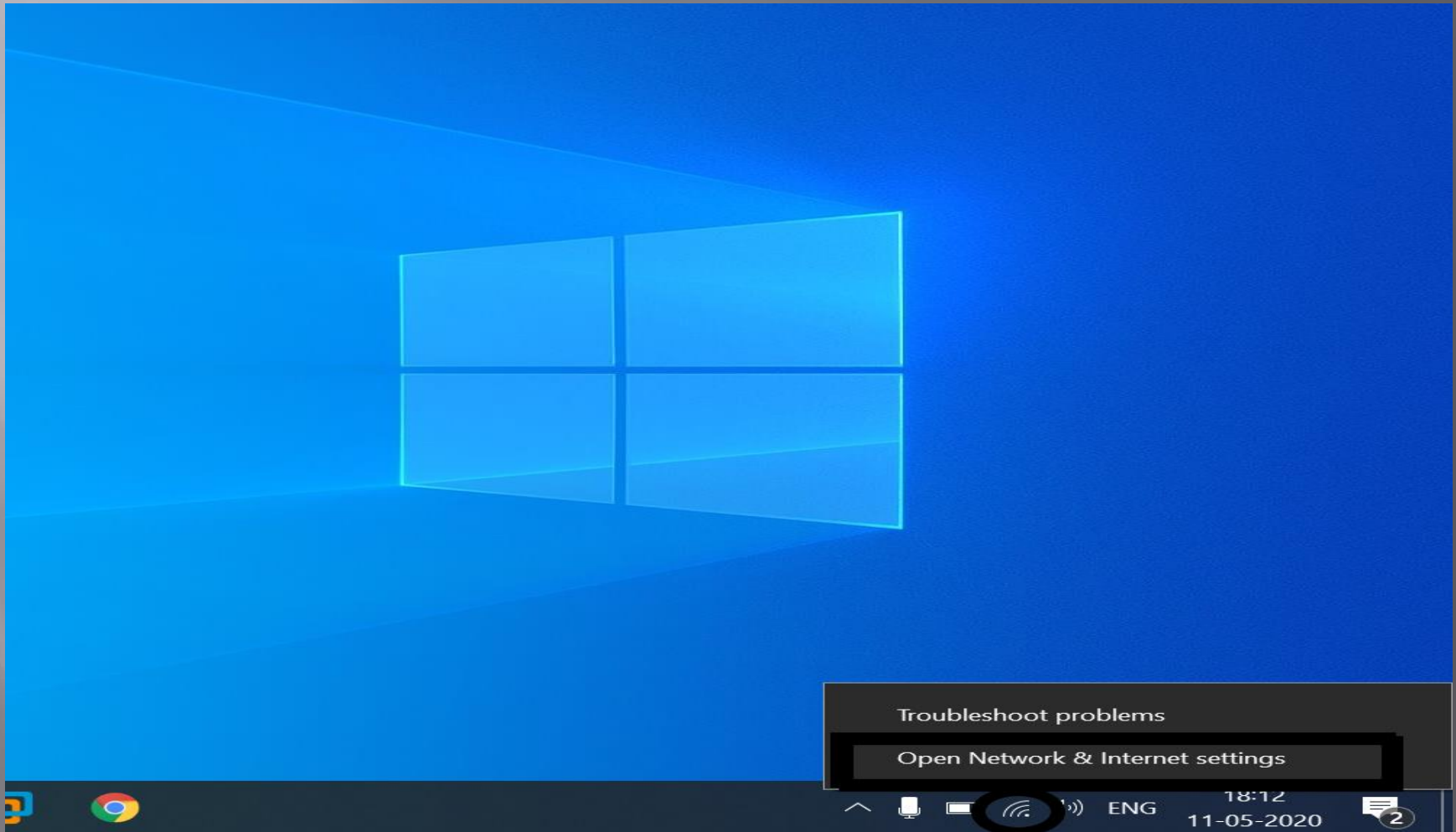
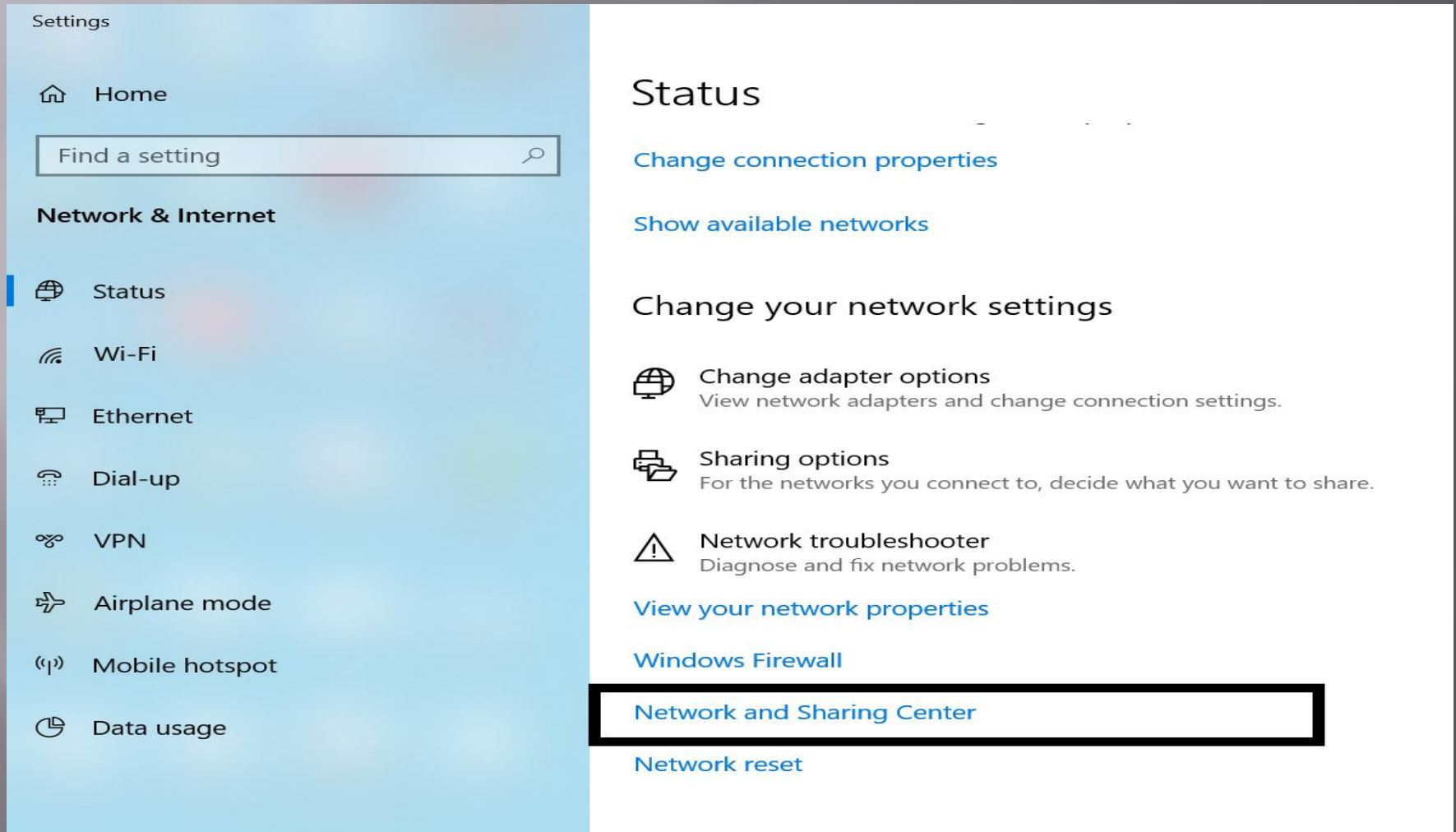


