



geteduroam – eduroam Authentication

support@sifulan.my

eduroam and geteduroam

- **eduroam** is a wifi roaming service for research and education communities that provides a secure and seamless internet access across locations and devices.
- **geteduroam** is an application (app) for safe and easy eduroam setup on end users' devices.
- geteduroam is available for multiple operating systems such Android, Apple (iOS and macOS devices), Linux, and Windows.
- The credential generated by the geteduroam is valid for 180 days. You will need to repeat the same procedure before/when it is expired.

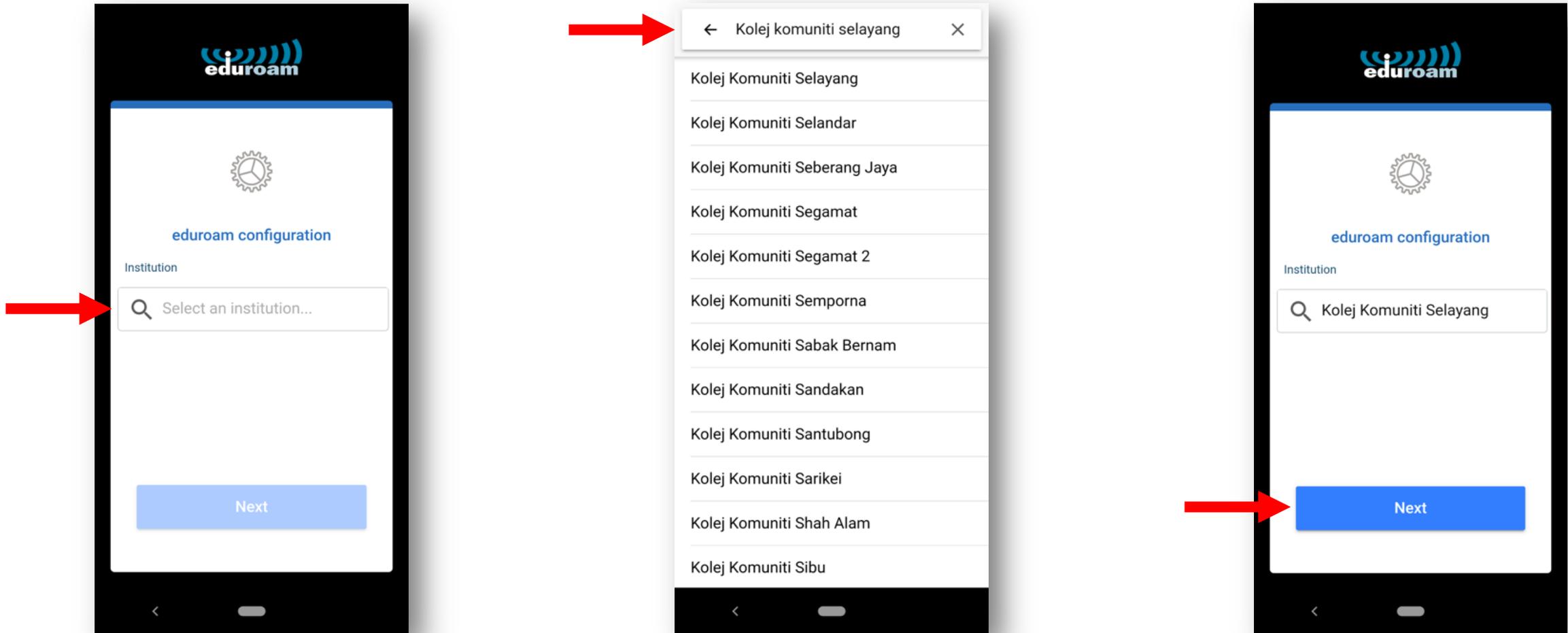
Android

eduroam setup via geteduroam on Android

1

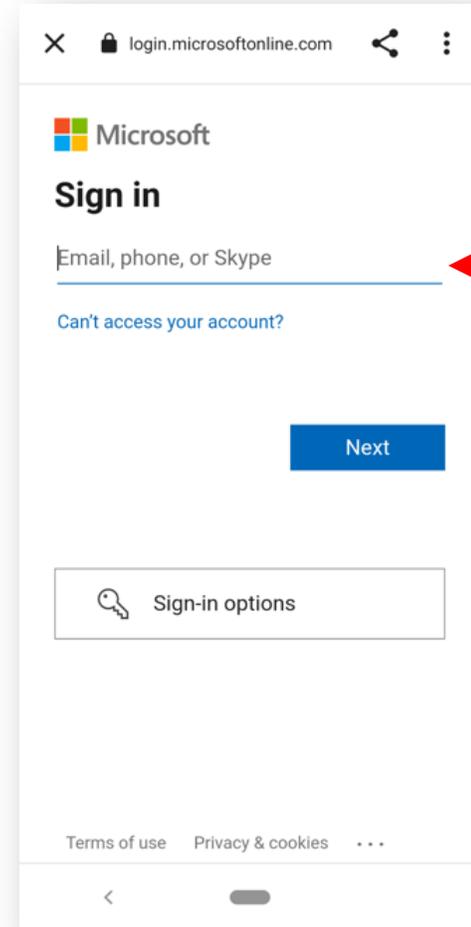
- Download and install the geteduroam app from Google Play or Huawei AppGallery.
- Specifically for HONOR phone, you need to download and install the geteduroam app version 1.0.16 from the APKPure (<https://apkpure.com/geteduroam/app.eduroam.geteduroam/download/1.0.16>).
 - You will need to give Chrome a temporary ability to install this app.

2 Open the geteduroam app, search for your organisation name, and then tap the “Next” button.



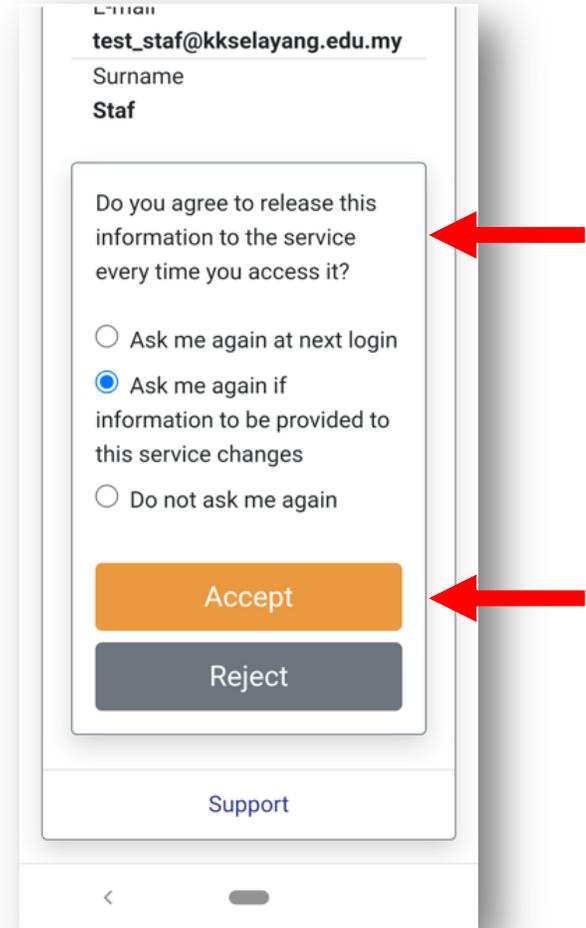
3

Sign in to your account by entering your login credentials (M635 email address and password).



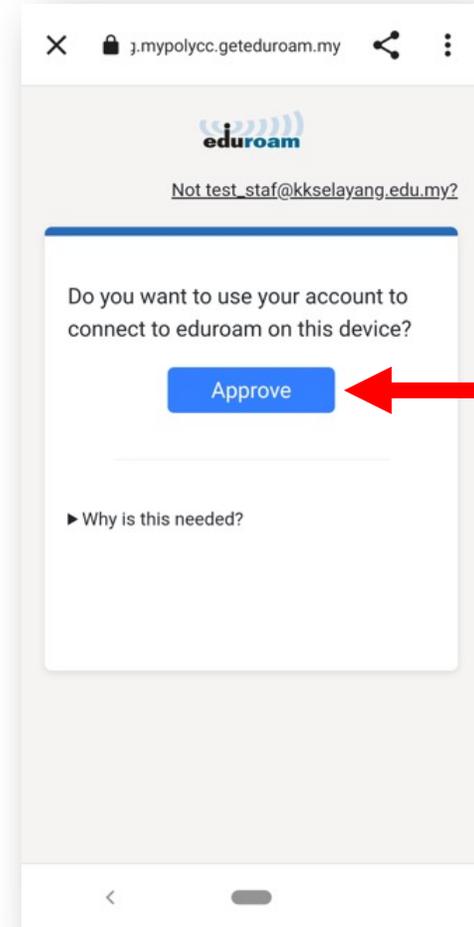
4

Select your preferred consent type and tap the “Accept” button.



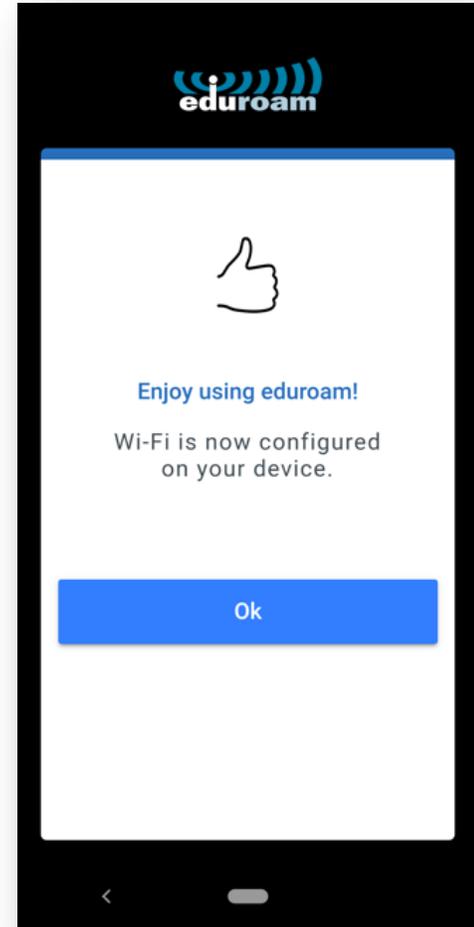
5

- In the geteduroam app, tap the “Approve” button to authorise the geteduroam app to use your account to connect to eduroam on your device.
- Tap the “Allow” button to allow geteduroam to add a Wi-Fi hotspot network in the network list.
- Tap the “Join” button to allow the geteduroam to join eduroam Wi-Fi network.



6

You will see the following page upon a successful configuration.



Windows 10/11

eduroam setup via geteduroam on Windows 10/11

1

Visit the eduroam CAT website (<https://cat.eduroam.org>) and click the “Click here to download your eduroam installer” button.

The screenshot shows the eduroam CAT website interface. At the top left is the eduroam logo and the text 'Configuration Assistant Tool'. The top right navigation menu includes 'Start page', 'About', 'Language', 'Help', 'Manage', and 'Terms of use'. The main content area features a banner with the text 'eduroam® installation made easy: Apple OS X 10.7+'. Below this, it states 'Custom built for your organisation' and 'Digitally signed by the organisation that coordinates eduroam®: GÉANT Association'. A central message reads 'Welcome to eduroam CAT' and 'Connect your device to eduroam®', followed by 'eduroam® provides access to thousands of Wi-Fi hotspots around the world, free of charge. [Learn more](#)'. A prominent blue button with the text 'Click here to download your eduroam® installer' is highlighted with a red arrow pointing to it from the left. The footer contains copyright information for eduroam CAT (Release CAT-2.1 © 2011-2020 GÉANT Association), a link to the eduroam® Privacy Notice, and logos for GÉANT and the European Commission.

2

Select or type to search for your organisation name by entering the name and selecting from the dropdown menu. e.g. Kolej Komuniti Selayang.

