

Stellenbosch University

# Registering a Windows device and installing the eduroam profile

Basic user guide

IT department  
12-9-2021

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## Intended audience

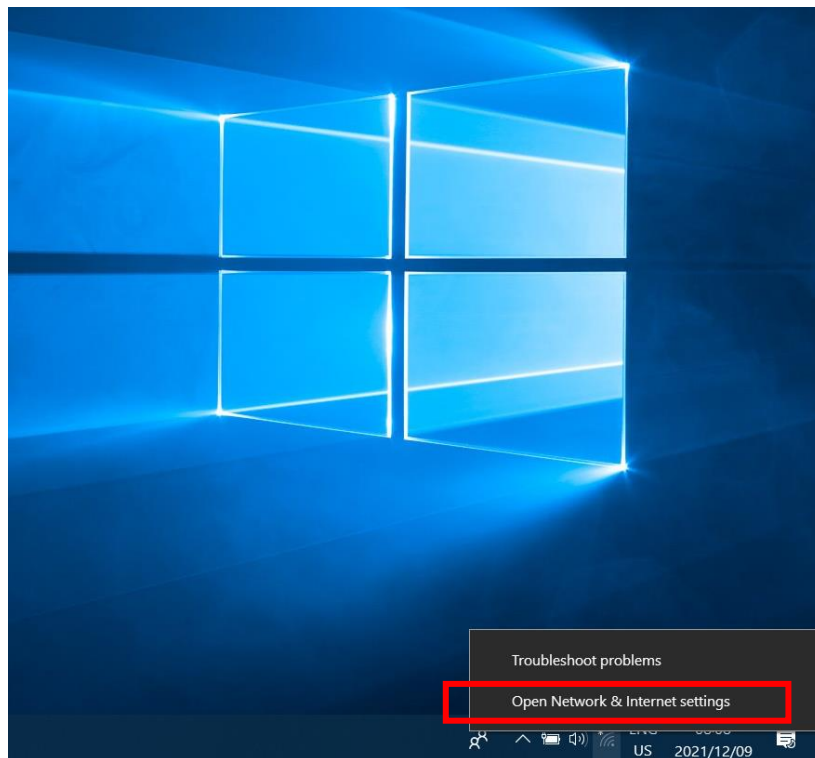
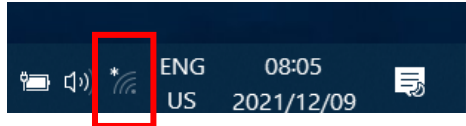
This guide is intended to assist students and staff in registering an android device for connectivity to the campus wifi network namely “Eduroam”.

## Disclaimer

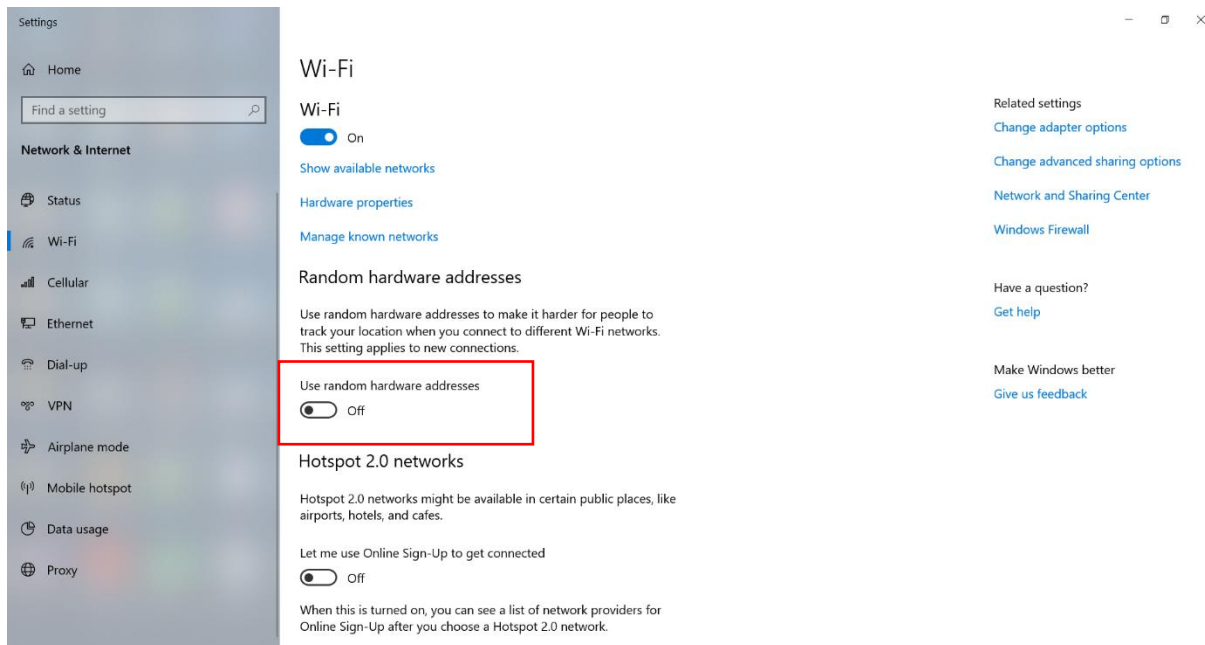
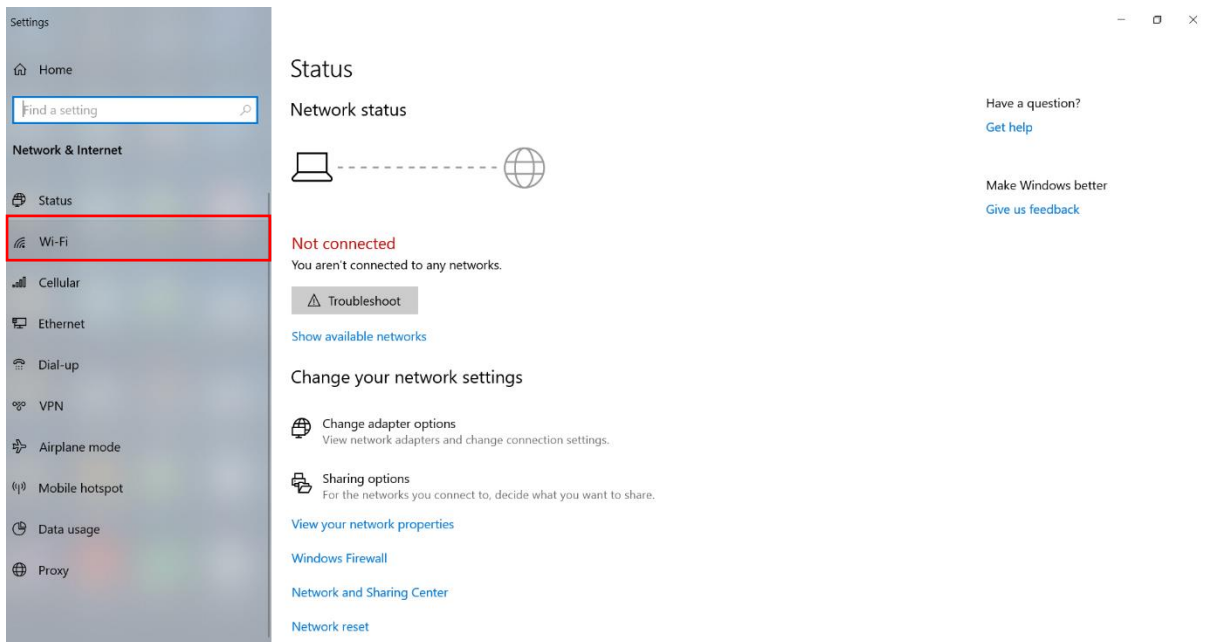
The steps in this guide are intended to assist users as best as possible who are using Windows 10 devices. The steps may differ slightly among older versions of Windows which may affect the accuracy of this guide. In such instances you may apply logical judgement where possible in selecting the relevant settings and if you are still unable to successfully register your device then contact IT at [help@sun.ac.za](mailto:help@sun.ac.za) and log a request to be assisted further.