eduroam - Configure a wireless connection for Windows 8.1 And Windows 10

Open Network & Internet settings



Open Network & Internet settings



The image is a screenshot of the Windows Settings application, specifically the 'Network & Internet' section. The left sidebar is light blue and contains a 'Home' button at the top, a search bar labeled 'Find a setting', and a list of settings categories: 'Network & Internet' (highlighted with a blue bar), 'Status', 'Wi-Fi', 'Ethernet', 'Dial-up', 'VPN', 'Airplane mode', 'Mobile hotspot', and 'Data usage'. The main content area on the right is white. At the top, it says 'Status'. Below that are two links: 'Change connection properties' and 'Show available networks'. A section titled 'Change your network settings' follows, containing four items: 'Change adapter options' (with a globe icon and subtext 'View network adapters and change connection settings.'), 'Sharing options' (with a folder icon and subtext 'For the networks you connect to, decide what you want to share.'), 'Network troubleshooter' (with a warning triangle icon and subtext 'Diagnose and fix network problems.'), and a link 'View your network properties'. Below these are 'Windows Firewall' and 'Network and Sharing Center' (which is highlighted with a thick black rectangular border). At the bottom of the main area is a link for 'Network reset'.

Settings

Home

Find a setting

Network & Internet




- Status
- Wi-Fi
- Ethernet
- Dial-up
- VPN
- Airplane mode
- Mobile hotspot
- Data usage

Status

[Change connection properties](#)

[Show available networks](#)

Change your network settings

-  **Change adapter options**
View network adapters and change connection settings.
-  **Sharing options**
For the networks you connect to, decide what you want to share.
-  **Network troubleshooter**
Diagnose and fix network problems.

