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	PEAP or PEAPv0
Authentication Protocol	
Authentication Method/Protocol or Inner	MS-CHAPv2
Authentication Protocol	

1

Download the eduroam CAT installer:

- In a web browser, go to <u>cat.eduroam.org</u> (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'.

	Information		8				
1	This installer has been prepared for NTU - Nanyang Technological University						
	More information and comments:						
	EMAIL: your local eduroam® support WWW: https://www.ntu.edu.sg/cits/NTUwireless/Pages/NTU-WiFi.aspx						
	Installer created with software from the GEANT project.						
			ОК				
eduroam CAT 🛛 😣							
(?)	This installer will only work properly if you are a member of NTU - Nanyang Technological University.						
<u> </u>	Continue?						
		No	Yes				

• Click 'Yes' to continue past the next window.

Add a new entry		8
enter your userid		
username@staff.main.ntu.edu.sg		•
	Cancel	ОК
Add a new entry		8
enter password		
•••••		
	Cancel	ОК

 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		8
repeat your password			
••••••			
		Cancel	ОК

- 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'.



3

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:

Q	Settings	Ξ	Wi-Fi Connecting	-
	/i-Fi			
⊙ N	etwork		Airplane Mode Disables Wi-Fi, Bluetooth and mobile broadband	\mathbf{D}
∦ Bl	luetooth			
Ba	ackground			
	ppearance			
0 N	otifications		♥ eduroam	0
ų IN	otifications			0
2 Se	earch			0
iii Ag	pplications	>		۲
Pr	rivacy	>		
0	nline Accounts		♀ wiFi û	
	Accounts		S BANANA	
S St	haring			
Sc.	ound		-	
• Po	ower		♥ DIRECT-KSDESKTOP-DCQFFCCmsHX	
Di	isplays			
M	louse & Touchpad			

- 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.

Cancel		eduroam				
Details	Identity	IPv4	IPv6	Security		
	Signal Strength	Good				
	Link speed	780 Mb/s (5.6 GHz)				
	Security	WPA2, Enterprise				
	IPv4 Address	10.25.214.115				
	IPv6 Address	fe80::b193:9b9f:bfb1:80fe				
Haro	dware Address	AC:FD:CE:4D:59:09				
Supported Frequencies		2.4 GHz / 5 GHz				
	Default Route	10.25.0	.1			
	DNS	155.69.	3.7 155.69	.3.8 155.69.3.9		
Connect automatically						
Make available to other users						
Mete Software	Metered connection: has data limits or can incur charges Software updates and other large downloads will not be started automatically.					

Forget Connection