# Getting your device registered and connected to eduroam

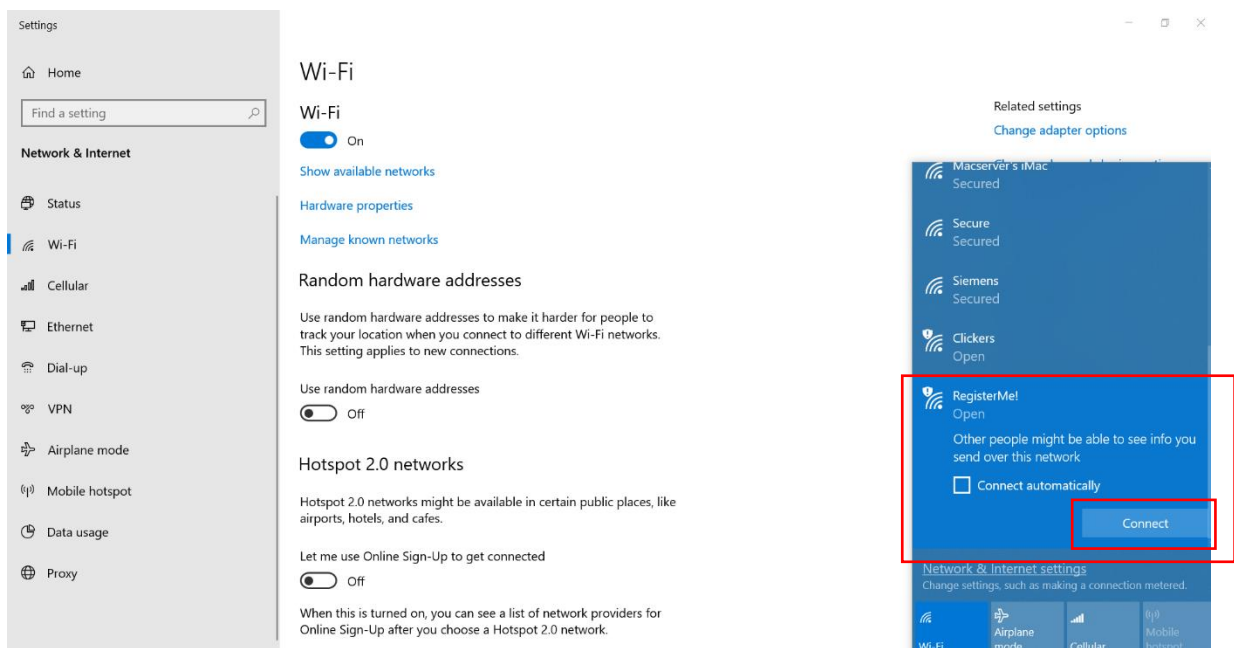
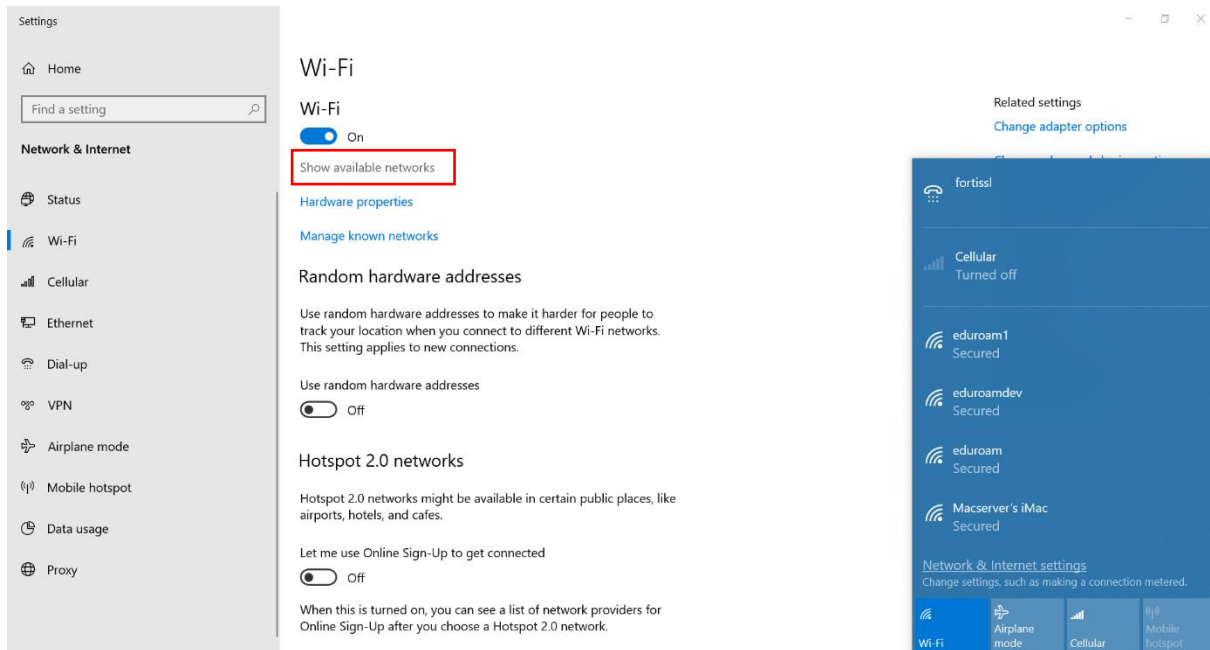
Step 1: From your Desktop, right click the wireless icon from the system tray as shown below → Click Open Network & Internet settings.



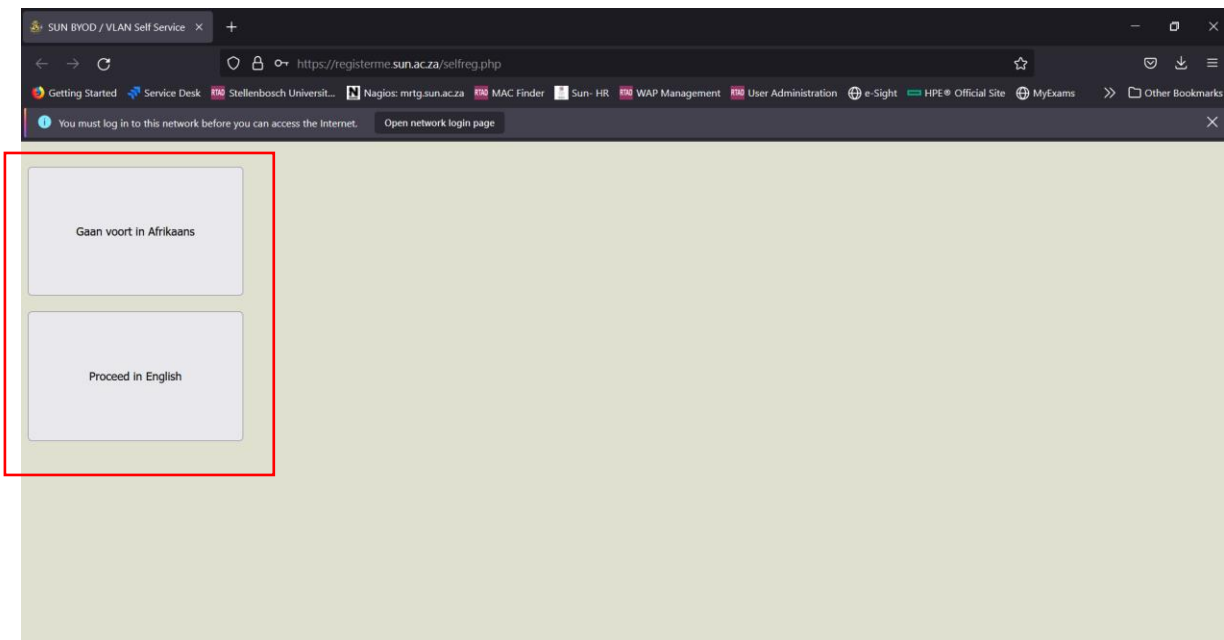
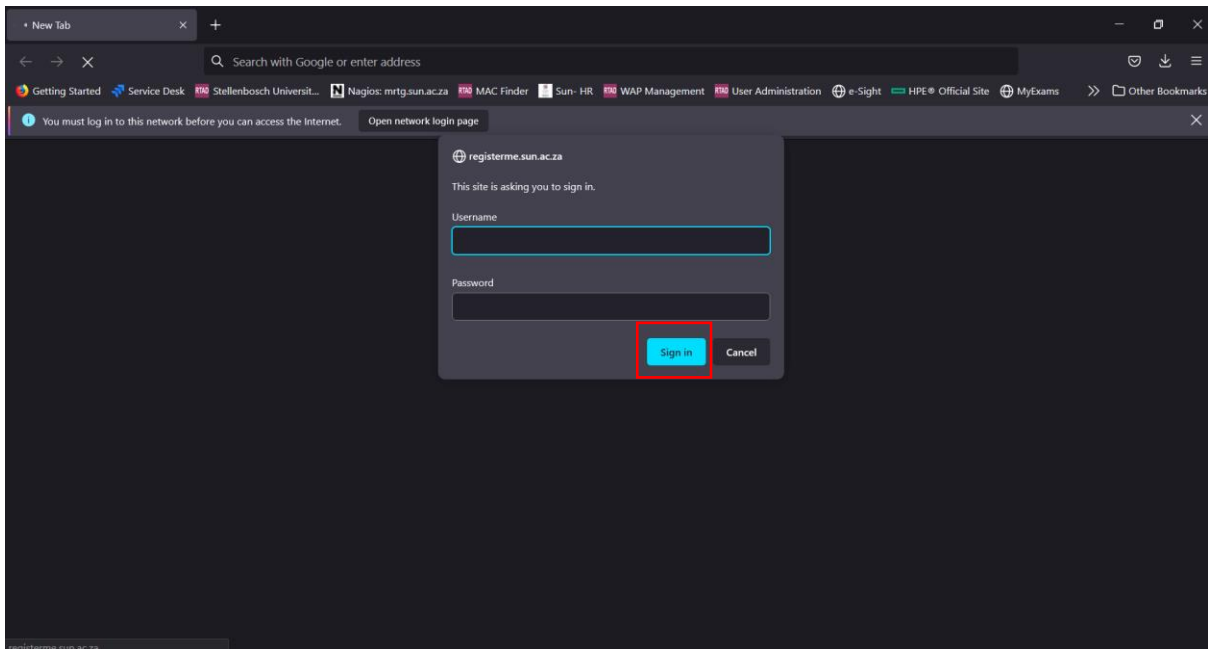
Step 2: Select WiFi from the left pane → Ensure that the “Use random hardware address feature is off as shown below.