[View your network properties](#)

[Windows Firewall](#)

[Network and Sharing Center](#)

[Network reset](#)

Set up a new connection or network

The screenshot displays the Windows Settings application with the 'Network & Internet' section selected in the left sidebar. The main pane shows the 'Network and Sharing Center' window. Within this window, the 'View your active networks' section lists the 'IITR_WIFI' public network. Below this, the 'Change your networking settings' section is highlighted with a red box, containing the link 'Set up a new connection or network'. Other visible elements include the 'Control Panel Home' sidebar, the 'View your basic network information and set up connections' header, and the 'Troubleshoot problems' link. The Windows taskbar at the bottom shows the search bar, task view, and various application icons, with the system clock indicating 18:02 on 11-05-2020.

Settings

Home

Find a setting

Network & Internet

- Status
- Wi-Fi
- Ethernet
- Dial-up
- VPN
- Airplane mode
- Mobile hotspot
- Data usage

Network and Sharing Center

Control Panel Home

Change adapter settings

Change advanced sharing settings

Media streaming options

View your basic network information and set up connections

View your active networks

IITR_WIFI
Public network

Access type: Internet

Connections: Wi-Fi (IITR_WIFI)

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

- Internet Options
- Windows Defender Firewall

Type here to search

18:02
11-05-2020

Enter all the given details

The image shows a Windows 10 desktop environment. On the left is the Settings app, with the 'Network & Internet' section selected. The 'Status' option is highlighted. Overlaid on the Settings app is the 'Network and Sharing Center' window. Within this window, the 'Manually connect to a wireless network' wizard is open. The wizard prompts the user to 'Enter information for the wireless network you want to add'. The fields are filled with the following information:

- Network name: eduroam
- Security type: WPA2-Enterprise
- Encryption type: AES
- Security Key: (empty field)
- ☐ Hide characters
- ☒ Start this connection automatically
- ☐ Connect even if the network is not broadcasting

A warning message is displayed: 'Warning: If you select this option, your computer's privacy might be at risk.' At the bottom of the wizard are 'Next' and 'Cancel' buttons. The Windows taskbar at the bottom shows the search bar with the text 'Type here to search', several application icons, and the system tray with the date '11-05-2020' and time '18:02'.

Change connection settings

The screenshot displays the Windows Settings application. On the left, the 'Settings' sidebar is visible with the 'Network & Internet' section selected. The main pane shows the 'Network & Internet' settings, with a 'Change connection settings' button highlighted by a red rectangular box. Below this, a 'Windows Defender Firewall' section is partially visible. In the bottom right corner, a notification bubble states 'Password required for eduroam Connect? Wireless'. The taskbar at the bottom shows the Start button, a search bar, and several pinned application icons. The system tray on the right indicates the time as 18:04 on 11-05-2020.

Settings

Home

Find a setting

Network & Internet

- Status
- Wi-Fi
- Ethernet
- Dial-up
- VPN
- Airplane mode
- Mobile hotspot
- Data usage

Network and Sharing Center

« All Control Panel Items » Network and Sharing Center

Search Control Panel

Manually connect to a wireless network

Successfully added eduroam

→ Change connection settings
Open the connection properties so that I can change the settings.

