



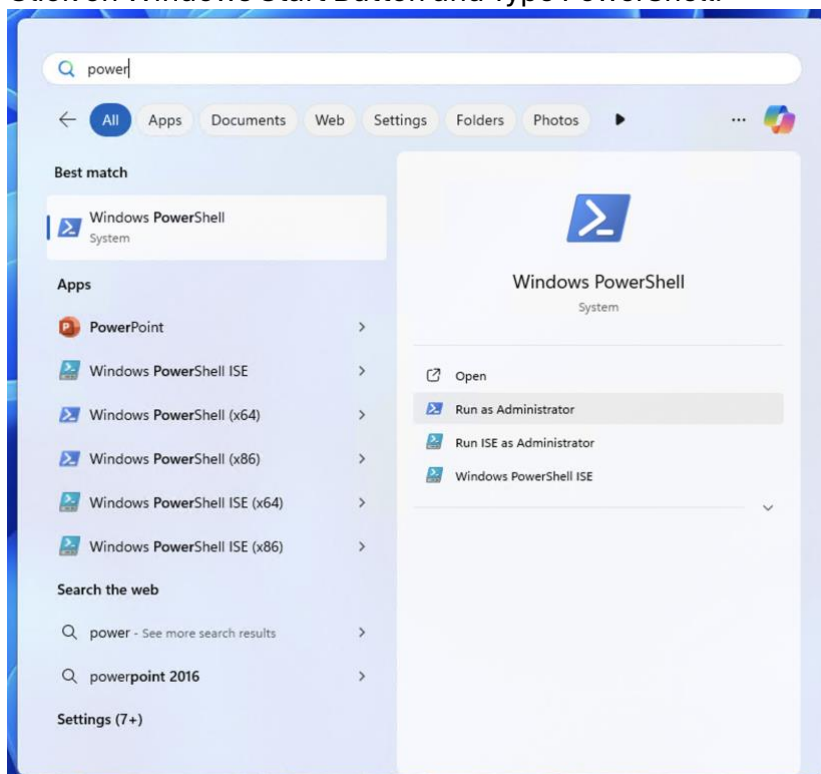
IKEv2 VPN Configuration on Windows System

Pre-requisites:

- You will need a one certificate to be installed in Local Computer → Trusted Root Certification Authorities.
- Ask you System Admin team to share the certificate with you and follow the below steps to install the certificate. On your Windows System.
- Once you have certificate with you, right click on the certificate and click on “Install Certificate” option.
- You have to select “Local Machine” on the screen on Certificate Import Wizard and click on Next
- On Certificate Store page option, select “Place all certificate in following store and click on Browse button.
- On Select Certificate Store pop-up box, select “Trusted Root Certification Authorities” and click on OK button and then click on Next button.
- On Completing the Certificate Import Wizard page click on Finish button and you will get the pop-up window saying “The import was successful”

Once the required certificate imports successfully, follow the below steps to configure the VPN.

1. Click on Windows Start Button and Type PowerShell.



2. Once you see the **Windows PowerShell** select the same and on the right-side menu click on “**Run as Administrator**” option.