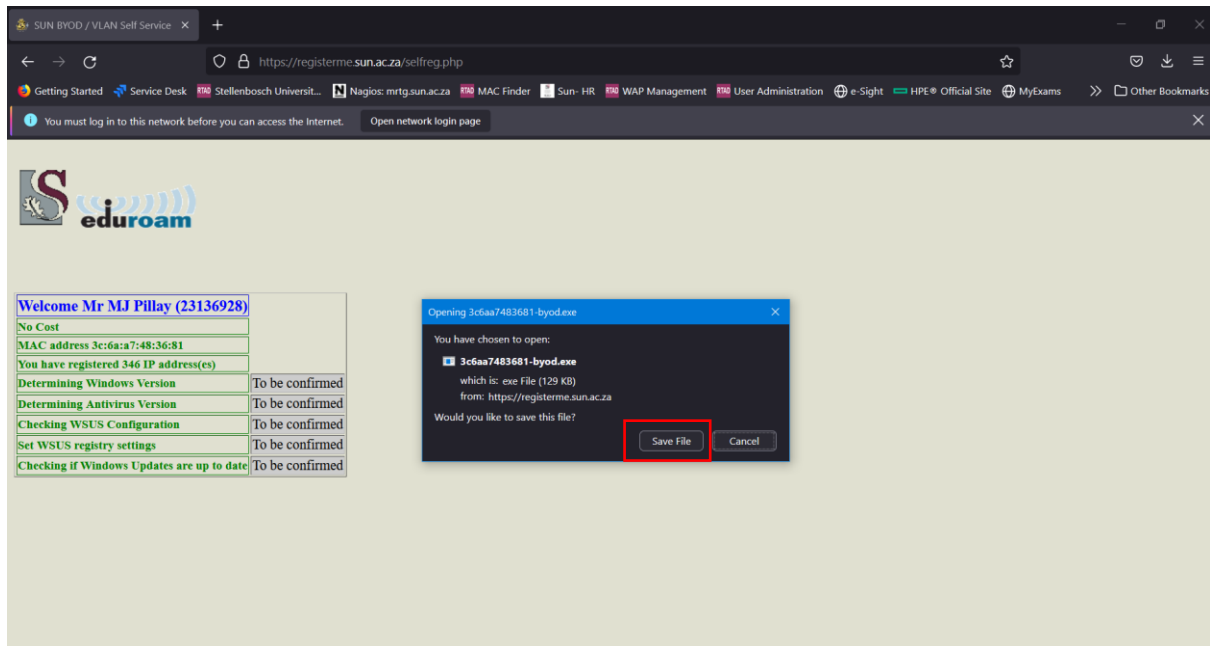
Step 3: Click Show available networks from the middle pane → Look for RegisterMe in the list of available wireless networks → Click on RegisterMe → Click on Connect



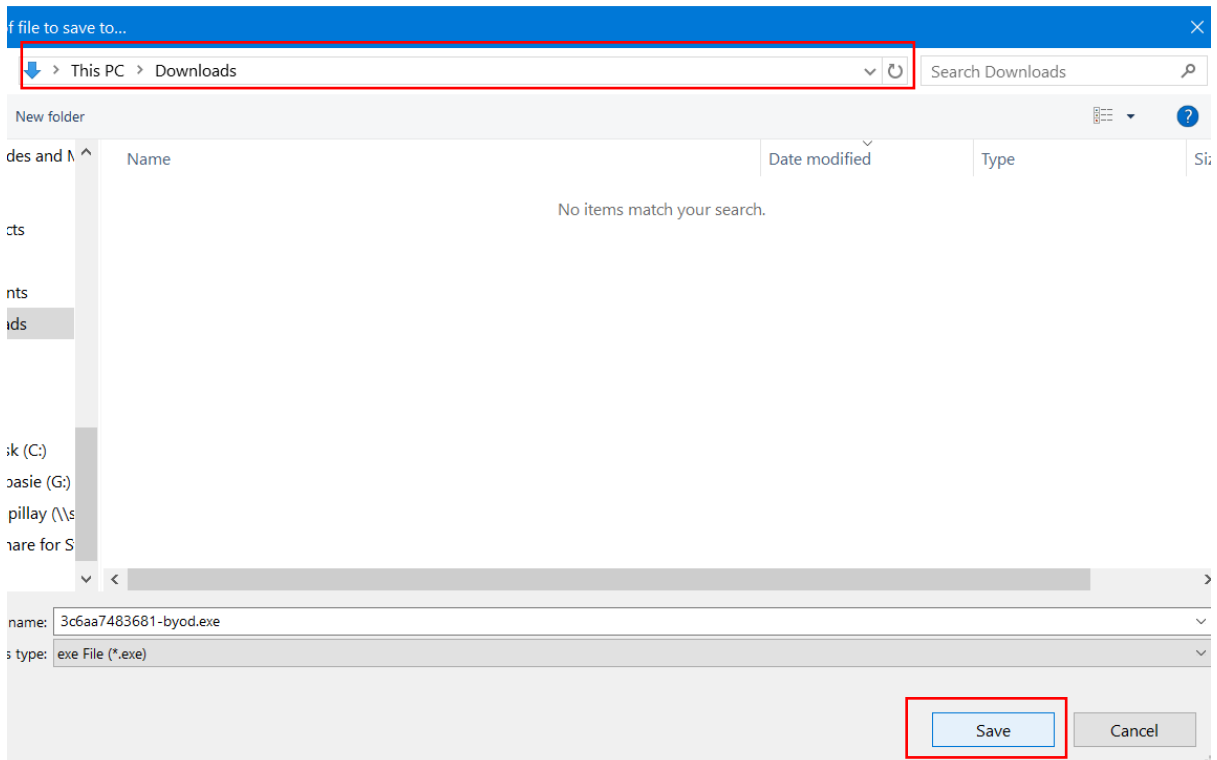
Step 4: Once your device connects to RegisterMe! a web page will automatically open in your default browser and you should be presented with a login screen. Enter your username and password → Click Sign in → At the next screen click Don't Save if you are asked to save the credentials → Select your preferred language



Step 5: Click the icon of the detective → A window will appear prompting for a file download → Click on Save file