Organisation
Select your organisation

Kolej Komuniti Selayang
Malaysia

Kolej Komuniti Selayang

Help, my organisation is not on the list

Locate me more accurately using HTML5 Geo-Location

Show organisations in Malaysia show all countries

DiscoJuice © UNINETT

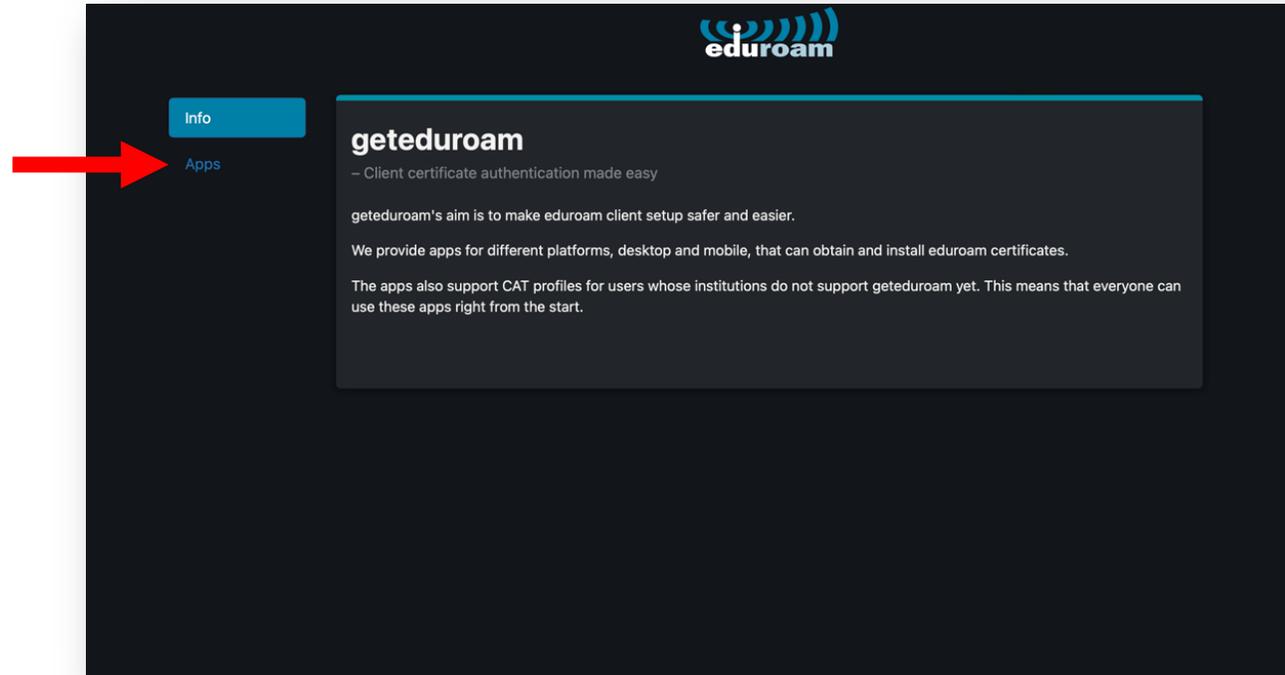
3

Click the “Continue” button to continue. You will be redirected to the geteduroam portal for your organisation.

The screenshot displays the eduroam Configuration Assistant Tool interface. At the top left is the eduroam logo and the text 'Configuration Assistant Tool'. A navigation menu includes 'Start page', 'About', 'Language', 'Help', 'Manage', and 'Terms of use'. The main header identifies the user as 'Kolej Komuniti Selayang' with a 'select another' link. The central message states: 'Your local administrator has specified a redirect to a local support page. When you click **Continue** this support page will be opened in a new window/tab.' A red arrow points to the 'Continue' button. Logos for 'KOLEJ KOMUNITI SELAYANG' and 'MYREN' are visible on the right. The footer contains copyright information for eduroam CAT (Release CAT-2.1 © 2011-2020 GÉANT Association) and logos for GÉANT and the European Commission.

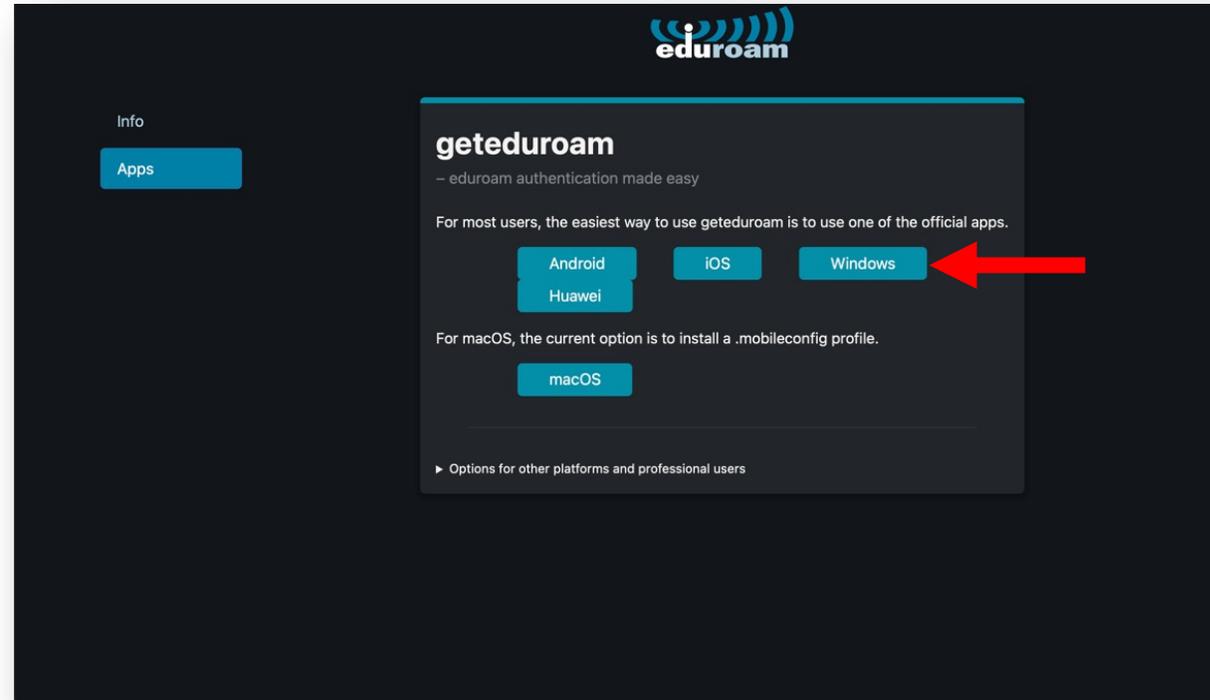
4

Click the “Apps” menu at the left side.



5

Click the “Windows” button.

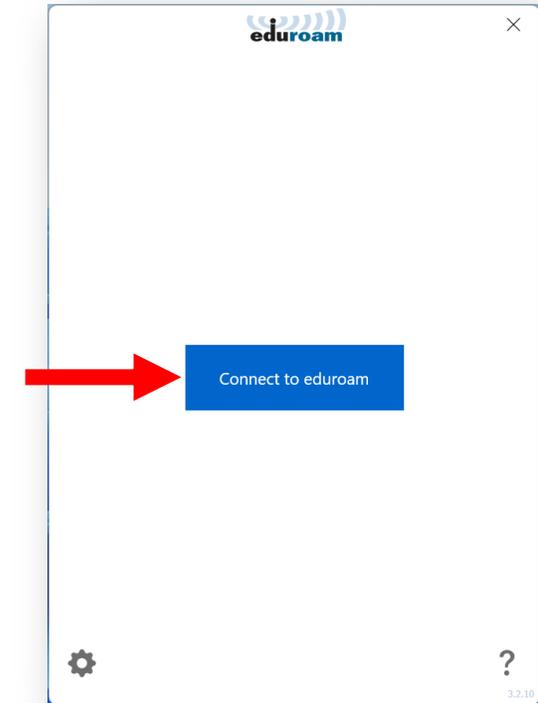


6

Save the “geteduroam” app for Windows in your local storage and open it.

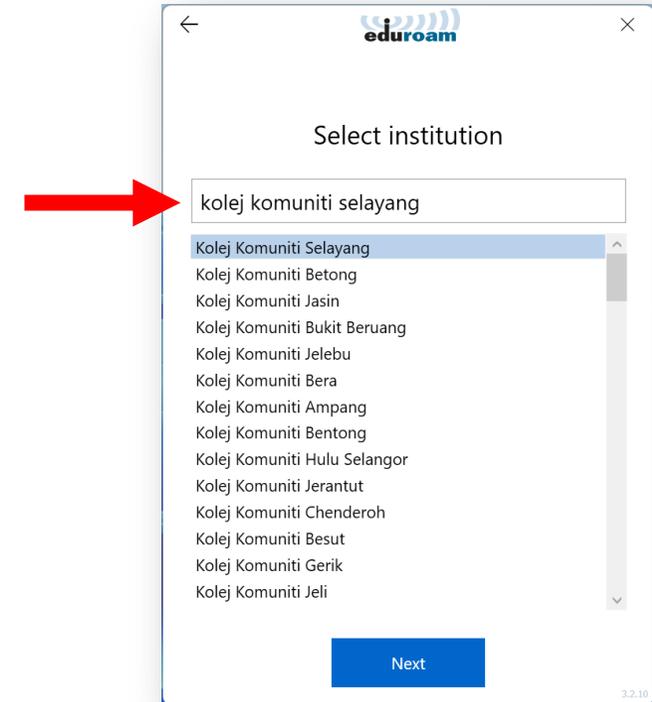
7

Click the “Connect to eduroam” button.



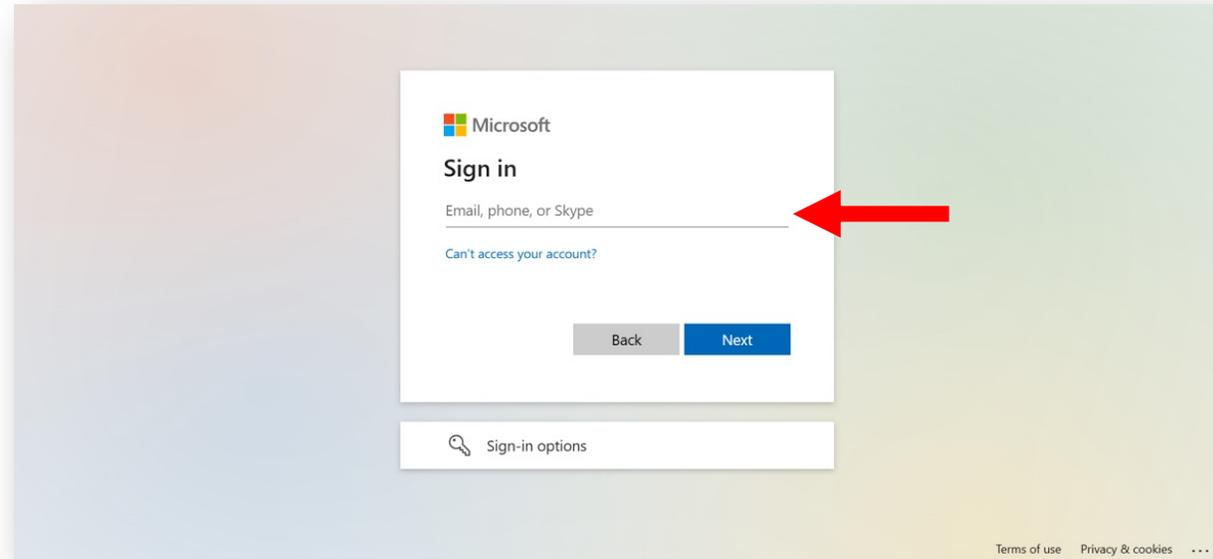
8

Search for your organisation name by entering the name and selecting from the dropdown menu. e.g. Kolej Komuniti Selayang. Then, click the “Next” button.



9

Sign in to your account by entering your login credentials (M635 email address and password).



10

Select your preferred consent type and click “Accept”.

eduPersonTargetedID	2WQ4HGNWAASN6FMSJQOTXRVGZ7DST C3D
Given name	Test
E-mail	test_staf@kkselayang.edu.my
Surname	Staf

Do you agree to release this information to the service every time you access it?

