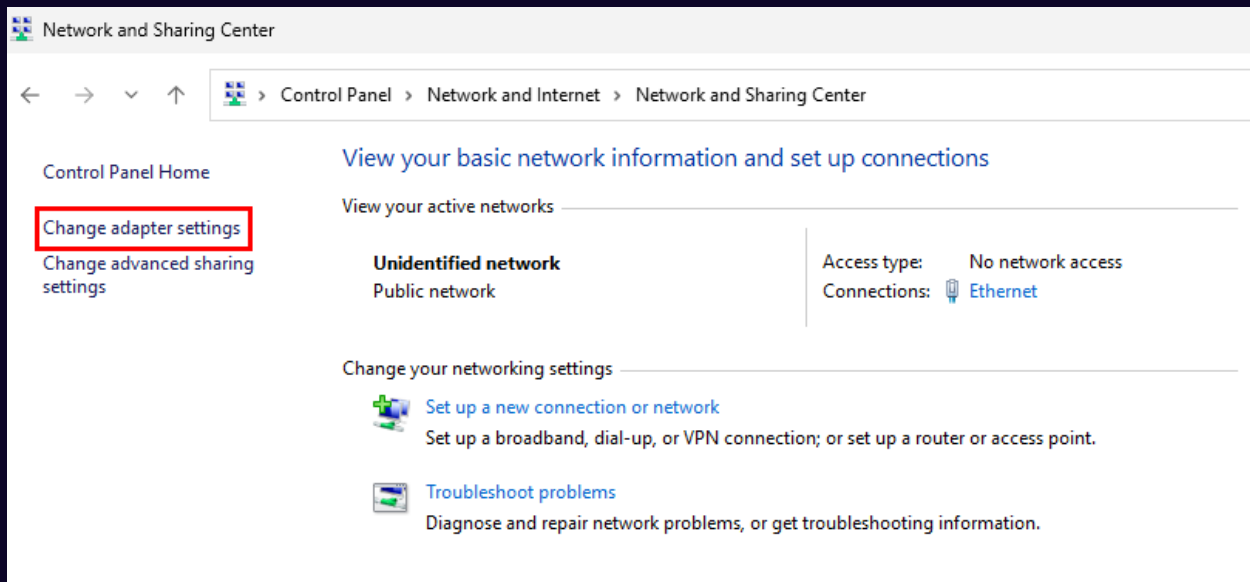
Navigate to the Control Panel (Shortcut: Windows+X).



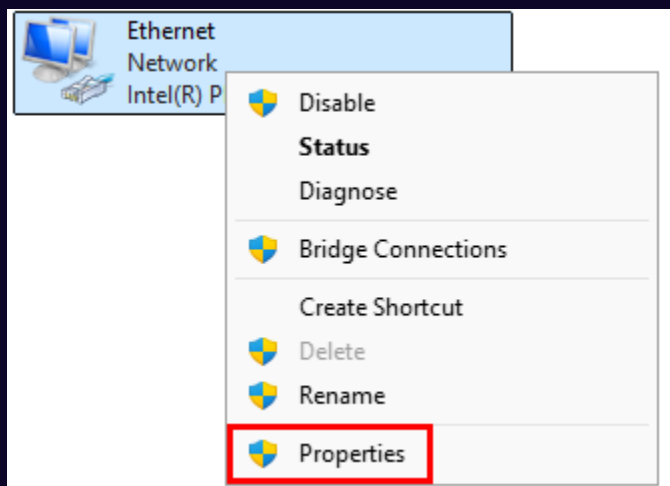
Select "Network and Sharing Center".



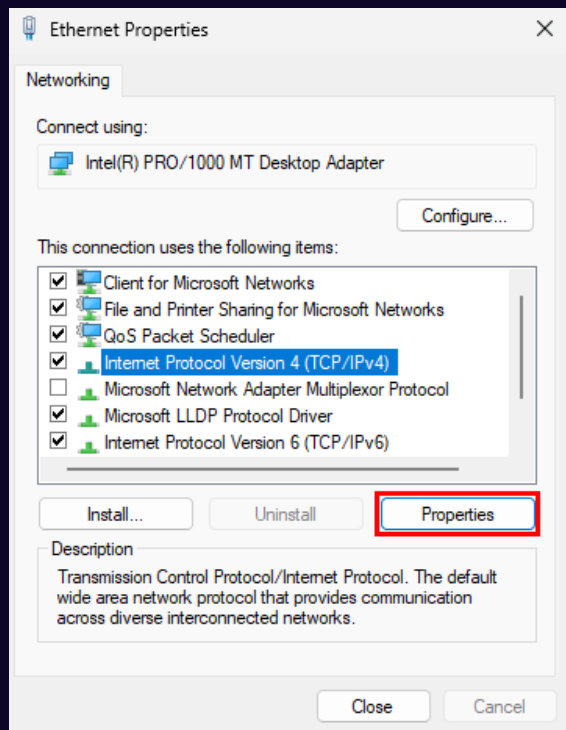
Select "Change adapter settings".