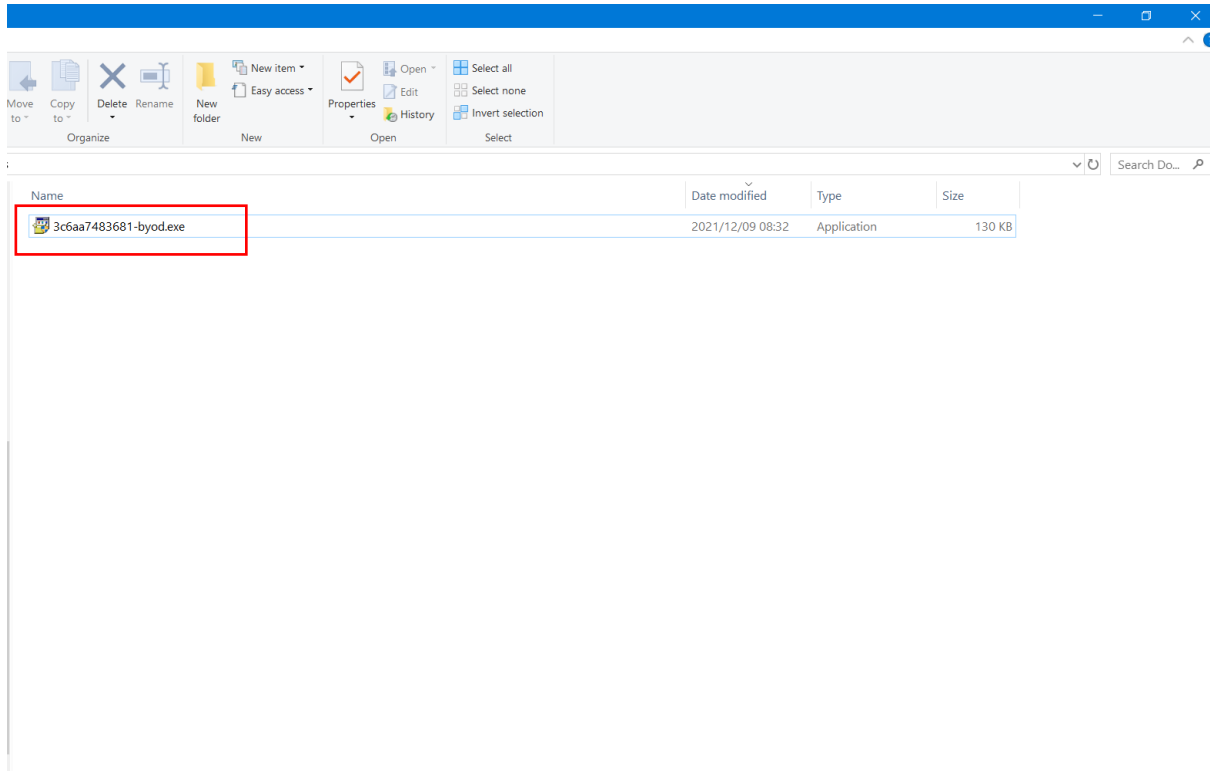


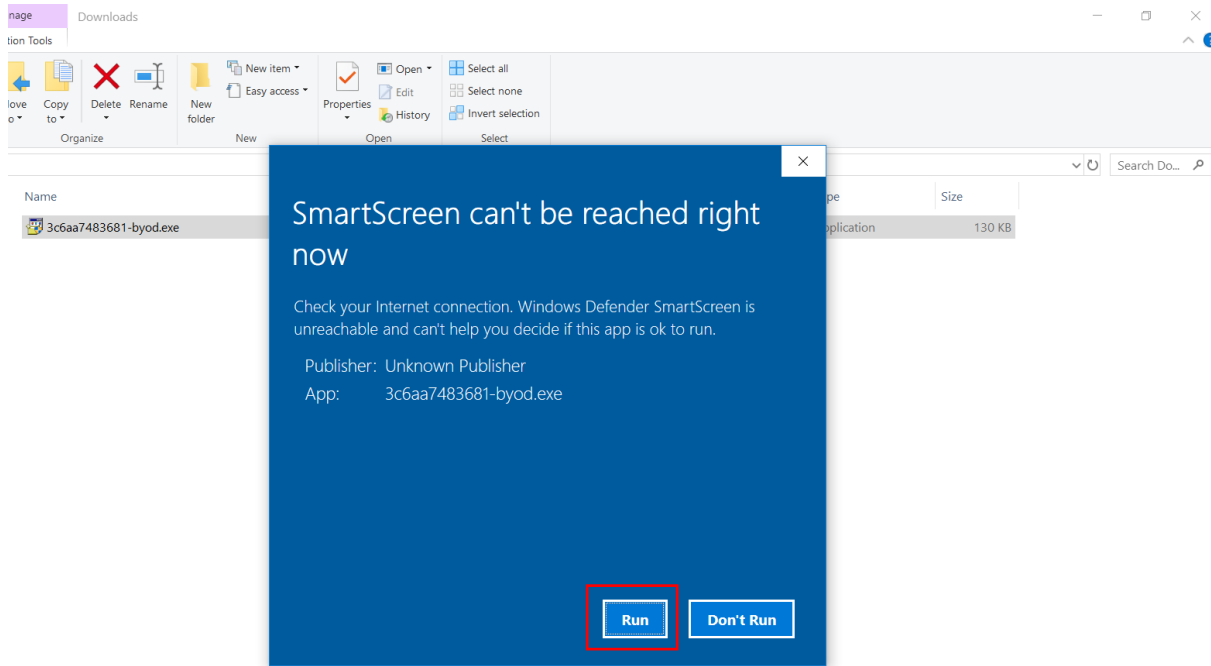
Step 6: Take note of the download location shown in the address bar and then click Save



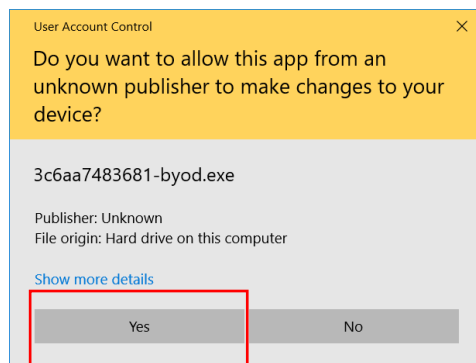
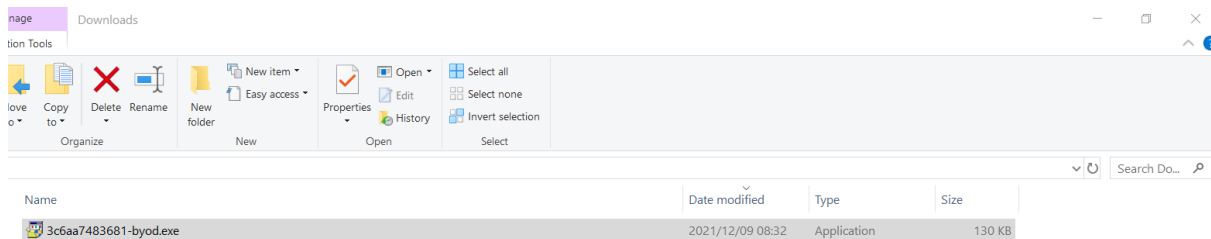


Step 7: Once the download has completed, go to the location where you saved the file and double click to run it (MINIMIZE your open webpage DO NOT close it at this point) → In the Smartscreen window that appears click Run.

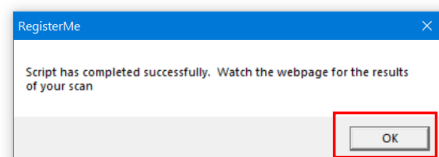
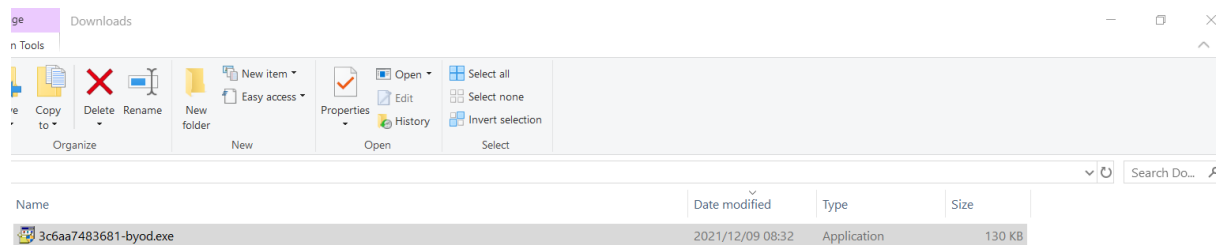
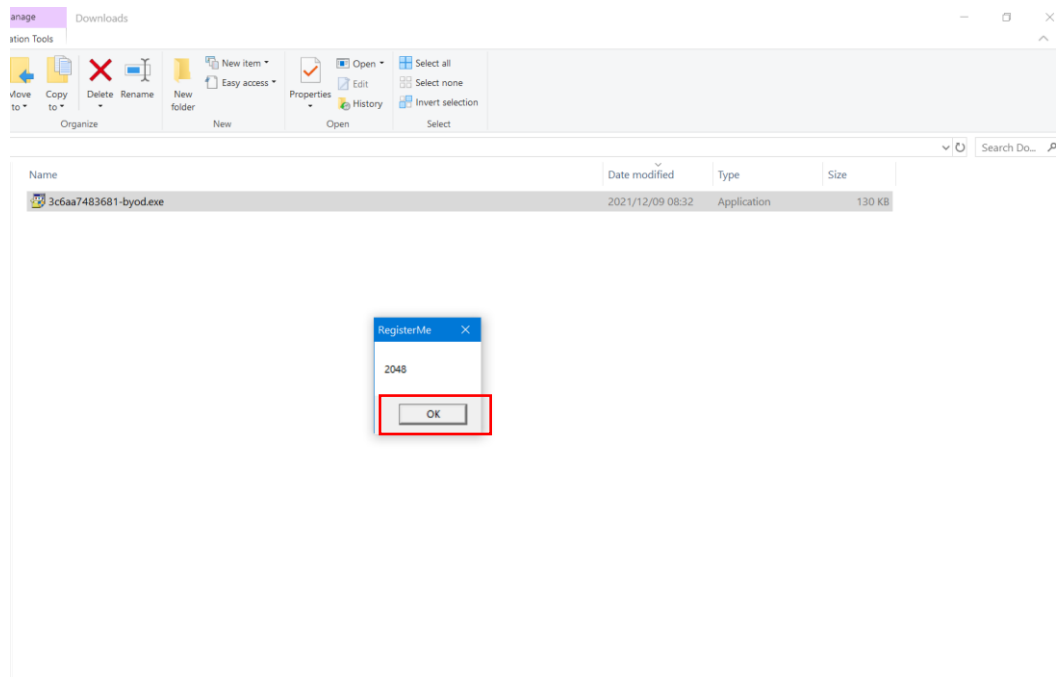




Step 8: Click Yes in the window that appears as shown below → Wait a few moments while checks are done.