Ask me again at next login

Ask me again if information to be provided to this service changes

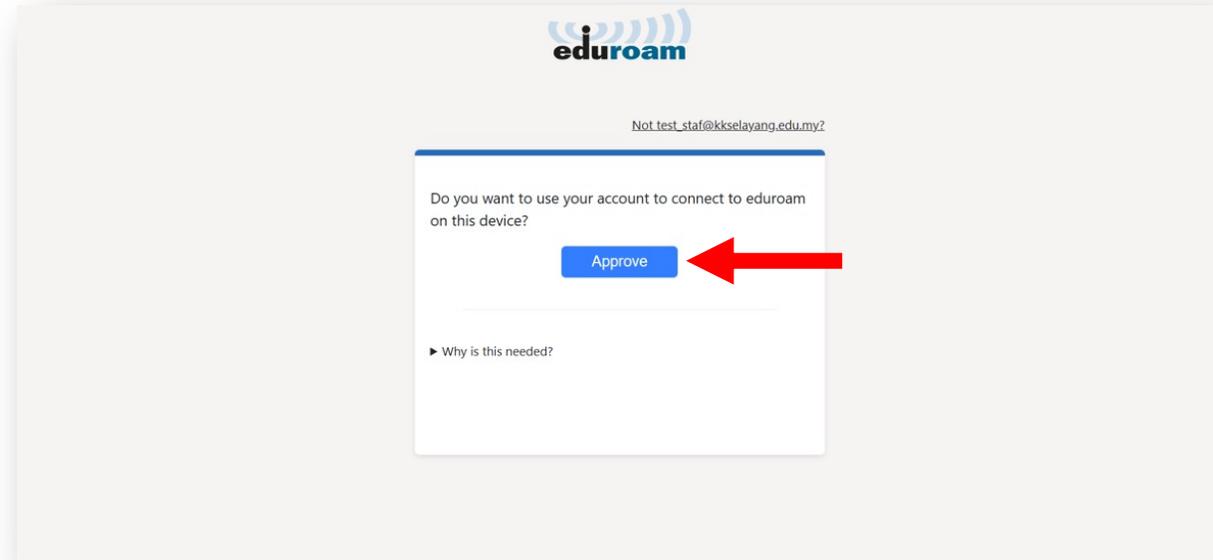
Do not ask me again

Support



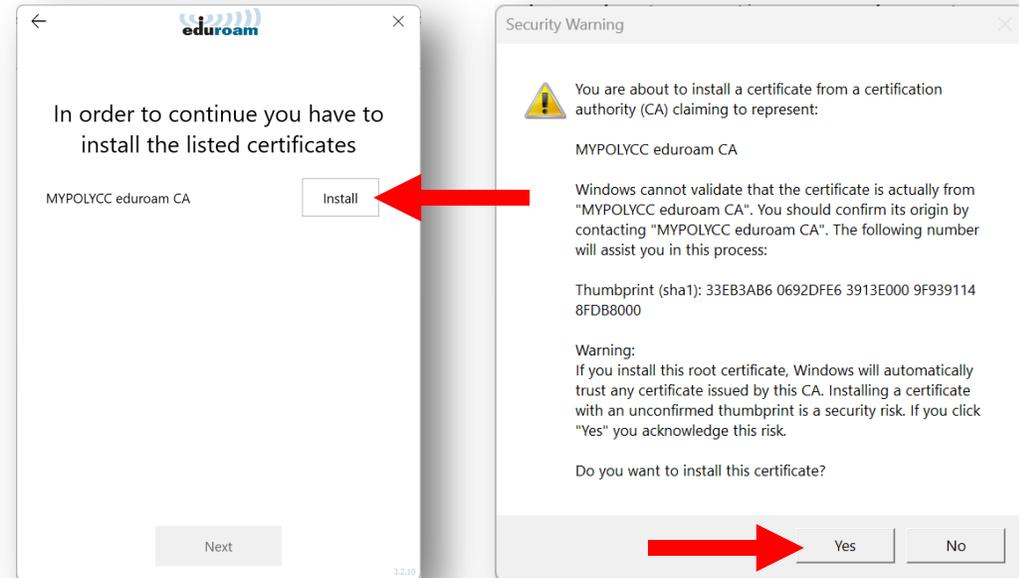
11

In the geteduroam app, click “Approve” to use your account to connect to eduroam on your device.



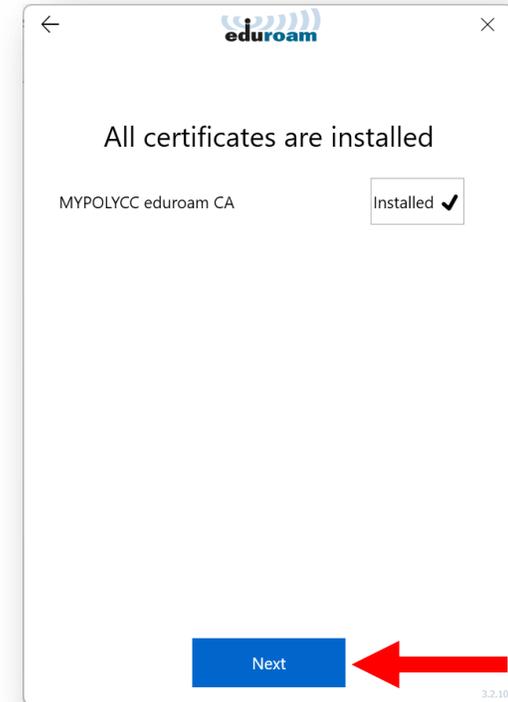
12

Click “Install” to install the eduroam certificate. Then, click “Yes” in the Security Warning Window.



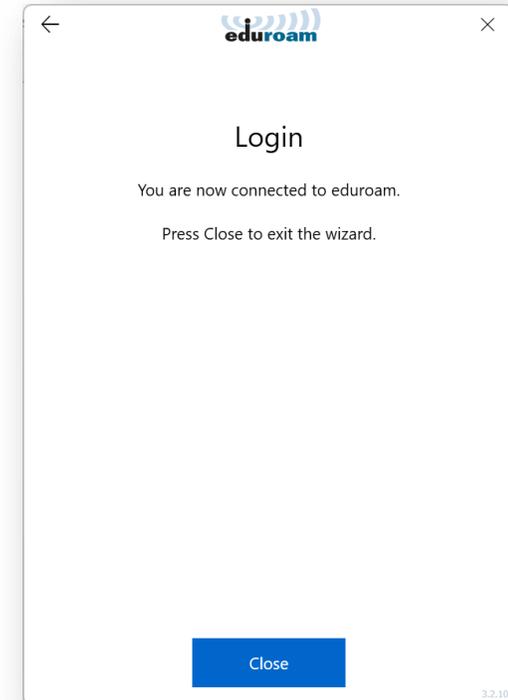
13

Click “Next” after all certificates are installed.



14

You will see the following page upon a successful connection to eduroam.

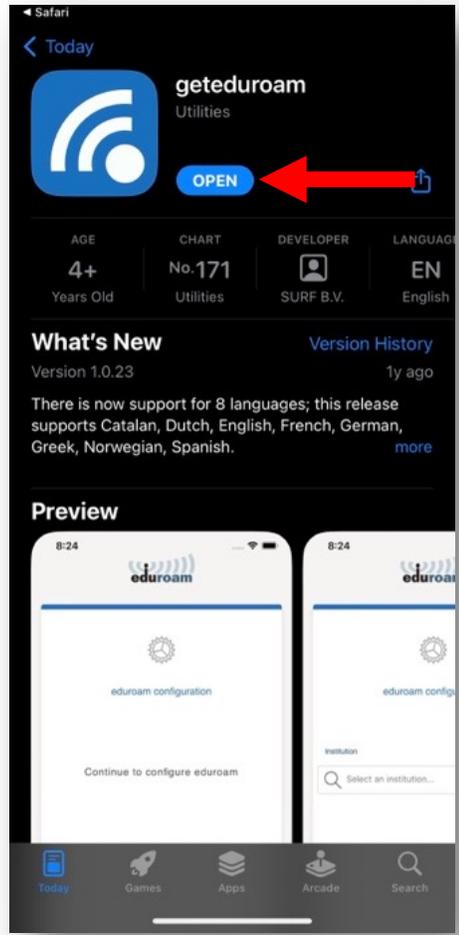
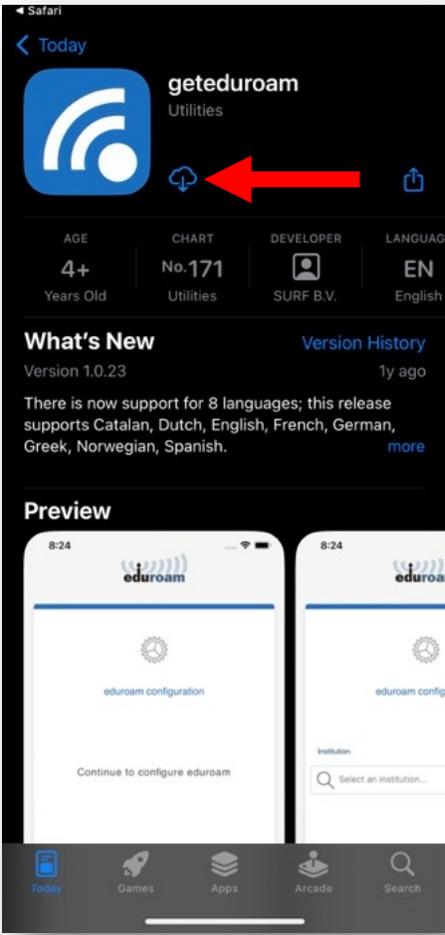


Apple Devices

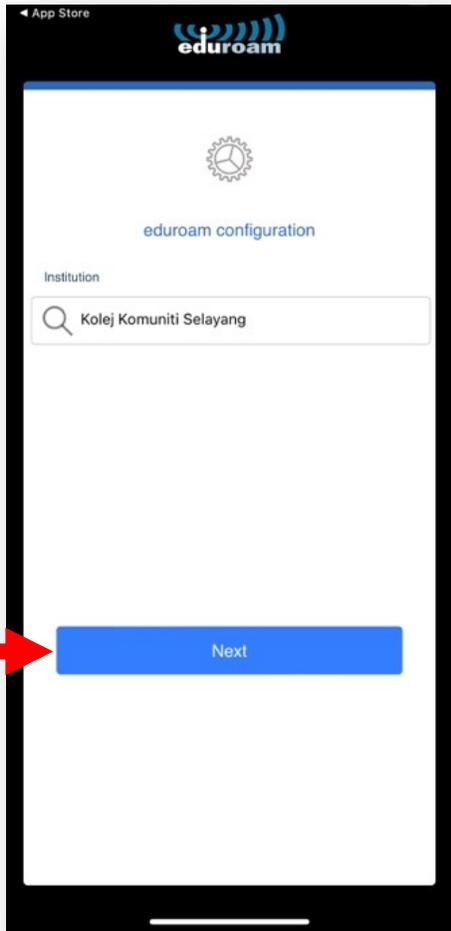
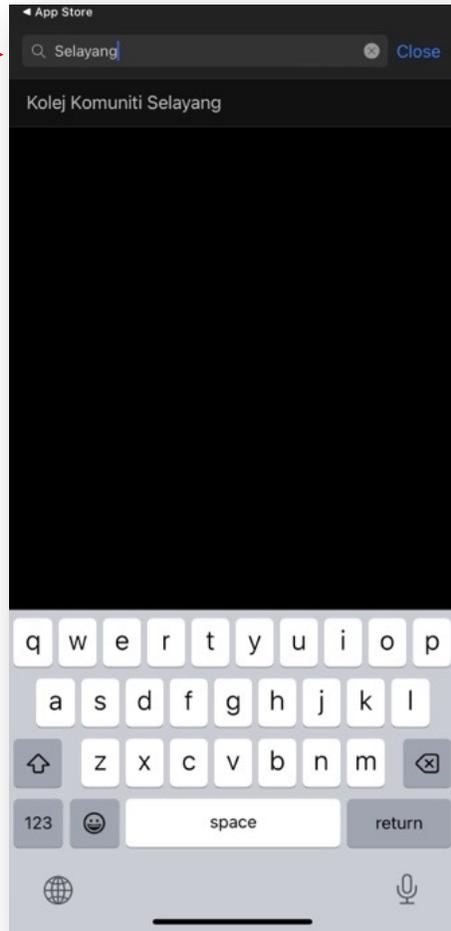
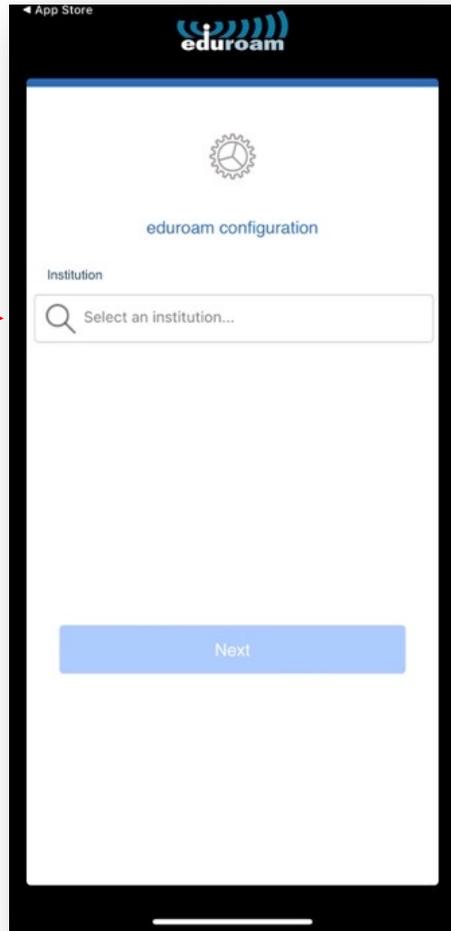
eduroam setup via geteduroam on Apple Devices

1

Download and install the geteduroam app from Apple App Store.