Close

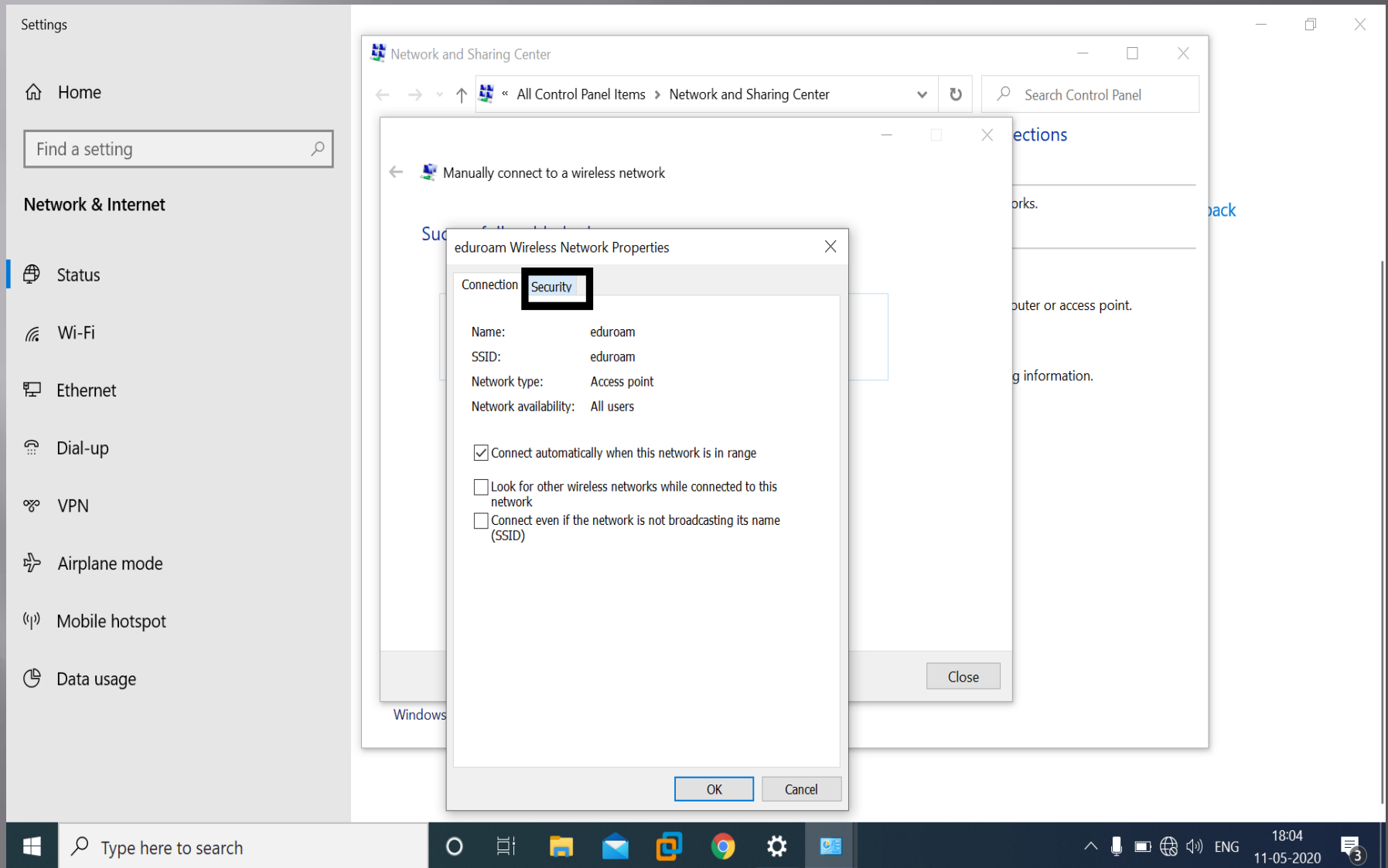
Windows Defender Firewall

Password required for eduroam
Connect?
Wireless

Type here to search

18:04
11-05-2020

Go to Security



Settings

Home

Find a setting

Network & Internet

- Status
- Wi-Fi
- Ethernet
- Dial-up
- VPN
- Airplane mode
- Mobile hotspot
- Data usage

Network and Sharing Center

Protected EAP Properties

When connecting:

- ☐ Verify the server's identity by validating the certificate
- ☐ Connect to these servers (examples: srv1;srv2;*.srv3.com):

Trusted Root Certification Authorities:

- ☐ AAA Certificate Services
- ☐ AddTrust External CA Root
- ☐ Baltimore CyberTrust Root
- ☐ Certum CA
- ☐ Certum Trusted Network CA
- ☐ Cisco Umbrella Root CA
- ☐ Class 3 Public Primary Certification Authority

Notifications before connecting:

Don't ask user to authorize new servers or trusted CAs

Select Authentication Method:

Secured password (EAP-MSCHAP v2) Configure...

- ☒ Enable Fast Reconnect
- ☐ Disconnect if server does not present cryptobinding TLV
- ☐ Enable Identity Privacy