Step 9: Once the checks are done the below window will appear →. Click OK → At the next window that appears click OK again.



Step 10: Maximise the webpage you were on earlier → Tick the checkbox → Click Confirm

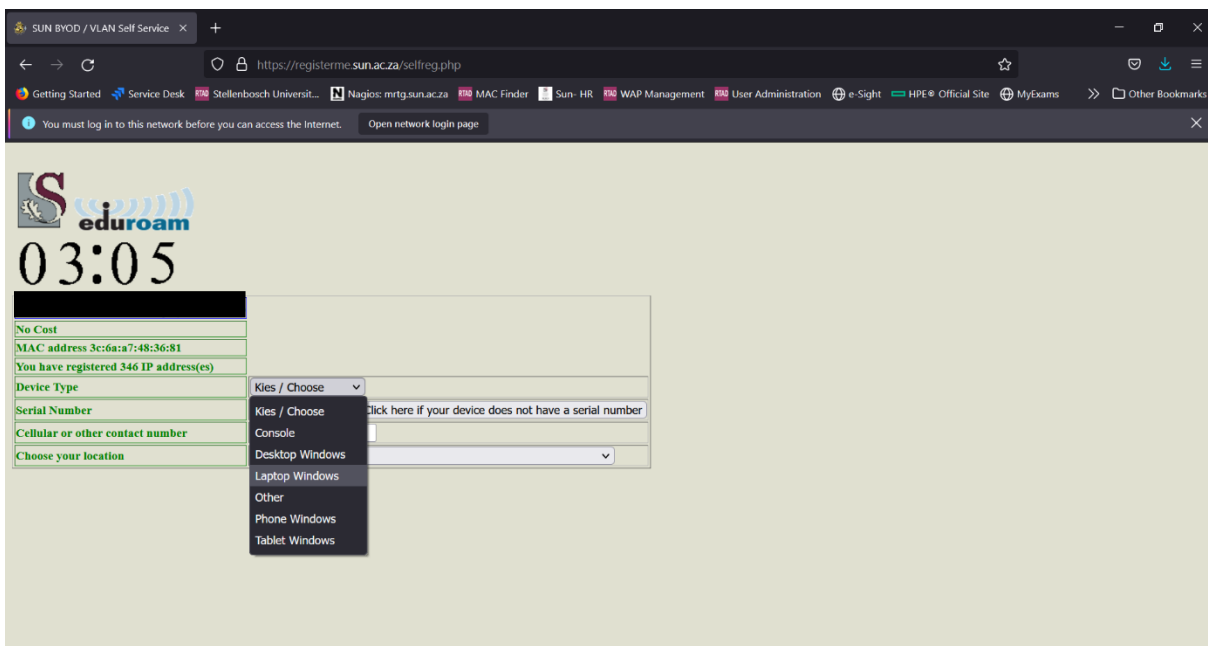
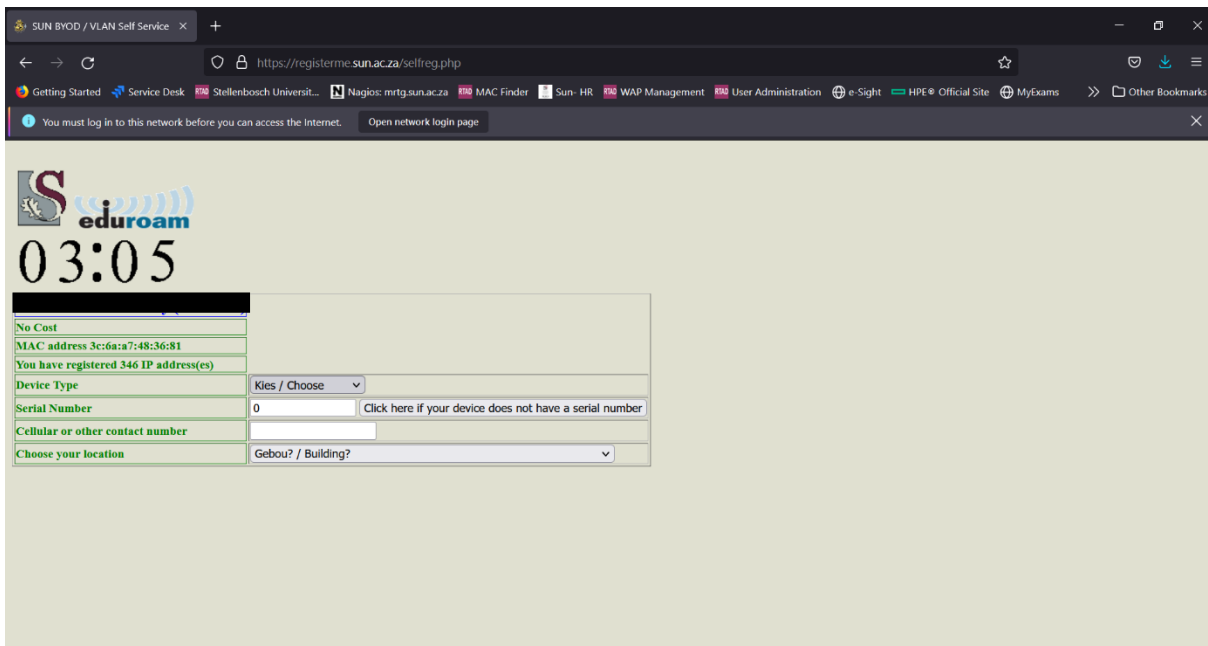
The screenshot shows a web browser window with the address bar displaying `https://registerme.sun.ac.za/selfreg.php`. The page header includes the 'eduroam' logo. The main content area is a registration form with the following sections:

- No Cost**
- MAC address**: 3c:6a:a7:48:36:81
- You have registered 346 IP address(es)**
- Determining Windows Version**: Microsoft Windows 10 Enterprise
- Determining Antivirus Version**: McAfee Endpoint Security (Enabled, Up to Date) Windows Defender (Disabled, Up to Date)
- Checking WSUS Configuration**: Checking WSUS configuration
- Set WSUS registry settings**: WSUS configured correctly
- Checking if Windows Updates are up to date**: WSUS up to date

A yellow warning box states: **Although not critical, you have more than 1 antivirus installed. This will slow down your computer**

Below the warning, there is a paragraph of terms and conditions, followed by a checkbox and a **Confirm!** button, which is highlighted with a red box.

Step 11: Click the Device Type combo box → Select the option that applies to you.



Step 12: Enter the serial number of your device if available or if not then click the button below it to automatically populate this field. It will automatically populate with your US number, if you choose to use this option then append a few digits to the end to avoid any conflicts should you be registering multiple devices eg. Append a 00 for your first device then a 01 for your next device and so forth.

No Cost	
MAC address 3c:6a:a7:48:36:81	
You have registered 346 IP address(es)	
Device Type	Laptop Windows
Serial Number	0 <a href="#">Click here if your device does not have a serial number</a>
Cellular or other contact number	
Choose your location	Gebou? / Building?

Step 13: Enter contact number

<a href="#">Welcome Mr MJ Pillay (23136928)</a>	
No Cost	
MAC address 3c:6a:a7:48:36:81	
You have registered 346 IP address(es)	
Device Type	Laptop Windows
Serial Number	8PP7QQ2 <a href="#">Click here if your device does not have a serial number</a>
Cellular or other contact number	0218084367
Choose your location	Gebou? / Building?

## Step 14: Select your building and room

SUN BYOD / VLAN Self Service

https://registerme.sun.ac.za/selfreg.php

Getting Started Service Desk Stellenbosch Universit... Nagios: mrtg.sun.ac.za MAC Finder Sun HR WAP Management User Administration e-Sight HPE Official Site MyExams Other Bookmarks

You must log in to this network before you can access the Internet. Open network login page

**S**eduroam

03:05

No Cost

MAC address 3c:6a:a7:48:36:81

You have registered 346 IP address(es)

Device Type Laptop Windows

Serial Number 8PP7QQ2 Click here if your device does not have a serial number

Cellular or other contact number 0218084367

Choose your location Gebou? / Building?