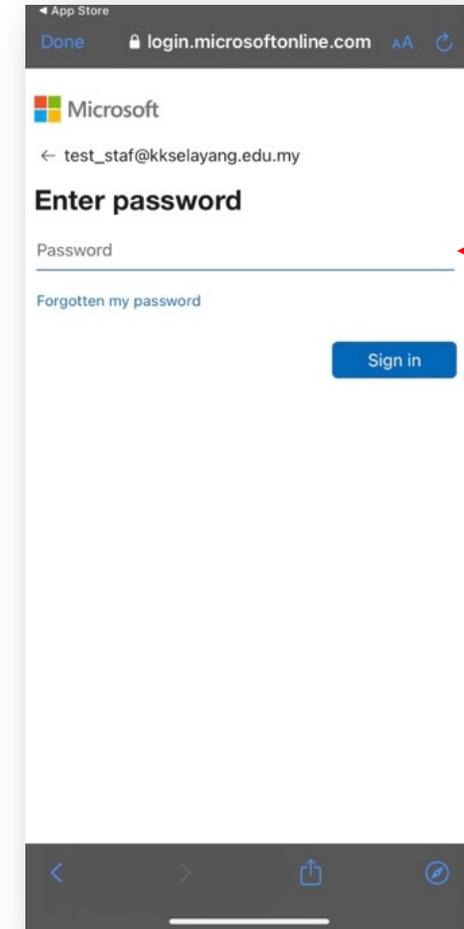
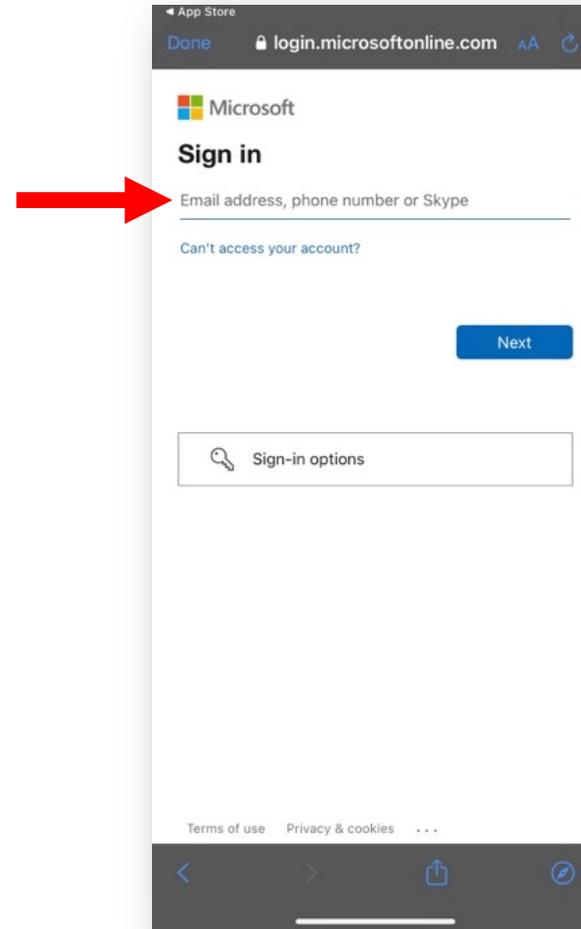


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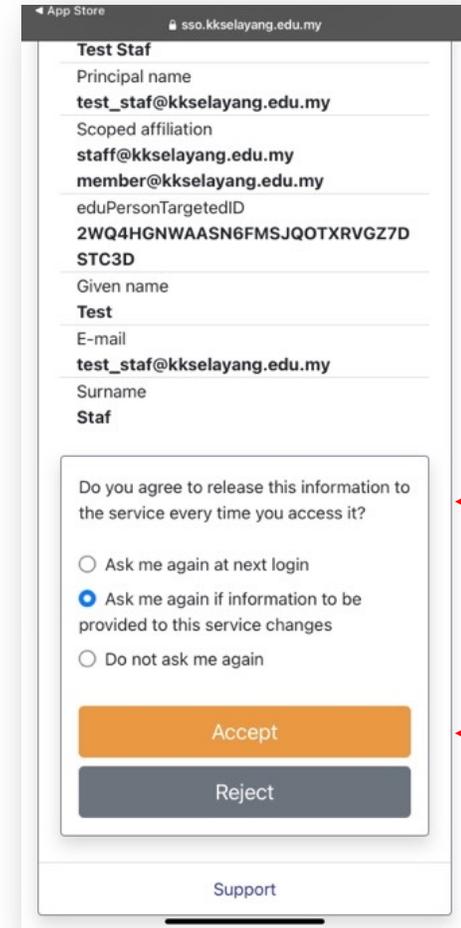
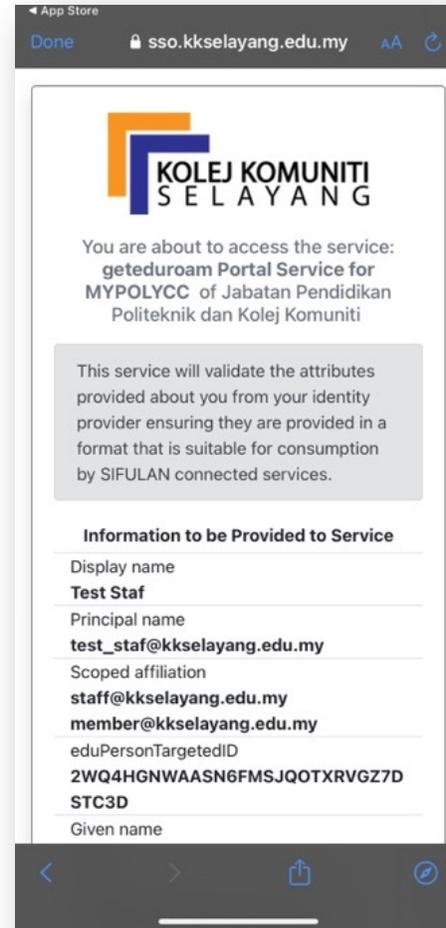
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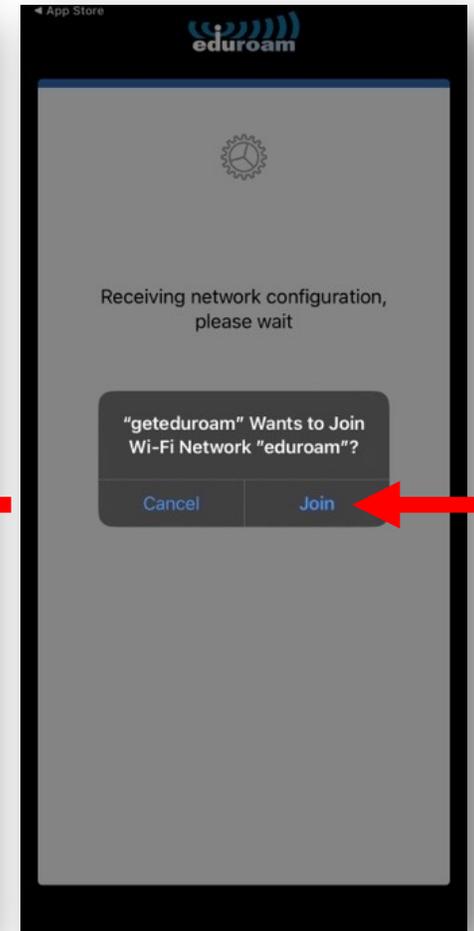
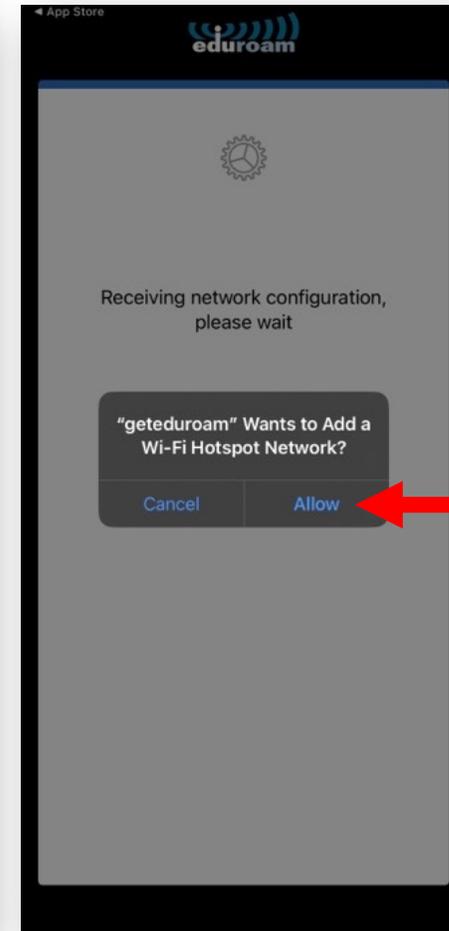
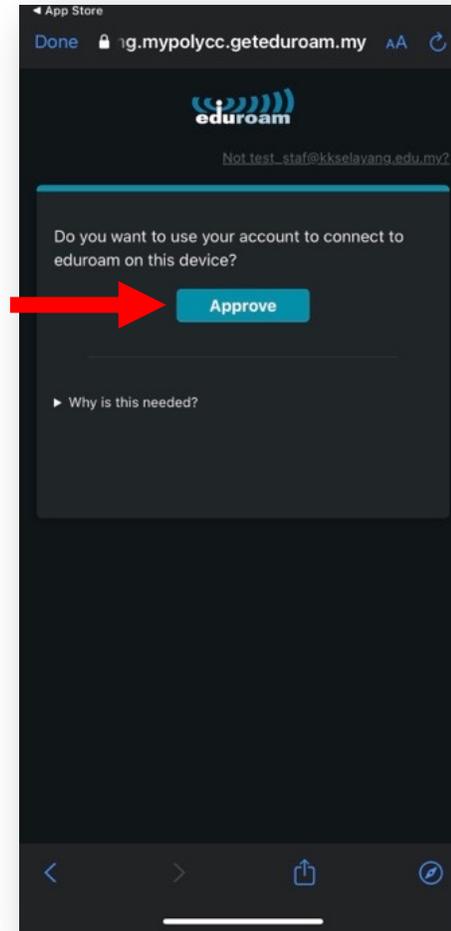
4

Select your preferred consent type and tap the “Accept” button.