A window will pop-up with a computer icon named “Ethernet”. Right-click this icon → “Properties”.



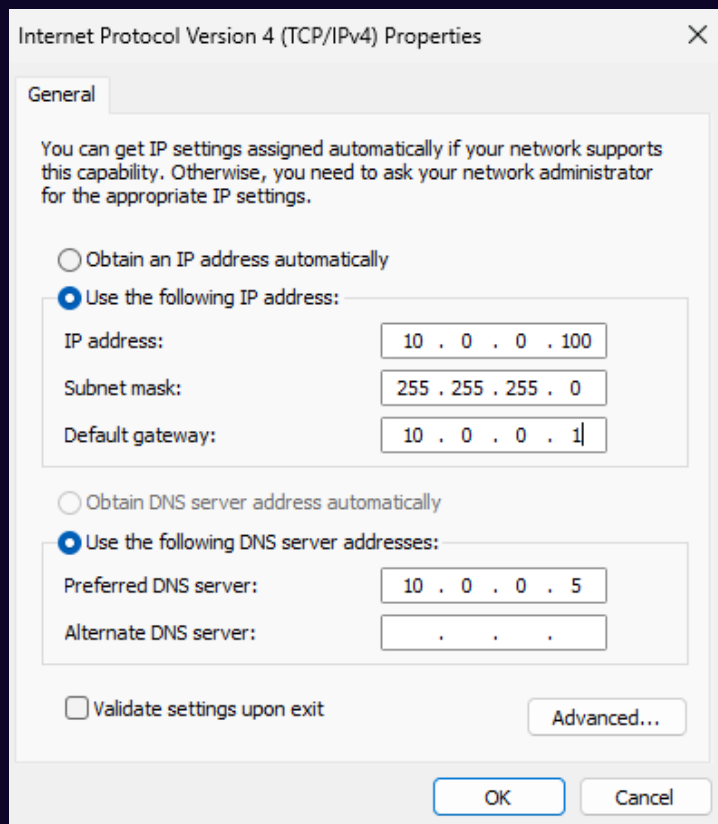
Another box will open (yay for all the boxes we must click through 🙄). Select “Internet Protocol Version 4 (TCP/IPv4)” → “Properties”.



Set this device to a static IP address. Select “OK” after finishing.

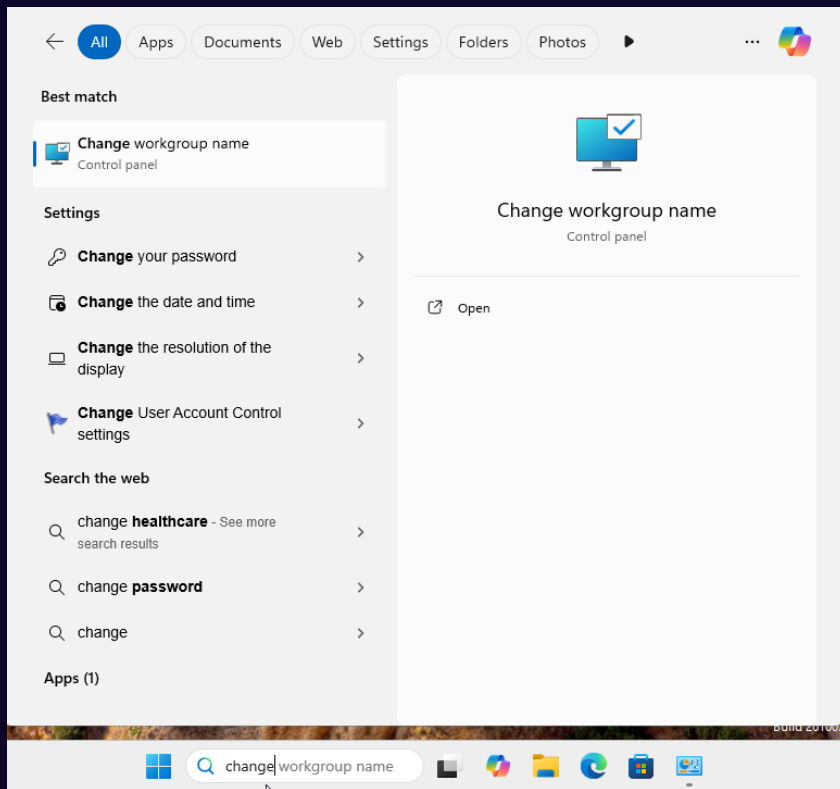
- IP address: 10.0.0.100
- Subnet mask: 255.255.255.0
- Default gateway: 10.0.0.1
- Preferred DNS server: 10.0.0.5

👉 Refer to the “Project Overview” guide for more information on hostname addressing.