SUN BYOD / VLAN Self Service

https://registerme.sun.ac.za/selfreg.php

Getting Started Service Desk Stellenbosch Universit... Nagios: mrtg.sun.ac.za MAC Finder Sun HR WAP Management User Administration e-Sight HPE Official Site MyExams Other Bookmarks

You must log in to this network before you can access the Internet. Open network login page

**S**eduroam

03:05

Welcome Mr MJ Pillay (23136928)

No Cost

MAC address 3c:6a:a7:48:36:81

You have registered 346 IP address(es)

Device Type

Serial Number

Cellular or other contact number

Choose your location

HUISSHOUKUNDE(LOMBARDI)

HUIS MARAIS

HUIS MCDONALD BLOK A : HAMMANSHANDWEG

HUIS MCDONALD BLOK B : HAMMANSHANDWEG

HUIS MCDONALD BLOK C : HAMMANSHANDWEG

HUIS MCDONALD BLOK D : HAMMANSHANDWEG

HUIS MCDONALD BLOK E : HAMMANSHANDWEG

HUIS MCDONALD BLOK F : HAMMANSHANDWEG

HUIS NEETHLING

HUIS RUSSEL BOTMAN - NUWE GENERASIE

HUIS TEN BOSCH

HUIS VISSER

IMPLEMENTESTOOR, COETZENBURG

INFORMATION AND COMMUNICATION TECHNOLOGY BUILDING

INFORMATION AND COMMUNICATION TECHNOLOGY BUILDING

Step 15: Select your room by clicking on the combo box outlined in red below

SUN BYOD / VLAN Self Service

https://registerme.sun.ac.za/selfreg.php

Getting Started Service Desk Stellenbosch Universit... Nagios: mrtg.sun.ac.za MAC Finder Sun HR WAP Management User Administration e-Sight HPE Official Site MyExams Other Bookmarks

You must log in to this network before you can access the Internet. Open network login page

**S**eduroam

03:05

No Cost	
MAC address 3c:6a:a7:48:36:81	
You have registered 346 IP address(es)	
Device Type	Laptop Windows
Serial Number	8PP7QQ2 <a href="#">Click here if your device does not have a serial number</a>
Cellular or other contact number	0218084367
Choose your location	INFORMATION AND COMMUNICATION TECHNOLOGY BUILDING
Choose your room	Kamer? / Room?

Step 16: Supply a hostname for your device and then click Register Me!

SUN BYOD / VLAN Self Service

https://registerme.sun.ac.za/selfreg.php

Getting Started Service Desk Stellenbosch Universit... Nagios: mrtg.sun.ac.za MAC Finder Sun HR WAP Management User Administration e-Sight HPE Official Site MyExams Other Bookmarks

You must log in to this network before you can access the Internet. Open network login page

**S**eduroam

03:05

No Cost	
MAC address 3c:6a:a7:48:36:81	
You have registered 346 IP address(es)	
Device Type	Laptop Windows
Serial Number	8PP7QQ2 <a href="#">Click here if your device does not have a serial number</a>
Cellular or other contact number	0218084367
Choose your location	INFORMATION AND COMMUNICATION TECHNOLOGY BUILDING
Choose your room	2000
Supply a hostname for your device, starting with a letter and consisting only of letters, digits and hyphens	ict482331
<b>Register Me!</b>	



Step 17: Wait a few moments, it will look as though nothing is happening, this is normal. Just wait for the new window to open.

The screenshot shows a web browser window with the URL <https://registerme.sun.ac.za/selfreg.php>. The page features the Eduroam logo and a large digital clock displaying '03:05'. Below the clock, there is a registration form with the following fields and values:

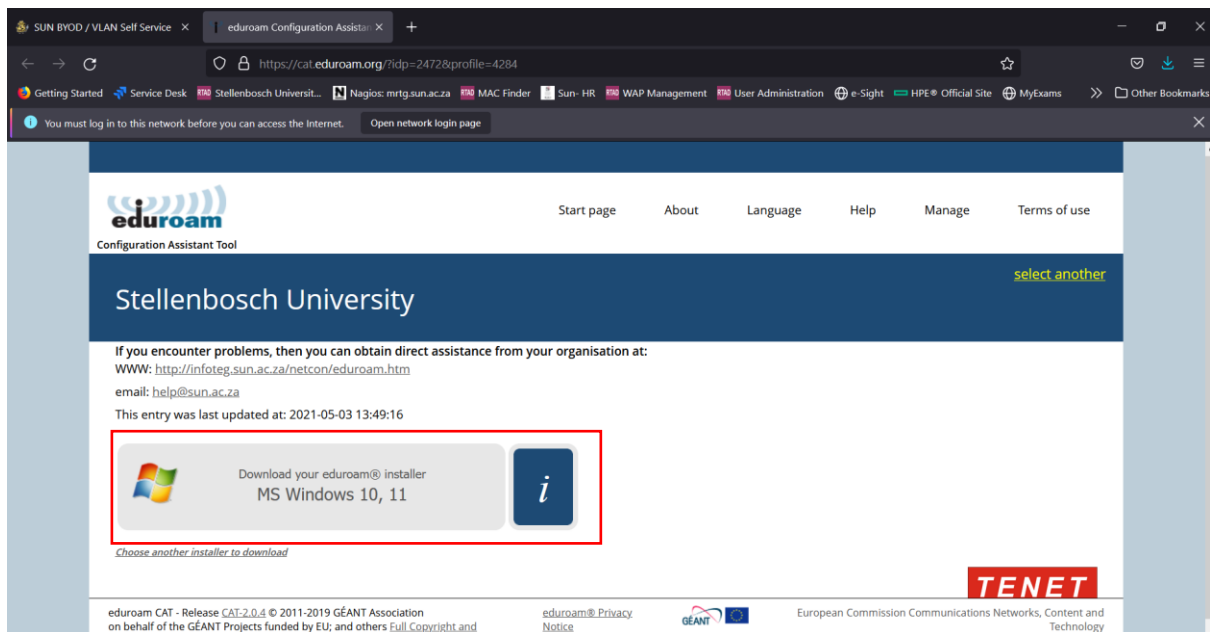
<b>Welcome Mr MJ Pillay (23136928)</b>	
No Cost	
MAC address 3c:6a:a7:48:36:81	
You have registered 346 IP address(es)	
Device Type	Laptop Windows
Serial Number	8PP7QQ2 <a href="#">Click here if your device does not have a serial number</a>
Cellular or other contact number	0218084367
Choose your location	INFORMATION AND COMMUNICATION TECHNOLOGY BUILDING
Choose your room	2000
Supply a hostname for your device, starting with a letter and consisting only of letters, digits and hyphens	ict482331

Step 18: You will be auto directed to the below window → Click on Eduroam Configuration Assistant Tool underlined in red.

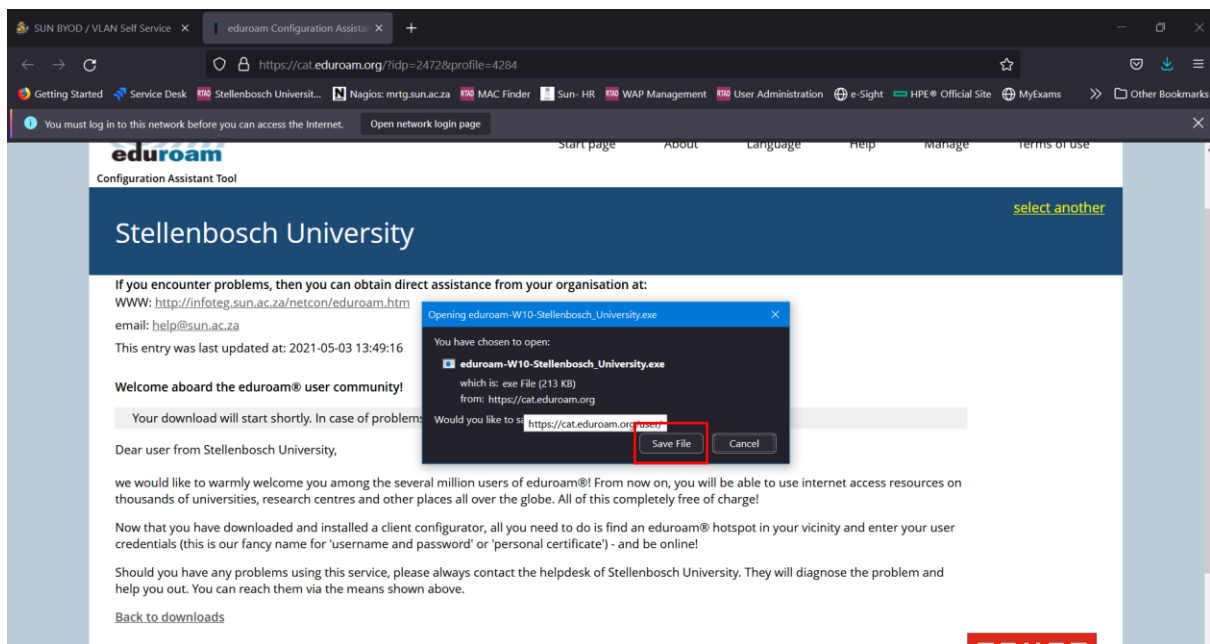
The screenshot shows the same web browser window as in Step 17, but the registration form is now filled with a success message and instructions. The success message is: **Your device was registered successfully**. Below this, there is a yellow box containing the following instructions:

- Download the Eduroam CAT at [Eduroam Configuration Assistant Tool](#)
- Forget the eduroam network
- Execute the downloaded CAT to properly configure your device for eduroam access to Stellenbosch University
- Instructions for using the CAT are available here: [Windows](#), [Android](#), [OSX](#), [IOS](#)
- Connect to eduroam in order to use the network.