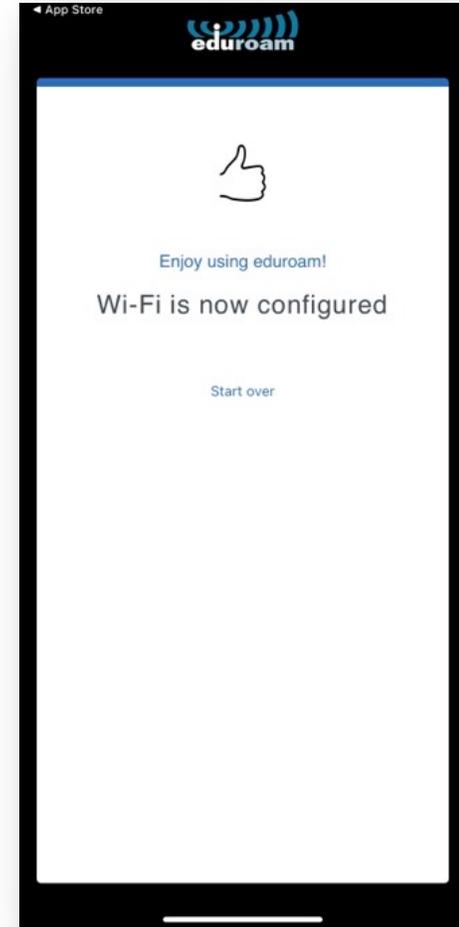
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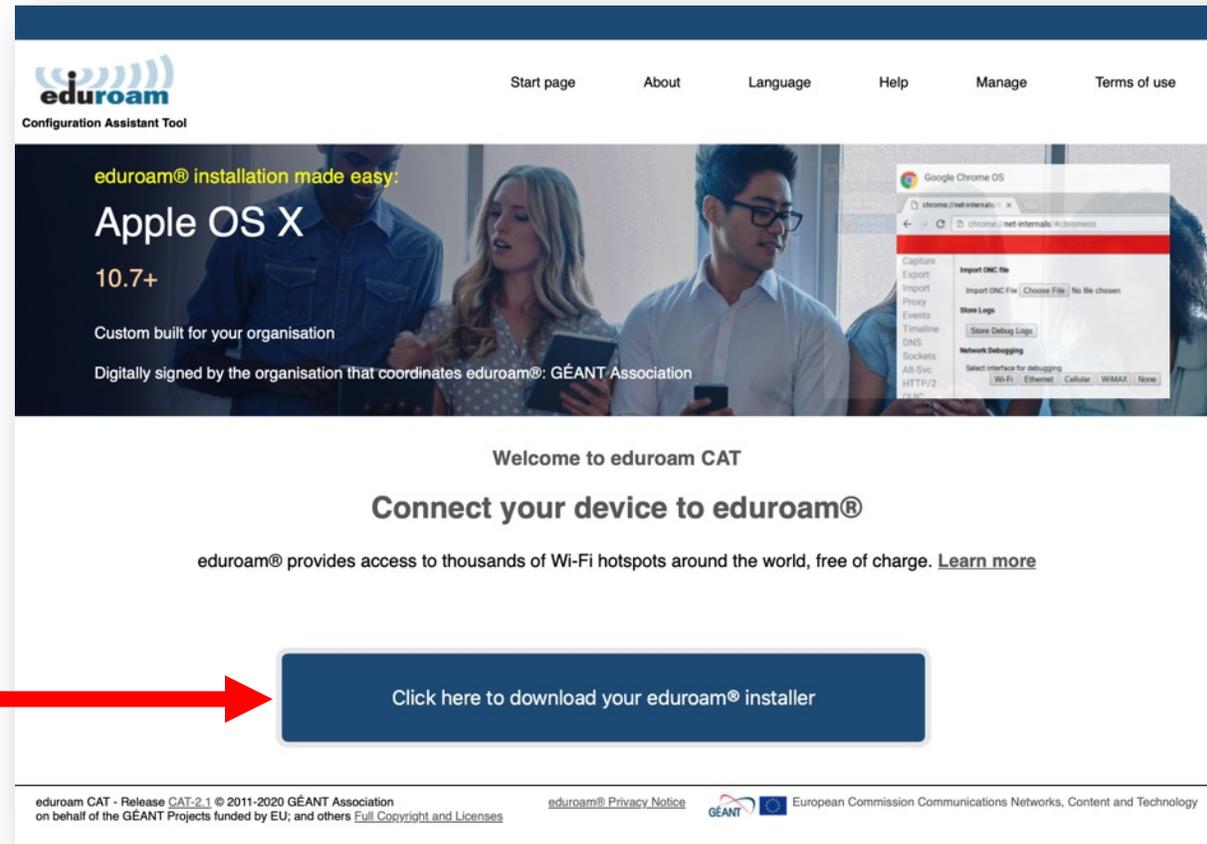
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You will see the following page upon a successful configuration.



1

Visit the eduroam CAT website (<https://cat.eduroam.org>) and click the “Click here to download your eduroam installer” button.



The screenshot shows the eduroam CAT website interface. At the top, there is a navigation bar with links for Start page, About, Language, Help, Manage, and Terms of use. The main content area features a banner with the text "eduroam® installation made easy: Apple OS X 10.7+ Custom built for your organisation Digitally signed by the organisation that coordinates eduroam®: GÉANT Association". Below the banner, there is a section titled "Welcome to eduroam CAT" with the heading "Connect your device to eduroam®" and a sub-heading "eduroam® provides access to thousands of Wi-Fi hotspots around the world, free of charge. [Learn more](#)". A prominent blue button with the text "Click here to download your eduroam® installer" is located at the bottom of the main content area, with a red arrow pointing to it from the left. The footer contains copyright information for eduroam CAT - Release CAT-2.1 © 2011-2020 GÉANT Association, a link to the eduroam® Privacy Notice, and logos for GÉANT and the European Commission Communications Networks, Content and Technology.

2

Select or type to search for your organisation name by entering the name and selecting from the dropdown menu. e.g. Kolej Komuniti Selayang.

Organisation
Select your organisation

Kolej Komuniti Selayang
Malaysia

KOLEJ KOMUNITI SELAYANG

Qv Kolej Komuniti Selayang

▶ Help, my organisation is not on the list

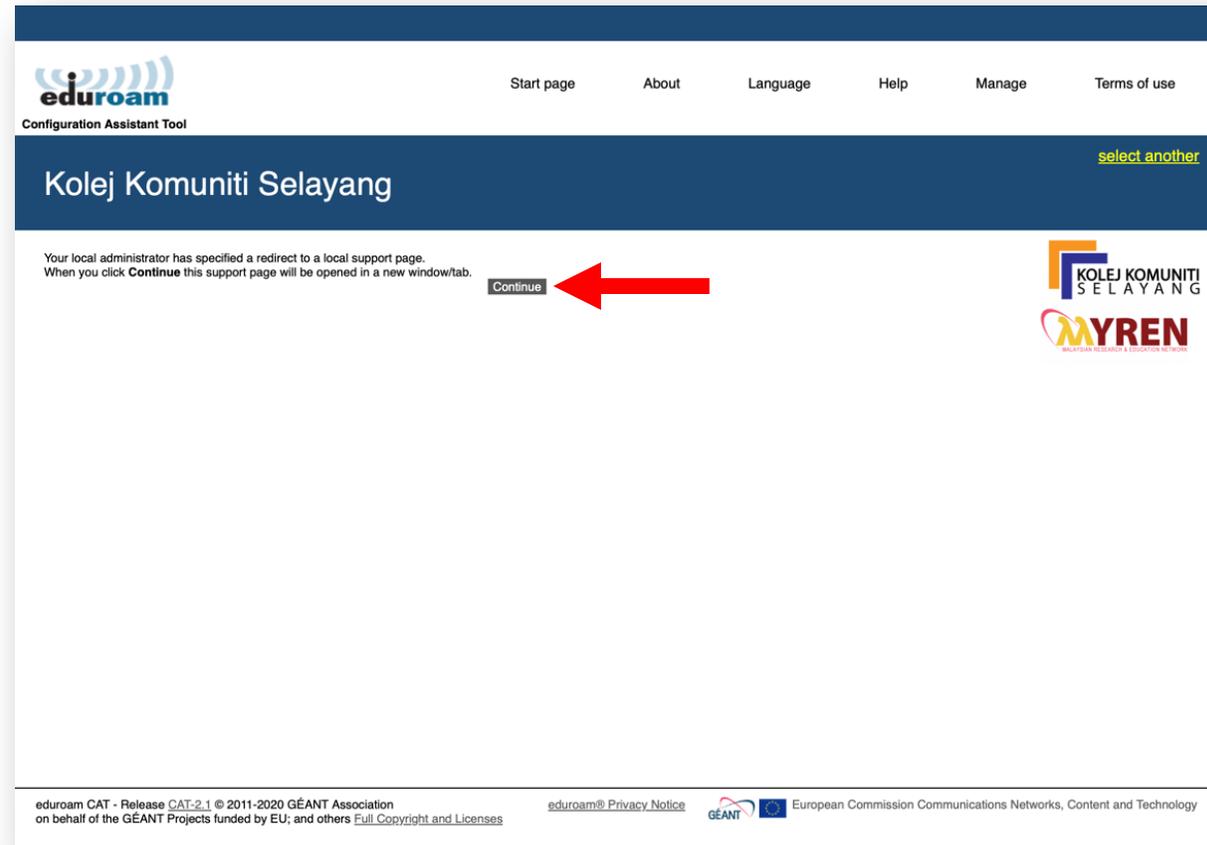
Locate me more accurately using HTML5 Geo-Location

Show organisations in Malaysia show all countries

DiscoJuice © UNINETT

3

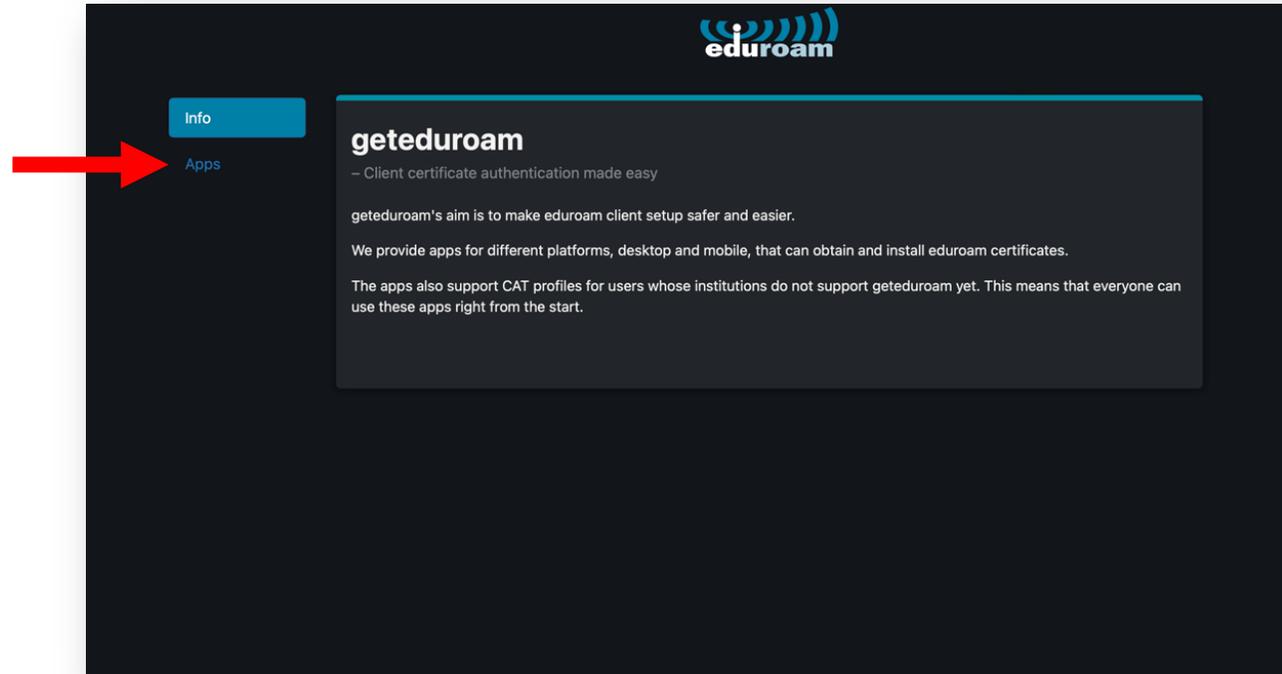
Click the “Continue” button to continue. You will be redirected to the geteduroam portal for your organisation.



The screenshot displays the eduroam Configuration Assistant Tool interface. At the top left is the eduroam logo and the text "Configuration Assistant Tool". A navigation menu includes "Start page", "About", "Language", "Help", "Manage", and "Terms of use". The main header area shows "Kolej Komuniti Selayang" and a "select another" link. Below this, a message states: "Your local administrator has specified a redirect to a local support page. When you click **Continue** this support page will be opened in a new window/tab." A red arrow points to the "Continue" button. On the right side, there are logos for "KOLEJ KOMUNITI SELAYANG" and "MYREN". The footer contains copyright information for eduroam CAT, a privacy notice link, and logos for GEANT and the European Commission.

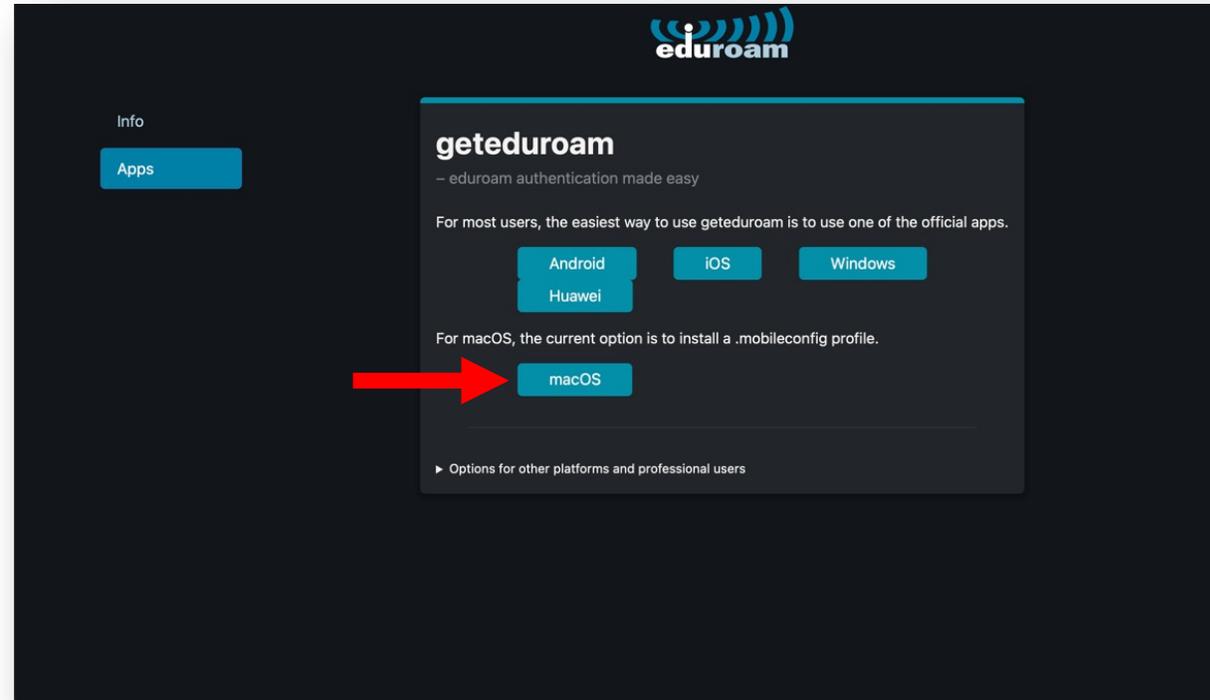
4

Click the “Apps” menu at the left side.



