Note: These instructions are for configuring eduroam/NTUSECURE on **Ubuntu 20.04.2 LTS** the screen layouts, settings and steps might be different for other versions of Ubuntu and alternative Linux. There is also a requirement for the TLS version to be at least 1.2 and above.

These instructions make use of a python script provided via the eduroam Configuration Assistant Tool (CAT) website. Information about how the script works is available during the download process. The script should work with Python 2.7 or Python 3. If these instructions do not work for you then you should use the generic settings below to make your connection.

Network Name (SSID)	eduroam or NTUSECURE
Security Type	WPA2 Enterprise
Data Encryption	AES
EAP Authentication Type or Outer Authentication Protocol	PEAP or PEAPv0
Authentication Method/Protocol or Inner Authentication Protocol	MS-CHAPv2

Download the eduroam CAT installer:

- In a web browser, go to cat.eduroam.org (opens a new browser window).
- Click the 'download your eduroam installer' button.
- A pop-up window will appear listing nearby profiles, check that 'Singapore' is selected next to 'Show organisations in' at the bottom of this window.
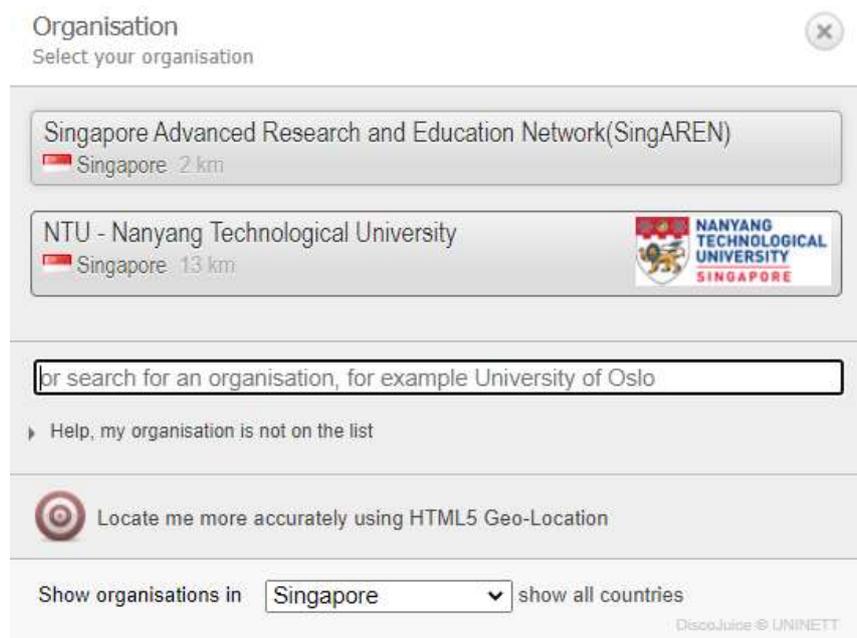
- If 'NTU – Nanyang Technological University' is not listed, then search for it using the search box at the bottom of the list.
- Select 'NTU – Nanyang Technological University'.
- You will now see two clickable boxes - 'Download your eduroam installer Linux' and an information box 'i'. If you would like more information about how the script works, click on 'i'.

- Continue click on the download button and choose 'Save File'. You will need to know where this file has been saved to (this will depend on your browser settings).

Run the installer to configure your connection.

- Open a terminal window ('ctrl-alt-t' should work on most platforms).
- Go to the directory that the installer was downloaded to (e.g. 'cd ~/Downloads').
- Run the installer by typing 'python3 eduroam-linux-N-NTU.py'.
- An information pop-up should appear, click 'OK'.
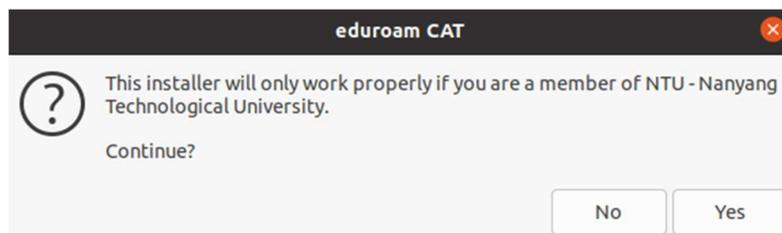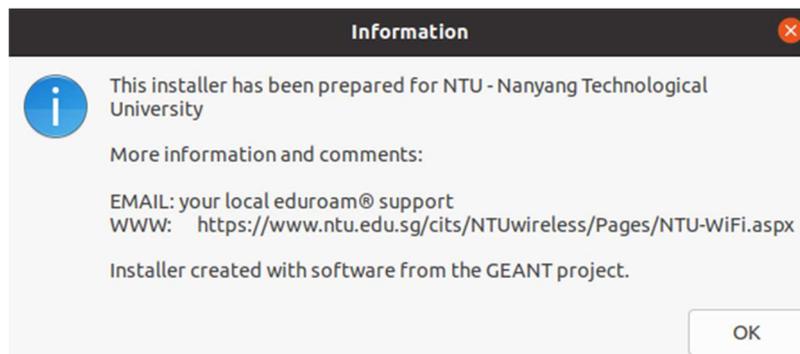
- Click 'Yes' to continue past the next window.
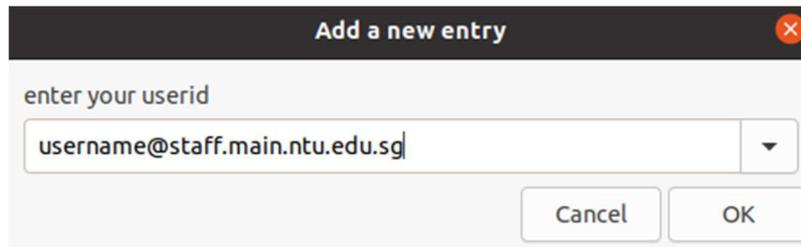
Add a new entry