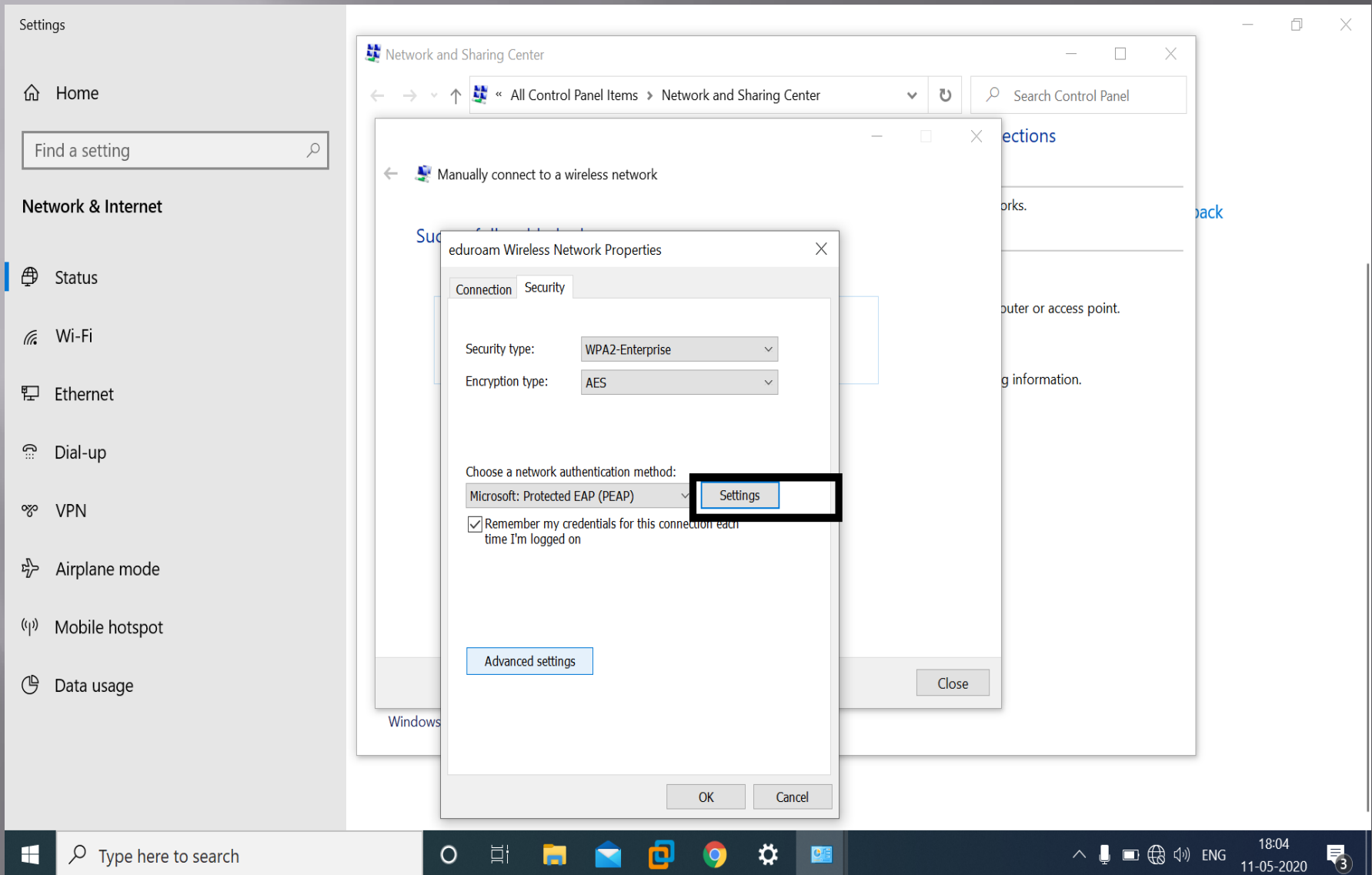
OK Cancel

Close

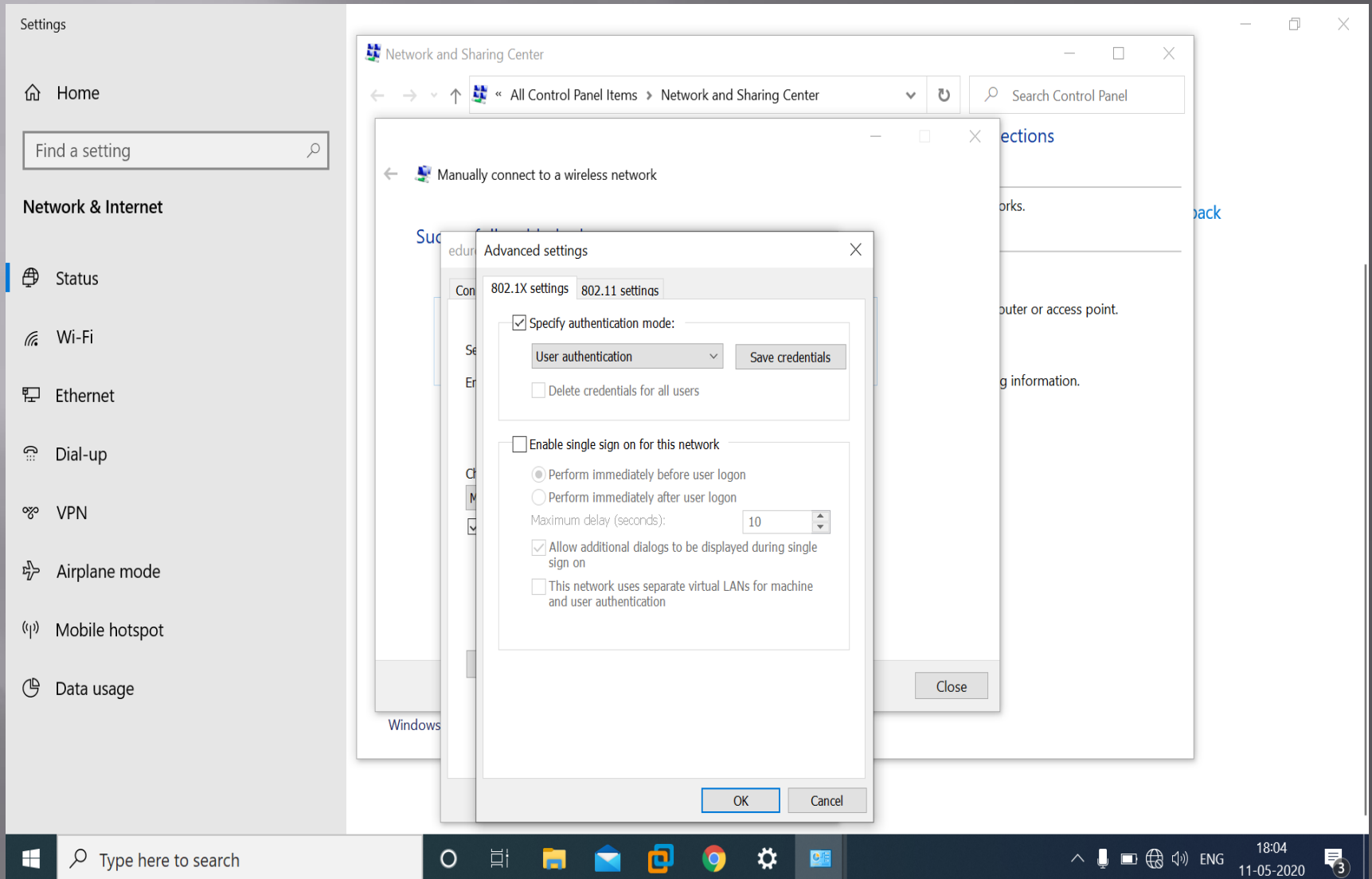
Type here to search

18:04 11-05-2020

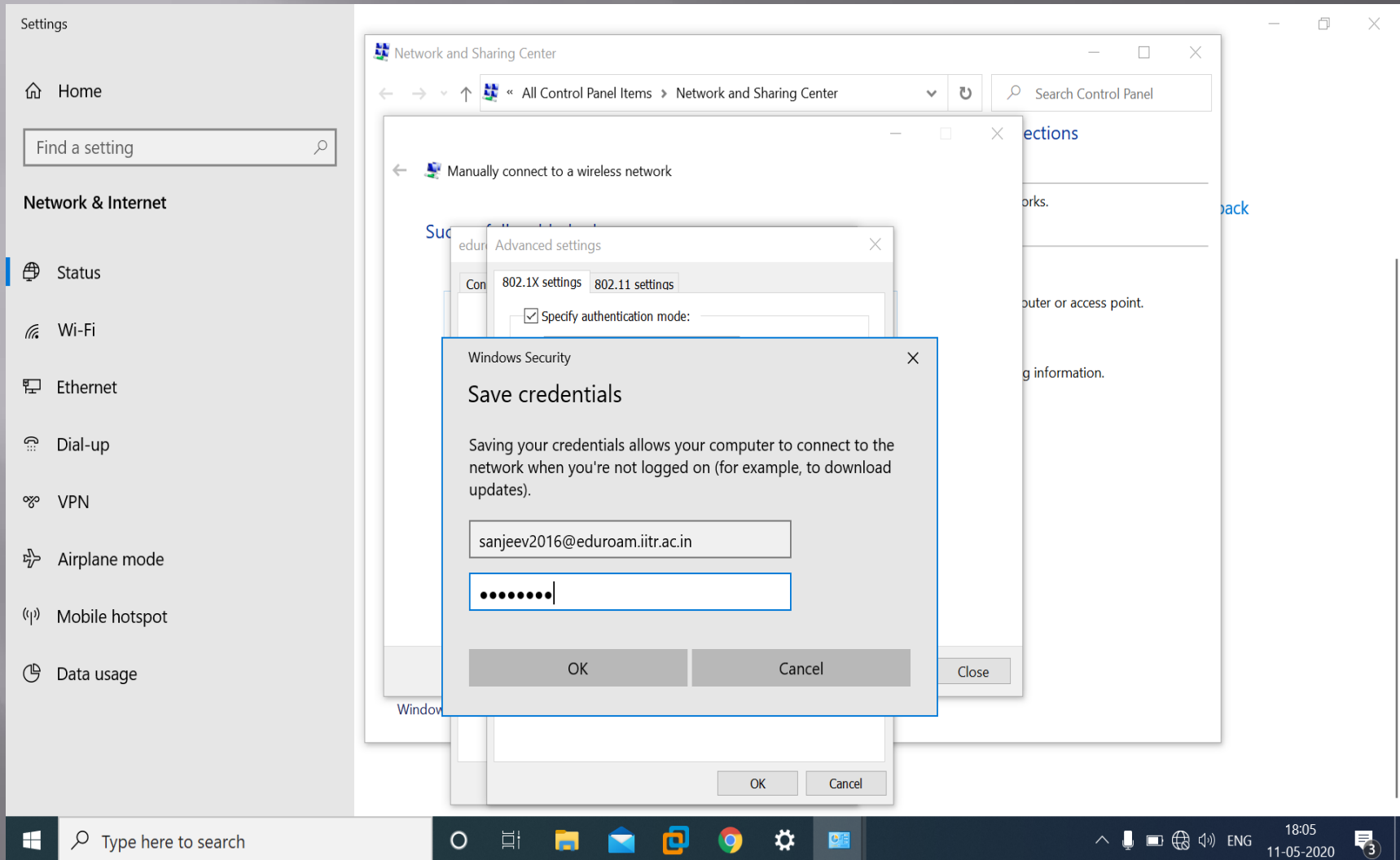
Go to setting



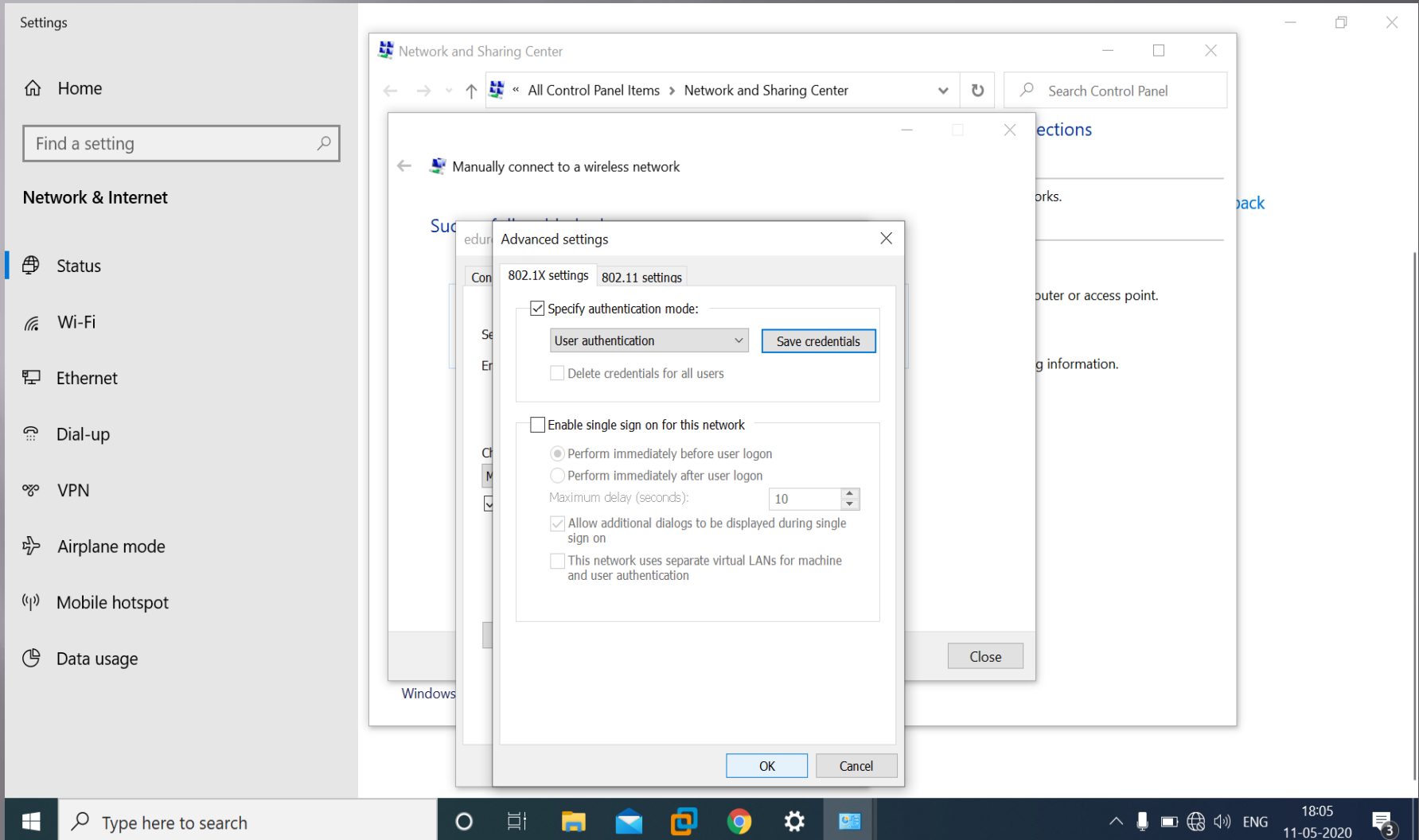
Select user Authentication



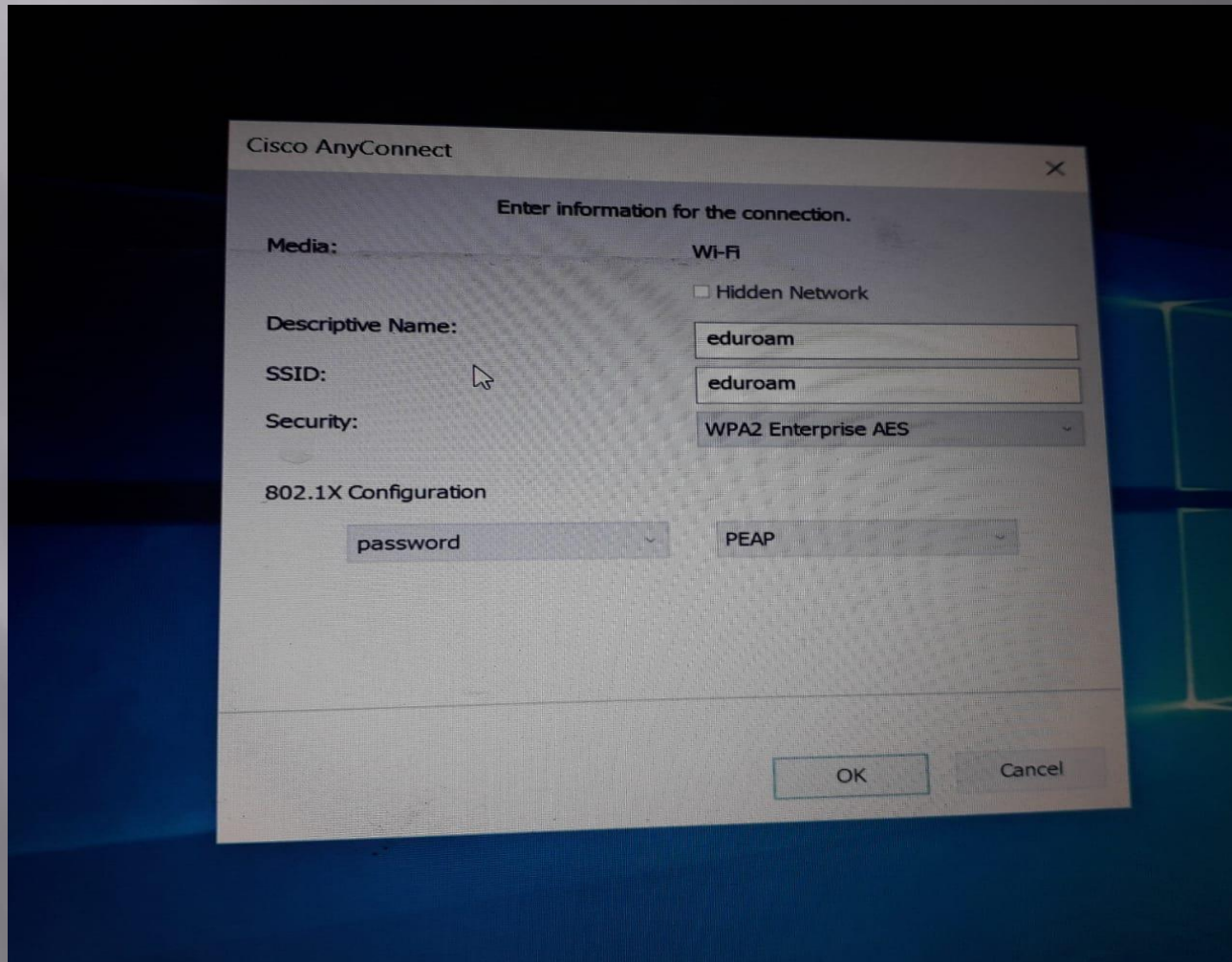
Enter username and password



Then click on save Credentials



Select peap in 801.1x configuration



Connect to Eduroam

The image shows a Windows 10 desktop with the Settings app open. The 'Network & Internet' section is selected in the left sidebar. The main pane displays the 'Network and Sharing Center' window, which shows 'Identifying...' for the active network. Overlaid on this is the 'Network Connections' window, which lists several networks. The 'eduroam' network is highlighted at the top, showing it is 'Connected, secured'. Below it, other networks like 'IITR_WIFI', 'DIRECT-cd-HP M254 LaserJet', 'ICC_R&D', 'IIT-R-WIFI', and 'IITR_Guest' are listed. The 'eduroam' network has a 'Disconnect' button next to it. The bottom of the screen shows the Windows taskbar with the search bar, task view, and various application icons. The system tray on the right shows the time as 18:06 on 11-05-2020.

Settings

Home

Find a setting

Network & Internet

- Status
- Wi-Fi
- Ethernet
- Dial-up
- VPN
- Airplane mode
- Mobile hotspot
- Data usage

Network and Sharing Center

View your basic network information and set up connections

View your active networks

Identifying...

Change your networking settings

- Set up a new connection or network
- Troubleshoot problems

See also

- Internet Options
- Windows Defender Firewall

Windows Firewall

Network and Sharing Center

eduroam
Connected, secured
[Properties](#)
Disconnect

IITR_WIFI
Action needed

DIRECT-cd-HP M254 LaserJet
Secured

ICC_R&D
Secured

IIT-R-WIFI
Open

IITR_Guest

Network & Internet settings
Change settings, such as making a connection metered.

Wi-Fi
Airplane mode
Mobile hotspot

Type here to search

18:06
11-05-2020

Thank YOU !

**for further support email to
mukesh@iitr.ac.in**