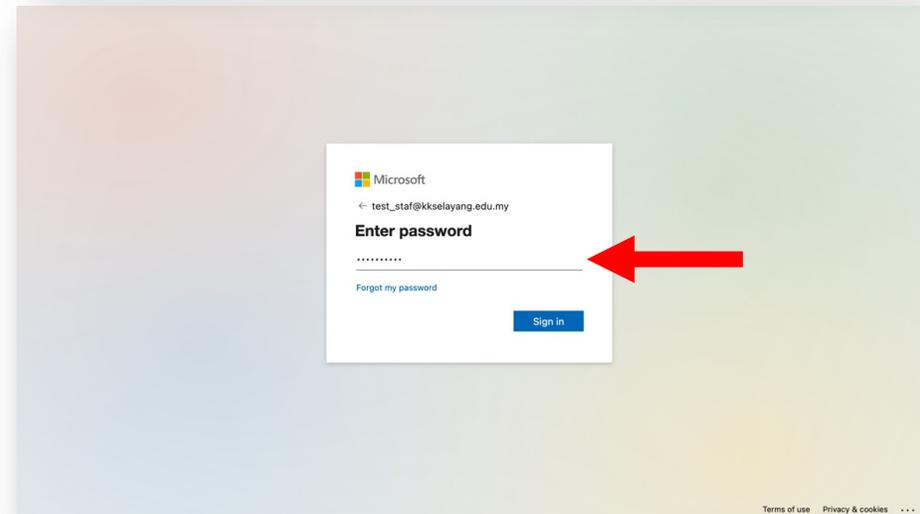
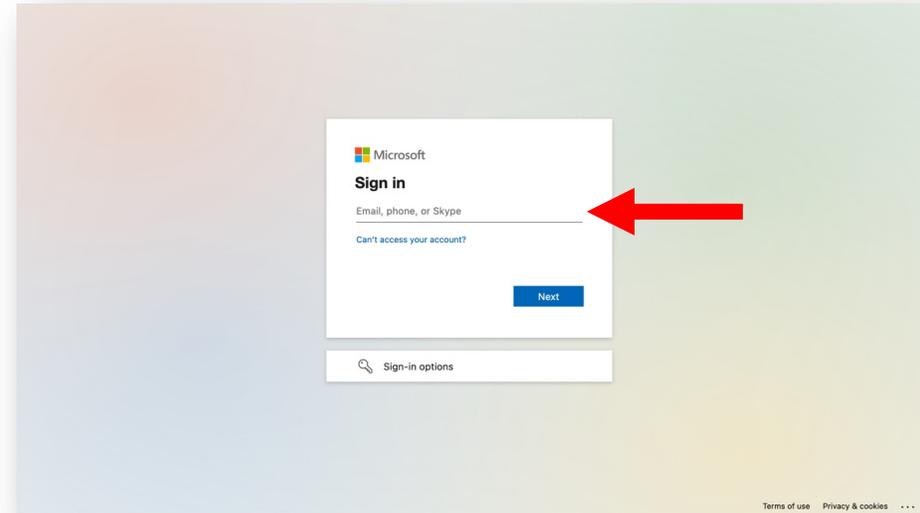
5

Click the “macOS” button.



6

Sign in to your account by entering your login credentials (M635 email address and password).



7

Select your preferred consent type and click the “Accept” button.

KOLEJ KOMUNITI SELAYANG

You are about to access the service:
geteduroam of eduroam Malaysia

This service will validate the attributes provided about you from your identity provider ensuring they are provided in a format that is suitable for consumption by SIFULAN connected services.

Information to be Provided to Service

Display name	Test Staf
Affiliation	member staff
Principal name	test_staf@kkselayang.edu.my
Scoped affiliation	staff@kkselayang.edu.my member@kkselayang.edu.my
eduPersonTargetedID	TILBADSPW6LJBMPIB3I7HPQBMQZ5U
Given name	XLX
E-mail	test_staf@kkselayang.edu.my
Surname	Staf

Do you agree to release this information to the service every time you access it?

Ask me again at next login

Ask me again if information to be provided to this service changes

Do not ask me again

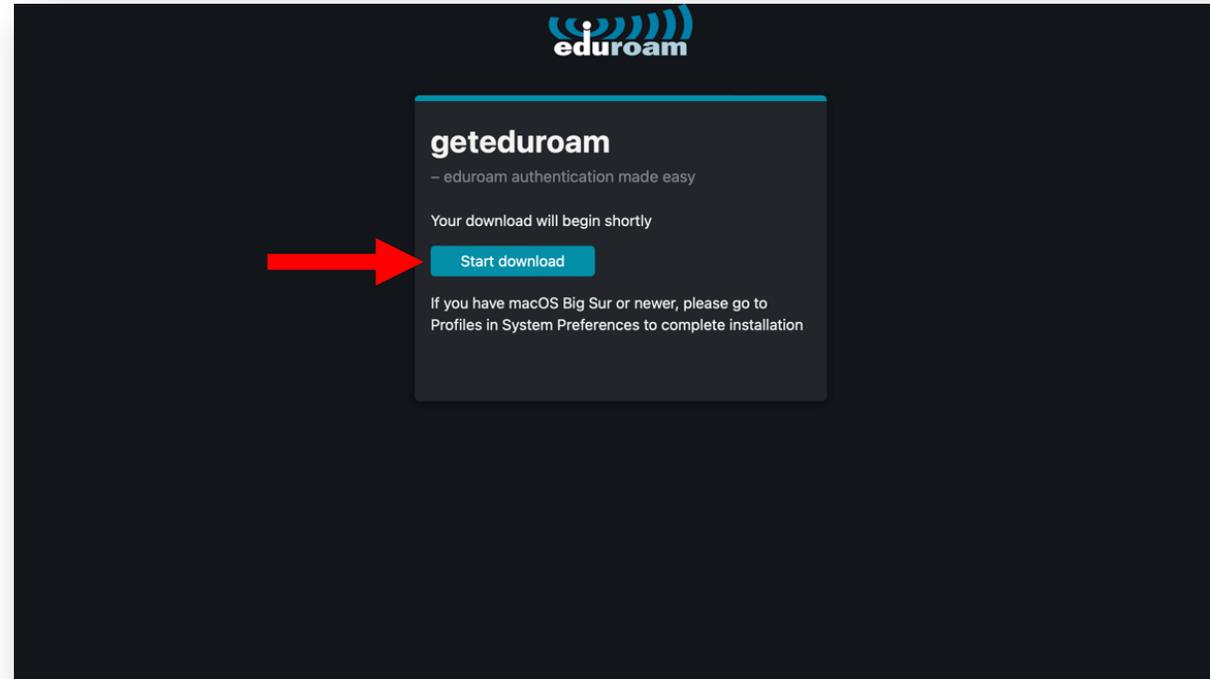
Accept

Reject

Support

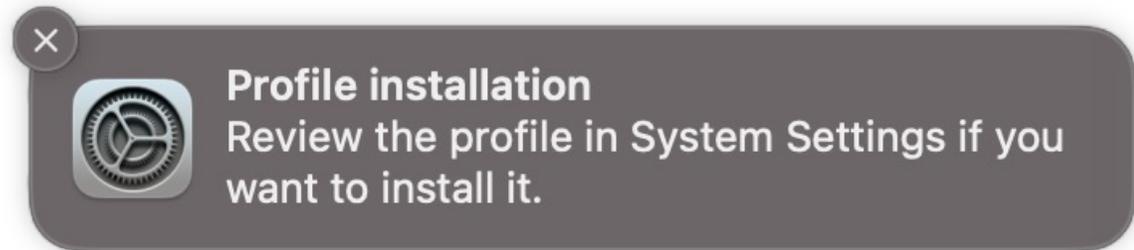
8

You will be asked to save the generated “.mobileconfig” file. If you miss it, you can click the “Start download” button to download the generated “.mobileconfig” file.



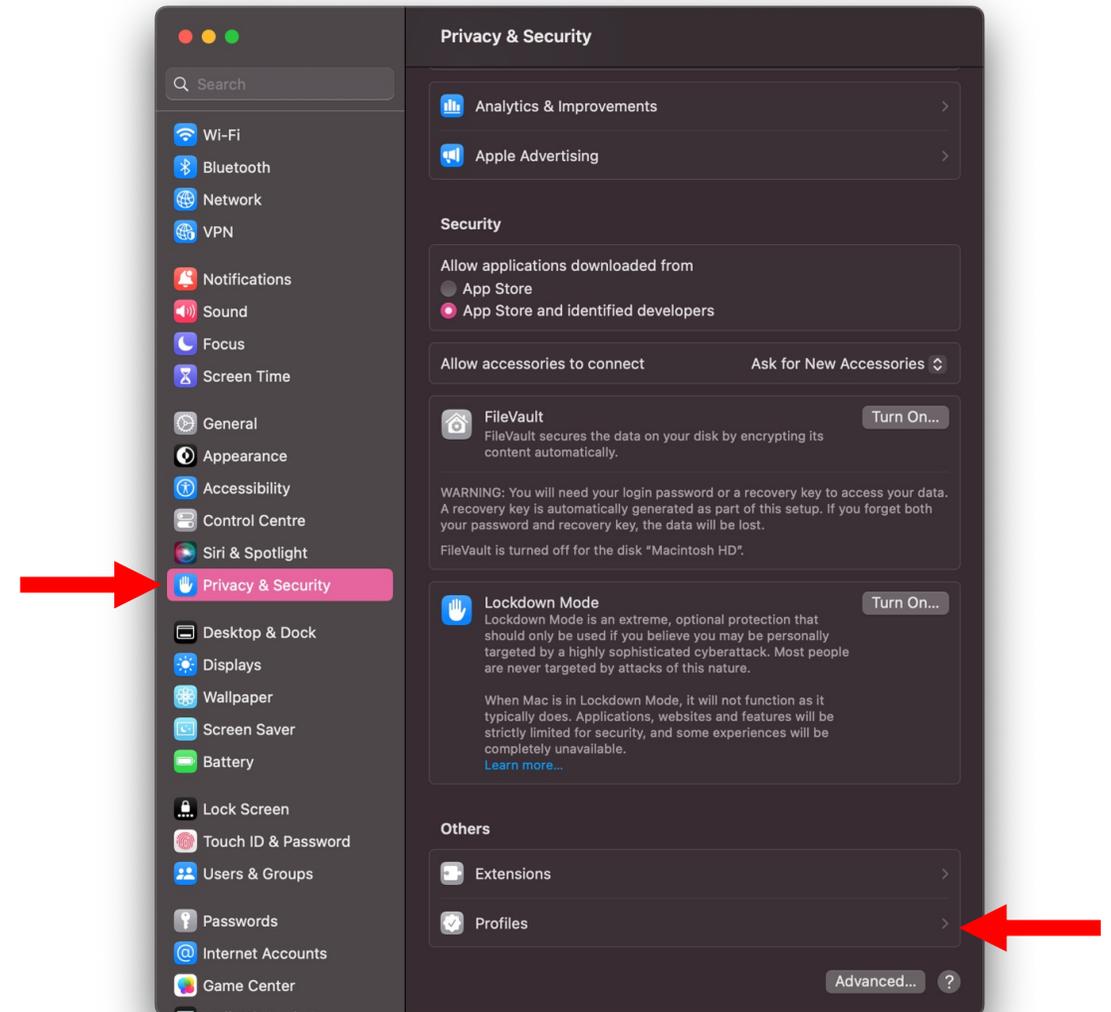
9

Double click the downloaded “.mobileconfig” file. A profile installation message will pop-up on your screen, asking you to review and install the profile.