enter your userid

username@staff.main.ntu.edu.sg

Cancel   OK

Add a new entry

enter password

••••••••
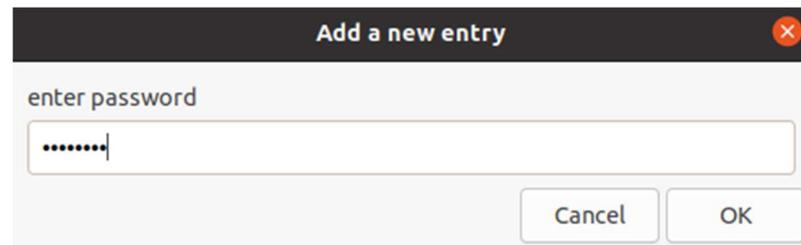
Cancel   OK

- Supply your login name & password during the subsequent prompts. This profile will install both NTUSECURE & eduroam, you can use a common login format as <username>@staff.main.ntu.edu.sg or <username>@student.main.ntu.edu.sg or <username>@assoc.main.ntu.edu.sg or <username>@niestaff.cluster.nie.edu.sg or <username>@niestudent.cluster.nie.edu.sg.
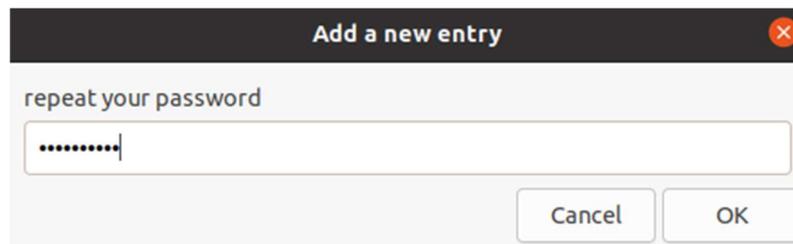
Add a new entry

repeat your password

••••••••••

Cancel   OK

- You will be asked to re-enter your password. Do so and click 'OK'.
- If all is well, you will see the message 'Installation successful'. Click 'OK'.
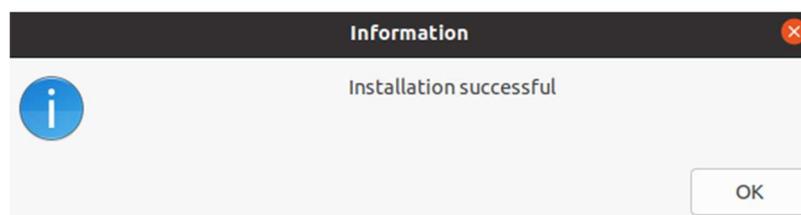
Information

Installation successful

OK

Check your connection to eduroam/NTUSECURE. Your method of doing this will vary according to your version of Linux and desktop. On Ubuntu 20.04.2, you should be able to do the following:

- Click 'Activities' (top left of your screen).
- Select the 'Settings' icon ✕.
- Choose Wi-Fi from the top of the list on the left.

- If 'Wi-Fi' is currently turned off, turn it on using the slider at the top of this window.
- You should see a list of available wireless networks:
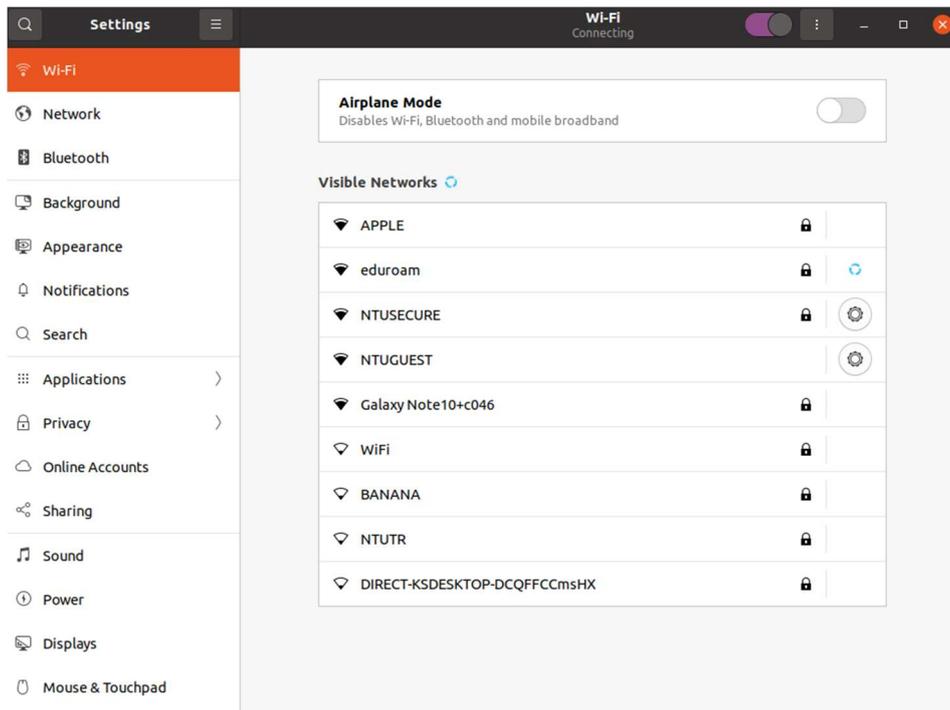
- If eduroam/NTUSECURE does not have a tick next to it, then click on the box it is in. You should now connect.
- Check your connection by clicking the settings 'gear wheel' icon next to eduroam/NTUSECURE in the list.