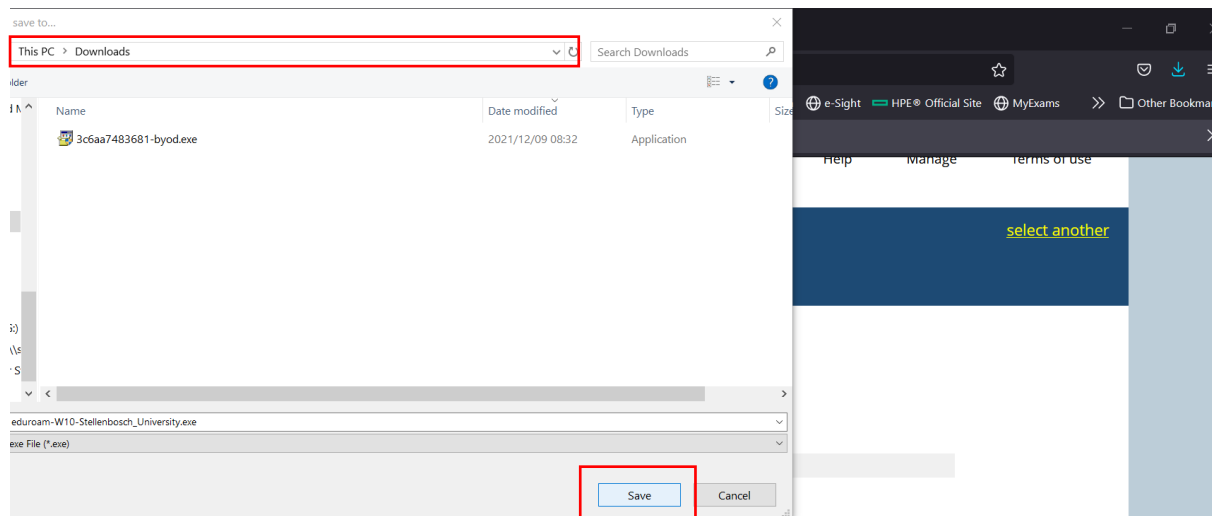
Step 19: A webpage will open up as shown below. Click the MS Windows 10,11 button



Step 20: Click Save file



## Step 21: Take note of the location where you are saving and click Save



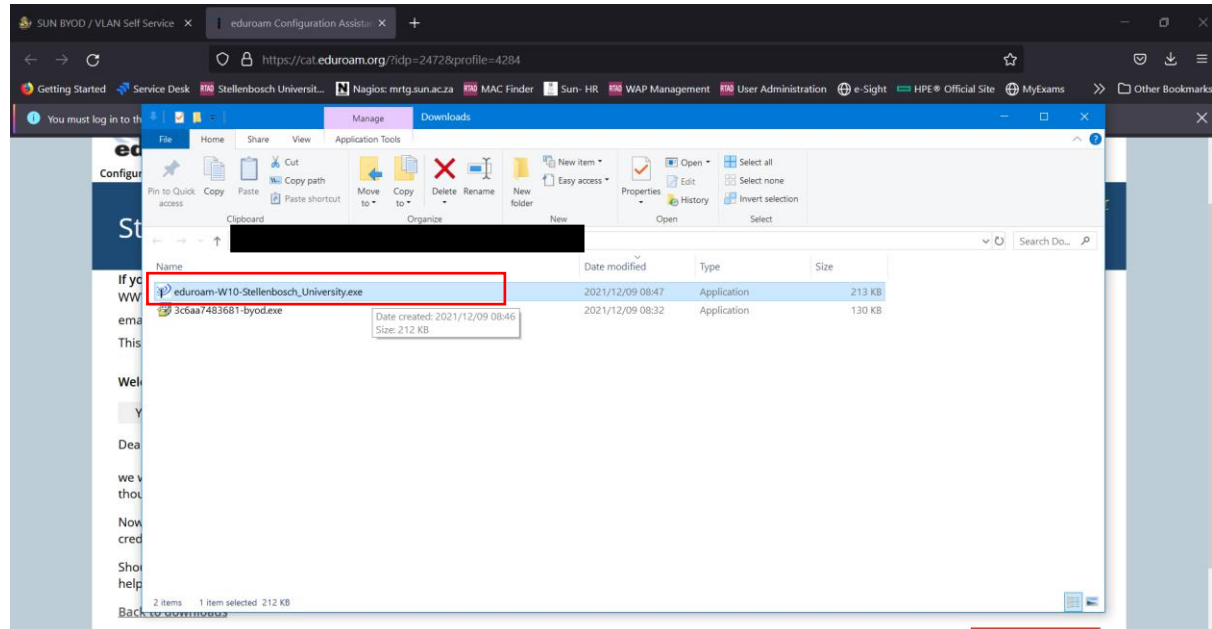
We would like to warmly welcome you among the several million users of eduroam®! From now on, you will be able to use internet access resources on thousands of universities, research centres and other places all over the globe. All of this completely free of charge!

Now that you have downloaded and installed a client configurator, all you need to do is find an eduroam® hotspot in your vicinity and enter your user credentials (this is our fancy name for 'username and password' or 'personal certificate') - and be online!

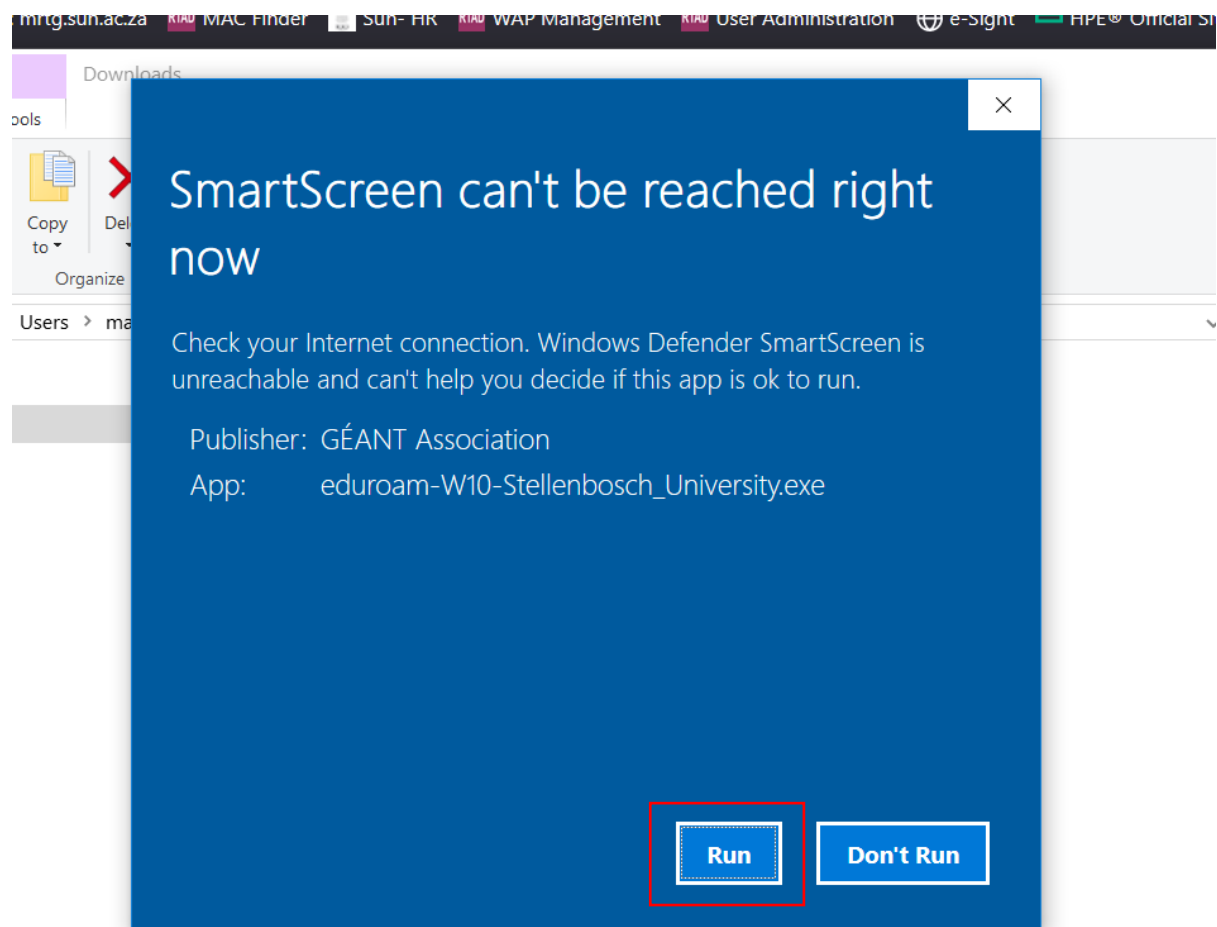
If you should have any problems using this service, please always contact the helpdesk of Stellenbosch University. They will diagnose the problem and help you out. You can reach them via the means shown above.