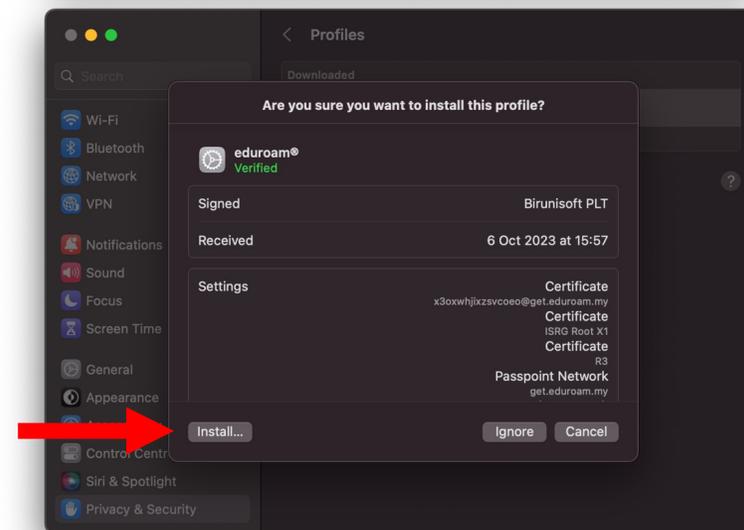
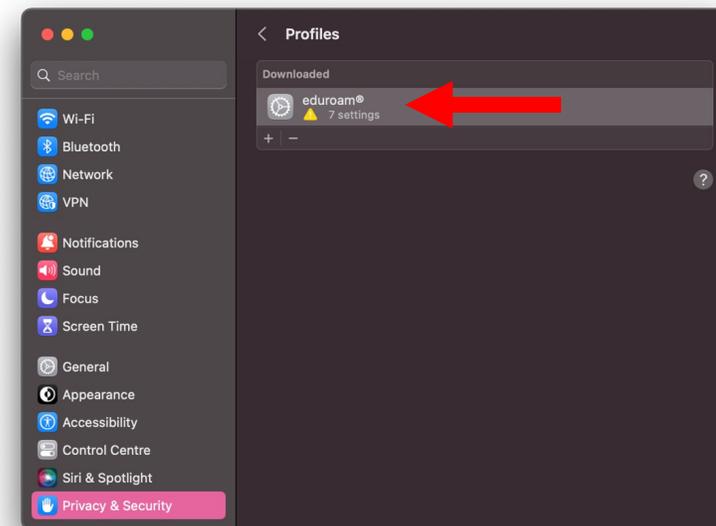
10

Go to “System Settings” ->
“Privacy & Security” ->
“Others” -> “Profiles”.



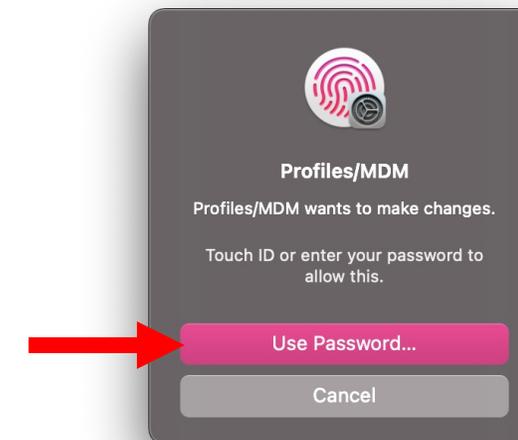
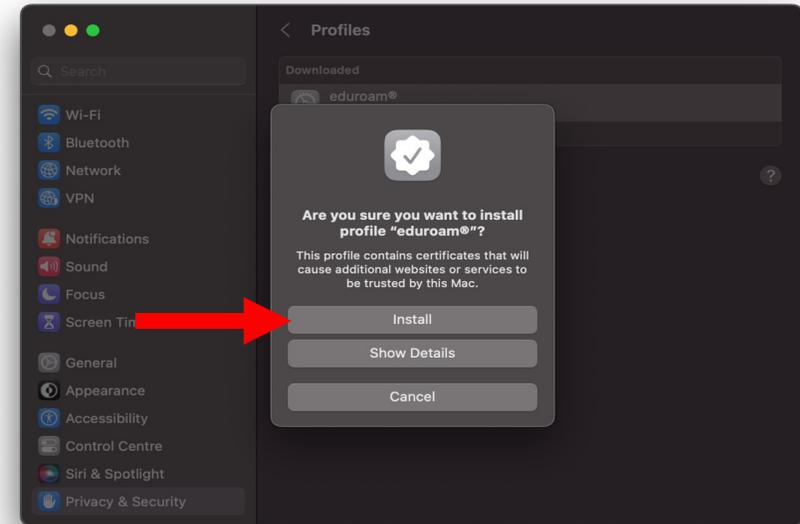
11

Double click the “eduroam” profile and click the “install...” button.



11 Cont...

Click the “install...” button.
Then, use Touch ID or enter
your password to allow the
installation.



12

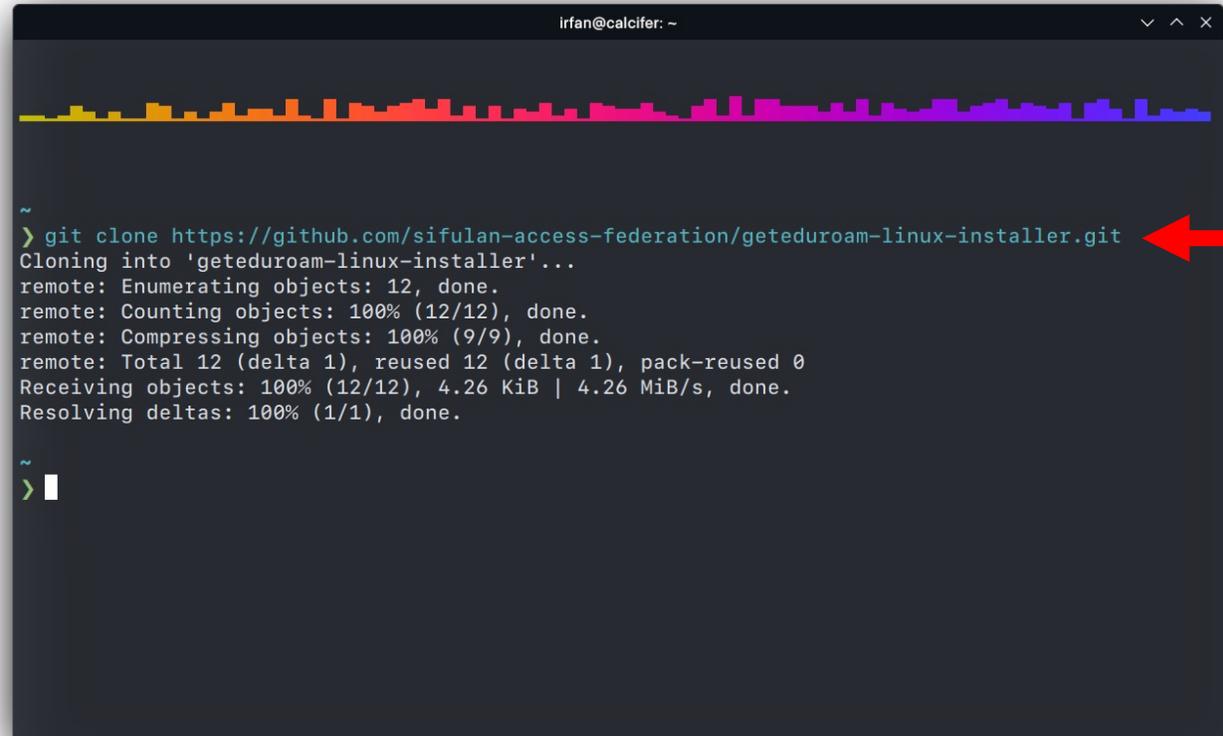
Once the profile is successfully imported, you should be able to connect to the eduroam Wi-Fi network.

Linux

eduroam setup via geteduroam on Linux

1

Open the Terminal app, after that enter the following command: “git clone https://github.com/sifulan-access-federation/geteduroam-linux-installer.git”, to download the geteduroam Linux installer.



```
irfan@calcifer: ~  
~  
> git clone https://github.com/sifulan-access-federation/geteduroam-linux-installer.git  
Cloning into 'geteduroam-linux-installer'...  
remote: Enumerating objects: 12, done.  
remote: Counting objects: 100% (12/12), done.  
remote: Compressing objects: 100% (9/9), done.  
remote: Total 12 (delta 1), reused 12 (delta 1), pack-reused 0  
Receiving objects: 100% (12/12), 4.26 KiB | 4.26 MiB/s, done.  
Resolving deltas: 100% (1/1), done.  
~  
> |
```

2

After the download is finished, enter the directory of the installer using the following command: “cd geteduroam-linux-installer”.



```
irfan@calcifer: ~/geteduroam-linux-installer

~
> git clone https://github.com/sifulan-access-federation/geteduroam-linux-installer.git
Cloning into 'geteduroam-linux-installer'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (9/9), done.
remote: Total 12 (delta 1), reused 12 (delta 1), pack-reused 0
Receiving objects: 100% (12/12), 4.26 KiB | 4.26 MiB/s, done.
Resolving deltas: 100% (1/1), done.

~
> cd geteduroam-linux-installer/

geteduroam-linux-installer on ̣ master
> |
```

3

Run the installer by using the following command: “`./install.sh`”. You may be prompted to enter your **sudo** password in the process. This step is only required for the initial installation.



```
irfan@calcifer: ~/geteduroam-linux-installer

~
> git clone https://github.com/sifulan-access-federation/geteduroam-linux-installer.git
Cloning into 'geteduroam-linux-installer'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (9/9), done.
remote: Total 12 (delta 1), reused 12 (delta 1), pack-reused 0
Receiving objects: 100% (12/12), 4.26 KiB | 4.26 MiB/s, done.
Resolving deltas: 100% (1/1), done.

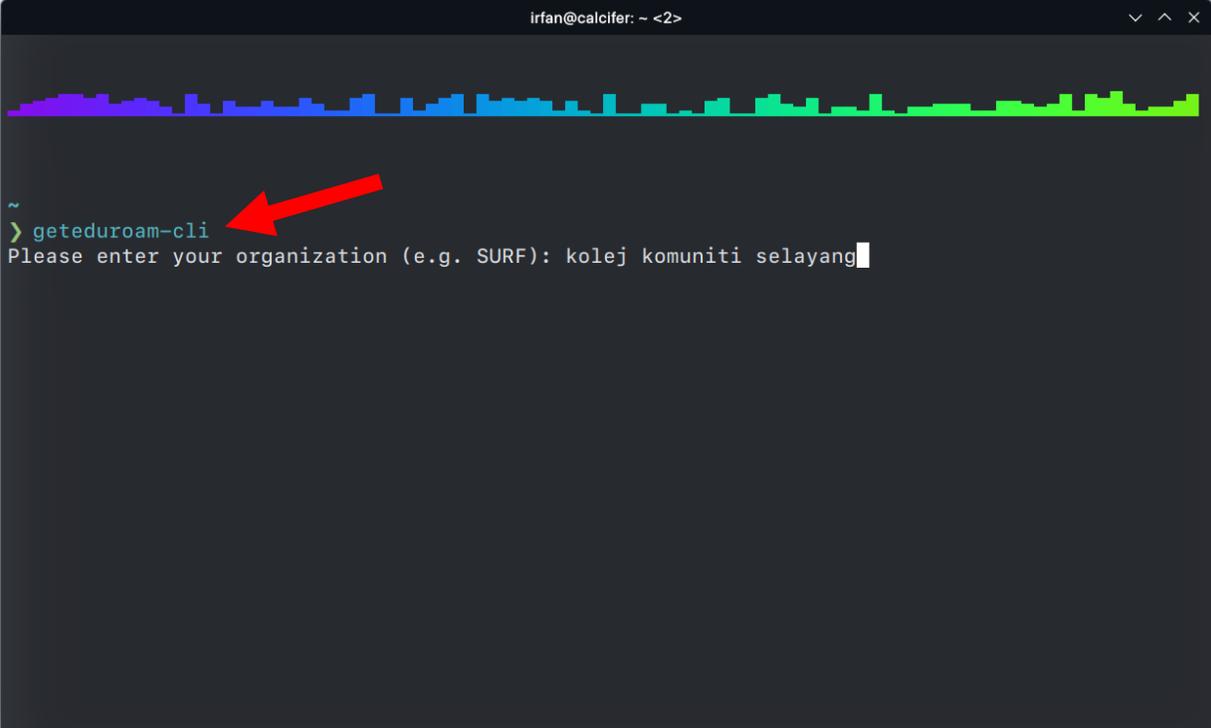
~
> cd geteduroam-linux-installer/

geteduroam-linux-installer on  master
> ./install.sh
Installing geteduroam to /usr/local/bin
[sudo] password for irfan:

geteduroam-linux-installer on  master took 5s
> |
```

4

Once it's done installing, you can run the application from anywhere inside the Terminal using the command, "geteduroam-cli". When prompted to enter your organisation, type and enter the name of your organisation (e.g. "kolej komuniti selayang").