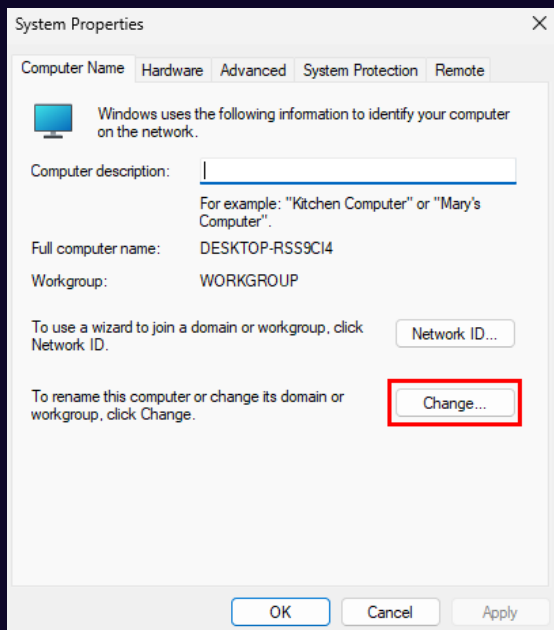


## Step 2

Exit out of the Control Panel. Go down to the search bar and look up “Change workgroup name”.



A box will open, select “Change”.



Enter the following information.



Computer Name/Domain Changes

You can change the name and the membership of this computer. Changes might affect access to network resources.

Computer name:  
project-x-win-client

Full computer name:  
project-x-win-client

More...

Member of


☒ Domain:  
corp.project-x-dc.com

☐ Workgroup:  
WORKGROUP

OK Cancel

Select "OK".

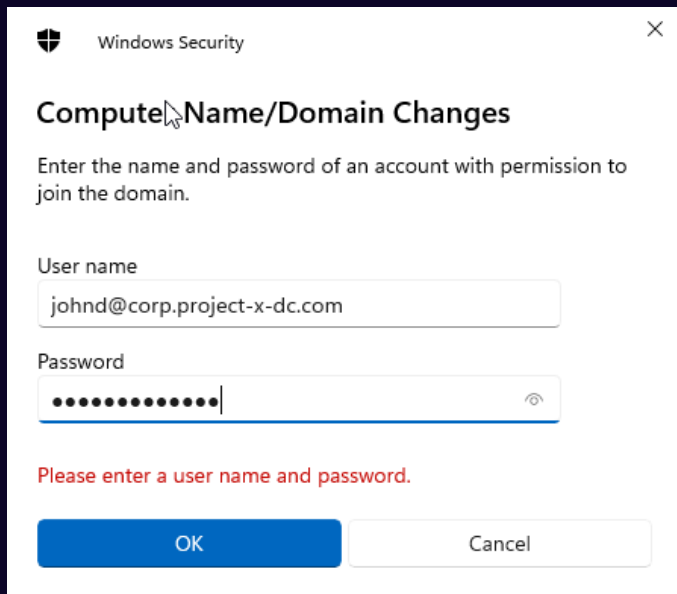
Computer Name/Domain Changes

 The NetBIOS name of the computer is limited to 15 bytes, which is 15 characters in this case. The NetBIOS name will be shortened to "PROJECT-X-WIN-C", which may cause conflicts under NetBIOS name resolution.

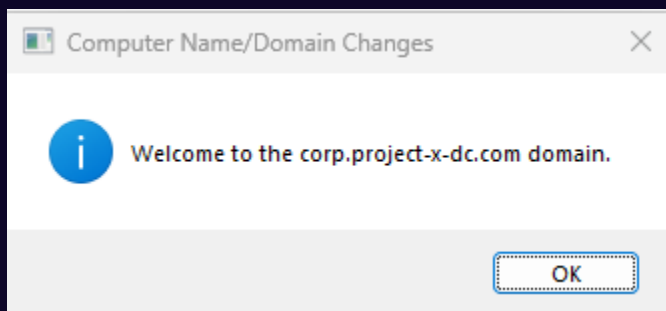
OK

Type in the username and password for [johnd@corp.project-x-dc.com](mailto:johnd@corp.project-x-dc.com).

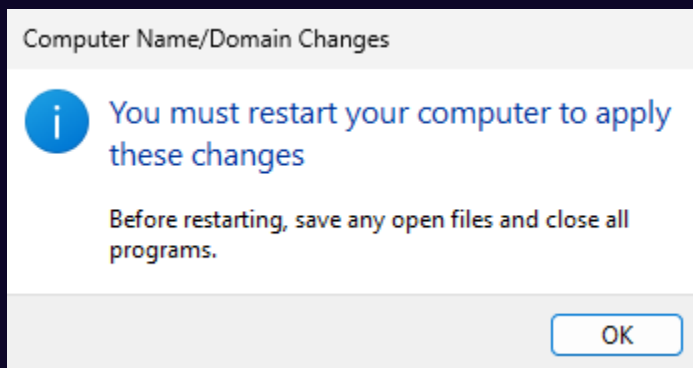
- Username: [johnd@corp.project-x-dc.com](mailto:johnd@corp.project-x-dc.com)
- Password: @password123!



A dialogue box should appear with a welcome message. Select “OK”.



Another dialogue box will open, select “OK” to restart the changes. Wait for VM to restart.



### Step 3

Select “Other User” at the bottom left of the Login Screen. Add in John Doe’s credentials. Success!