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3. Once **PowerShell** window is open, run the following two (2) commands to configure the VPN.
 - a. **Add-VpnConnection -Name "Neysa VPN" -ServerAddress "vpn.iitb.neysa.ai" -TunnelType "Ikev2"**
 - b. **Set-VpnConnectionIPsecConfiguration -ConnectionName "Neysa VPN" -AuthenticationTransformConstants GCMAES256 -CipherTransformConstants GCMAES256 -EncryptionMethod GCMAES256 -IntegrityCheckMethod SHA256 -PfsGroup None -DHGroup "Group14" -PassThru -Force**
4. Once above command is run, you'll see the below screen capture output.

```
Administrator: Windows PowerShell
Windows PowerShell
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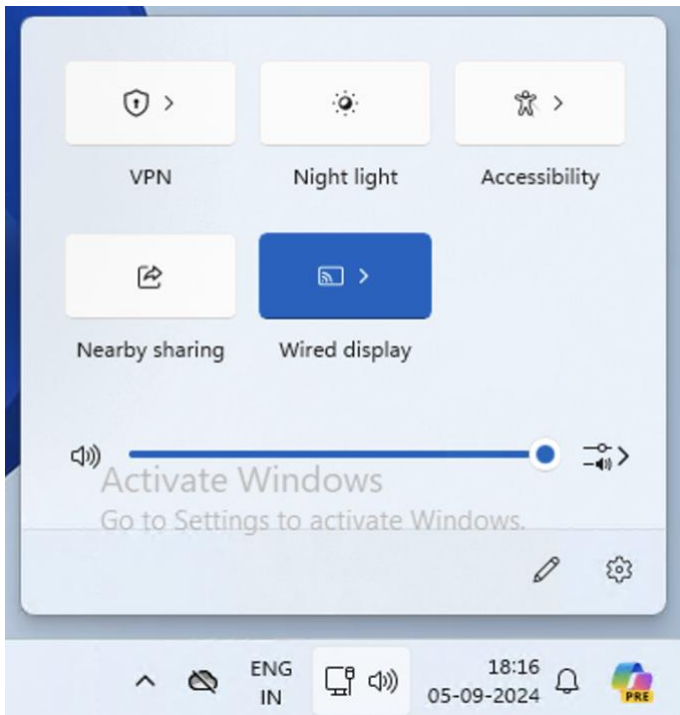
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Administrator> Add-VpnConnection -Name "Neysa VPN" -ServerAddress "vpn.iitb.neysa.ai" -TunnelType "Ikev2"
PS C:\Users\Administrator> Set-VpnConnectionIPsecConfiguration -ConnectionName "Neysa VPN" -AuthenticationTransformConstants GCMAES256 -CipherTransformConstants GCMAES256 -EncryptionMethod GCMAES256 -IntegrityCheckMethod SHA256 -PfsGroup None -DHGroup "Group14" -PassThru -Force

AuthenticationTransformConstants : GCMAES256
CipherTransformConstants         : GCMAES256
DHGroup                          : Group14
IntegrityCheckMethod             : SHA256
PfsGroup                        : None
EncryptionMethod                 : GCMAES256

PS C:\Users\Administrator>
```

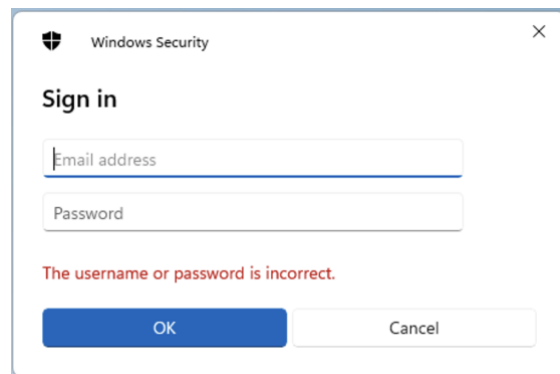
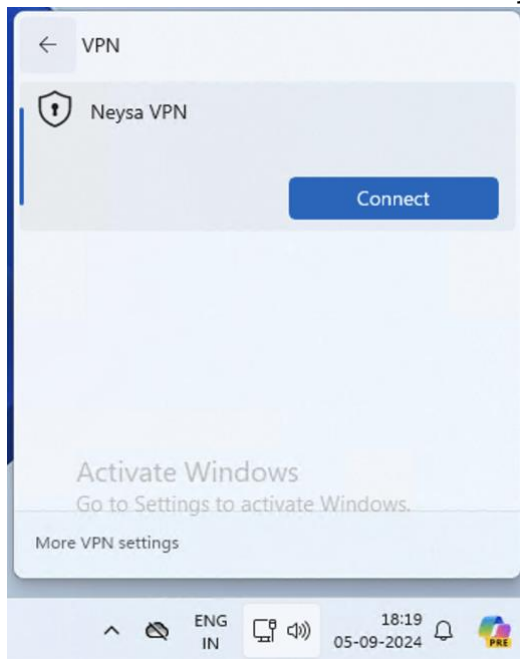
5. Now you have to connect to Neysa VPN, click on Network Icon located on Task bar near the Date and Time.





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6. Click on VPN and you will see the **Neysa VPN** Click on it and you'll see the connect button, click on it and it will prompt you for the **Sign in** here you have to provide **Username and Password** which is been shared with your team.



Once the VPN connection is established successfully you can connect to your servers using, PuTTY or SSH provided by Windows itself.