A terminal window titled 'irfan@calcifer: ~ <2>' with a colorful bar at the top. The terminal shows the command 'geteduroam-cli' being entered, followed by the prompt 'Please enter your organization (e.g. SURF):' and the input 'kolej komuniti selayang'. A red arrow points to the command.

```
~  
> geteduroam-cli  
Please enter your organization (e.g. SURF): kolej komuniti selayang
```

5

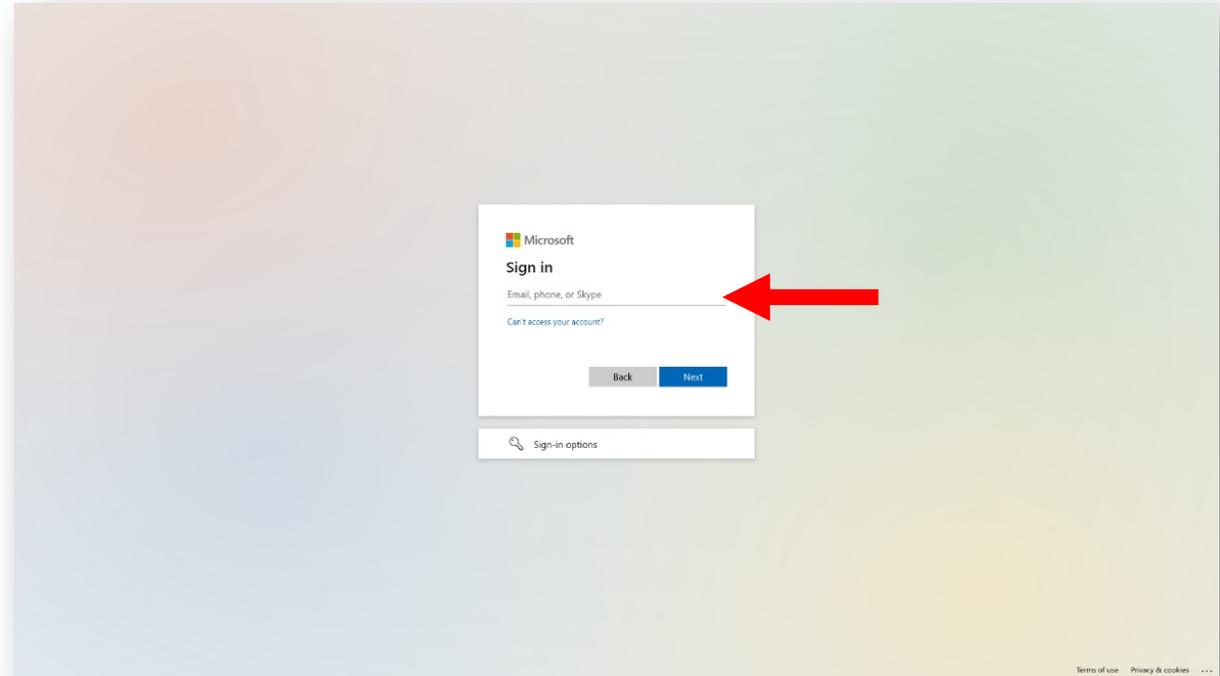
- Be precise with the organisation name you provide to find a smaller number of matches.
- Your search results will be listed – list of institution(s) with their corresponding number.
- When prompted to enter a choice for the organisation, confirm your selection by entering the number assigned to your organisation.

```
irfan@calcifer: ~ <2>
Kolej Komuniti Bukit Mertajam
Kolej Komuniti Bukit Beruang
Kolej Komuniti Betong
Kolej Komuniti Besut
Kolej Komuniti Bera
Kolej Komuniti Bentong
Kolej Komuniti Beaufort
Kolej Komuniti Bayan Baru
Kolej Komuniti Batu Pahat
Kolej Komuniti Batu Gajah
Kolej Komuniti Bandar Tenggara
Kolej Komuniti Bandar Penawar
Kolej Komuniti Bandar Darul Aman
Kolej Komuniti Bandar Baharu
Kolej Komuniti Baling
Kolej Komuniti Bagan Serai
Kolej Komuniti Bagan Datuk
Kolej Komuniti Arau
Kolej Komuniti Ampang
Jabatan Pendidikan Politeknik Dan Kolej Komuniti

List is long...
Please refine your search:
Found the following matches:
[1] Kolej Komuniti Selayang
Please enter a choice for the organisation: 1
```

6

The geteduroam app will open the default web browser and ask you to perform authentication. Enter your organisation credentials (M635 email address and password) and proceed to login accordingly.



7

Select your preferred consent type and click the “Accept” button.

KOLEJ KOMUNITI SELAYANG

You are about to access the service:
geteduroam Portal Service for MYPOLYCC of Jabatan Pendidikan Politeknik dan Kolej Komuniti

This service will validate the attributes provided about you from your identity provider ensuring they are provided in a format that is suitable for consumption by SIFULAN connected services.

Information to be Provided to Service

Display name	Test Staf
Principal name	test_staf@kkselayang.edu.my
Scoped affiliation	staff@kkselayang.edu.my
	member@kkselayang.edu.my
eduPersonTargetedID	2WQ4HGNWAASN6FMSJQTXRVGZ7DST C3D
Given name	Test
E mail	test_staf@kkselayang.edu.my
Surname	Staf

Do you agree to release this information to the service every time you access it?

Ask me again at next login

Ask me again if information to be provided to this service changes

Do not ask me again

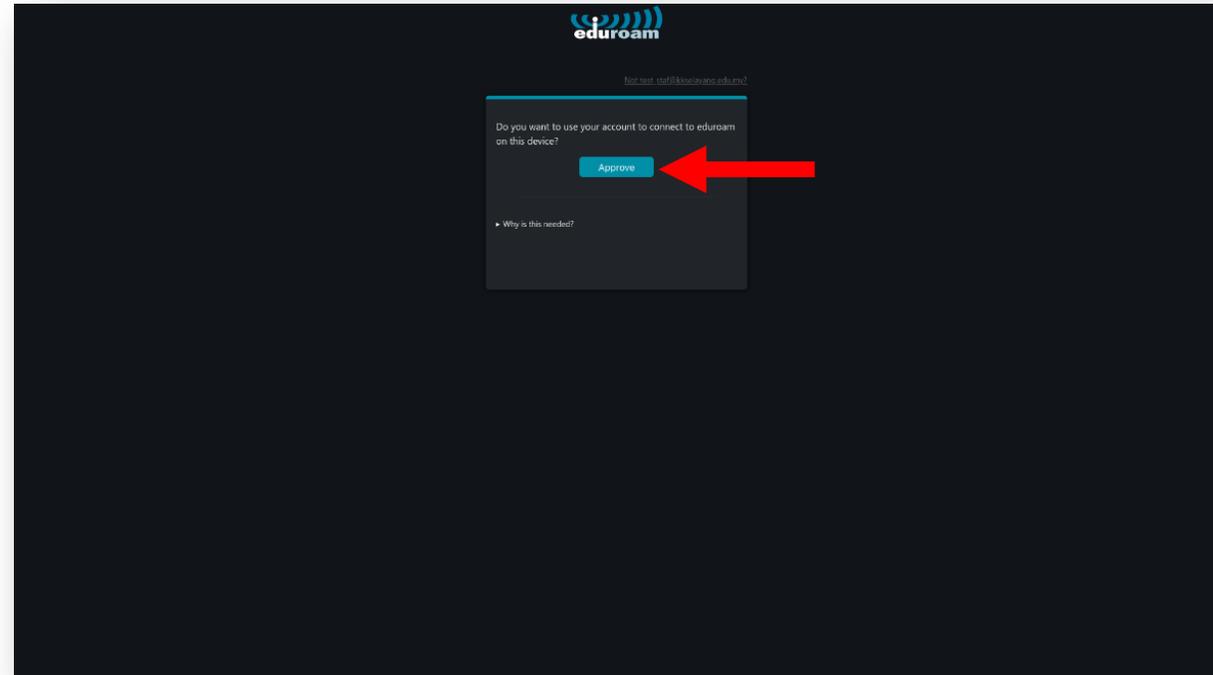
Accept

Reject

Support

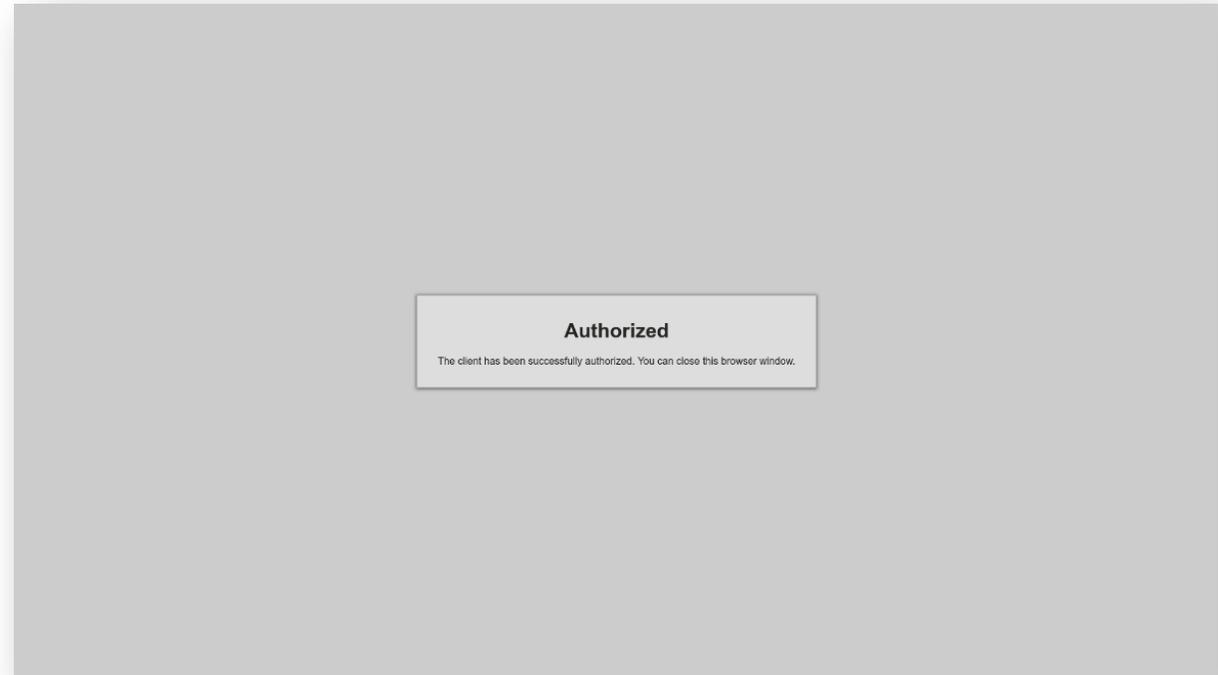
8

Click the “Approve” button to authorise the geteduroam app to use your account to connect to eduroam on your device.



9

You should see a page saying that the client has been successfully authorised at the end. You may close the web browser window.



10

Go back to the Terminal, and you should see that a new eduroam connection has been added to NetworkManager on your system and how long the connection is valid for.

```
irfan@calcifer: ~ <2>
Kolej Komuniti Bandar Darul Aman
Kolej Komuniti Bandar Baharu
Kolej Komuniti Baling
Kolej Komuniti Bagan Serai
Kolej Komuniti Bagan Datuk
Kolej Komuniti Arau
Kolej Komuniti Ampang
Jabatan Pendidikan Politeknik Dan Kolej Komuniti

List is long...
Please refine your search:
Found the following matches:
[1] Kolej Komuniti Selayang

Please enter a choice for the organisation: 1
Your browser has been opened to authorize the client
Or copy and paste the following url: https://kkselayang.mypolycc.geteduroam.my/oauth/authorize
/?client_id=app.geteduroam.sh&code_challenge=0xY0q1RnVNHwd9F58L3Zrm1g3cL70kNh8VDWMvX0k9E&code_
challenge_method=S256&redirect_uri=http%3A%2F%2F127.0.0.1%3A35219%2F&response_type=code&scope=
eap-metadata&state=m2GeSgWylpimgimHruMXAPM_h5iiZqGb4KZwjp_u6N5Y

Your eduroam connection has been added to NetworkManager with the name: "eduroam (from getedur
oam)"
Your connection is valid for: 180 days

~ took 1m14s
> |
```

11

You can also verify and connect to the new eduroam connection by locating it in your NetworkManager.