[Link back to downloads](#)

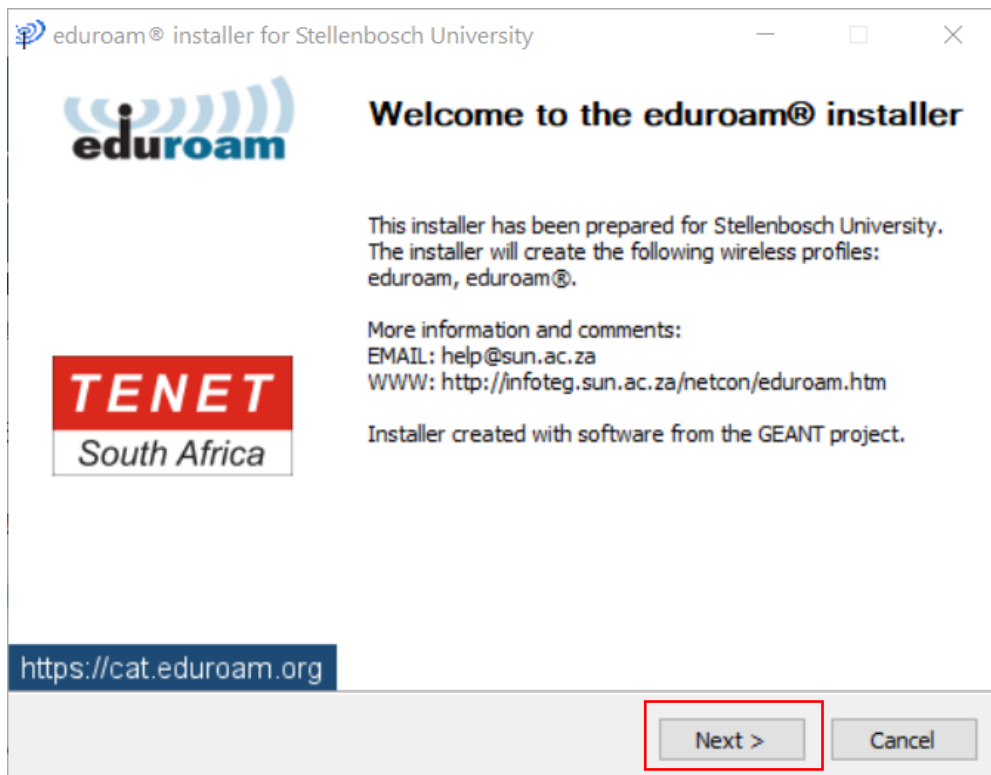
## Step 22: Once the download is complete, go to the location where you saved the file and double click to run the application.



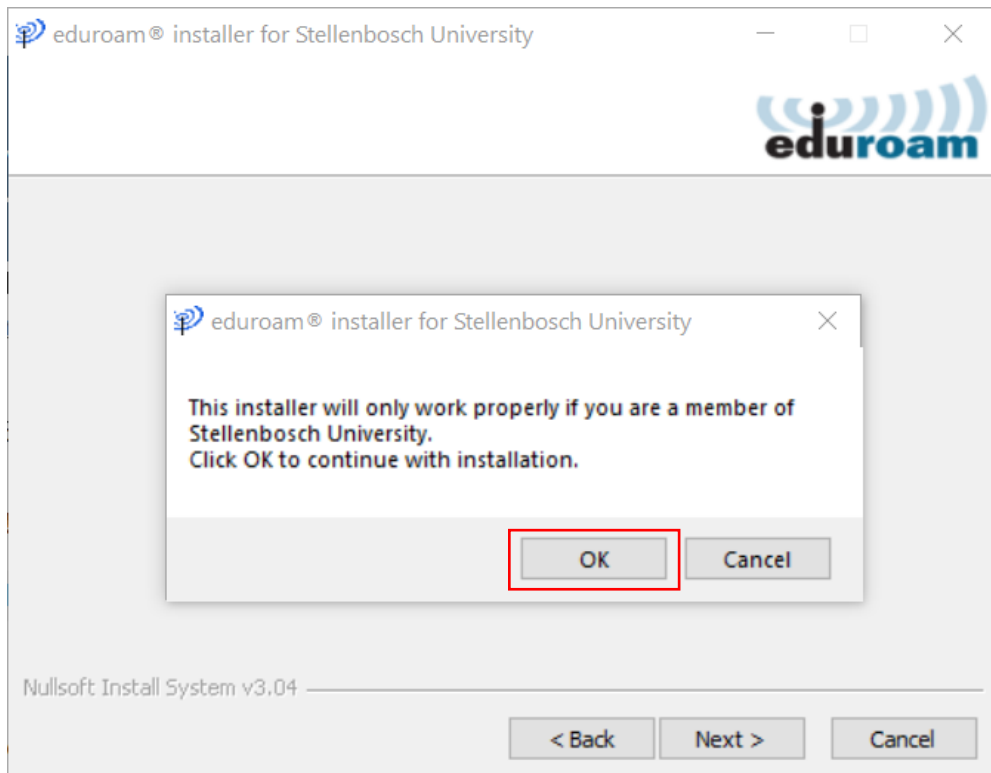
### Step 23: Click Run



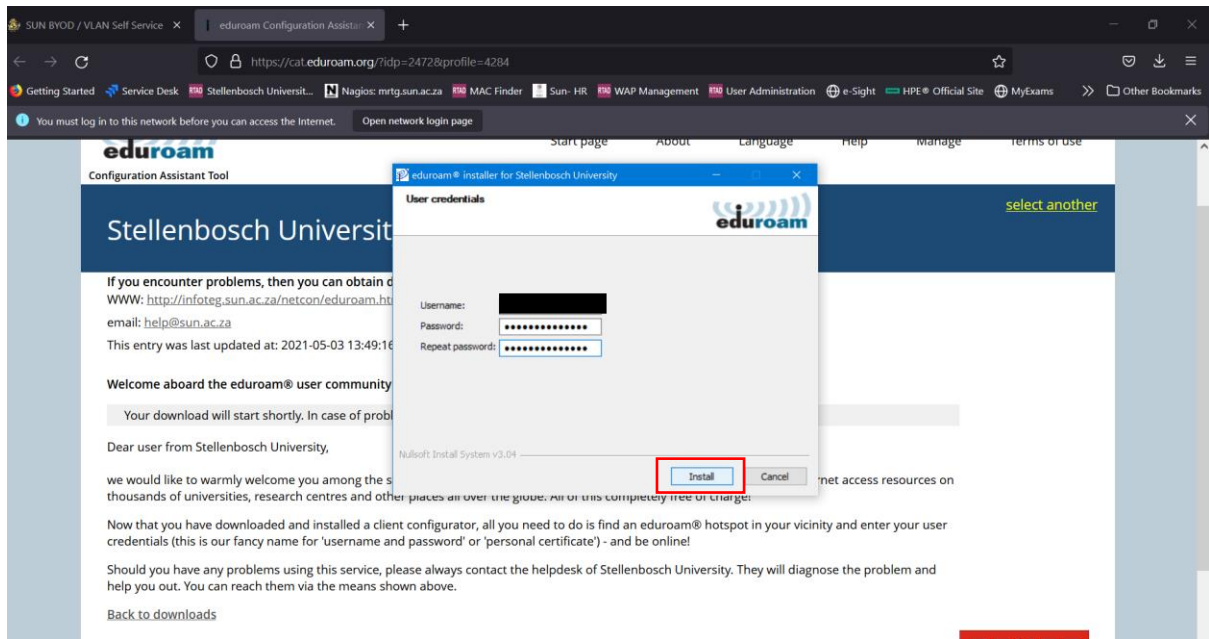
Step 24: Click Next



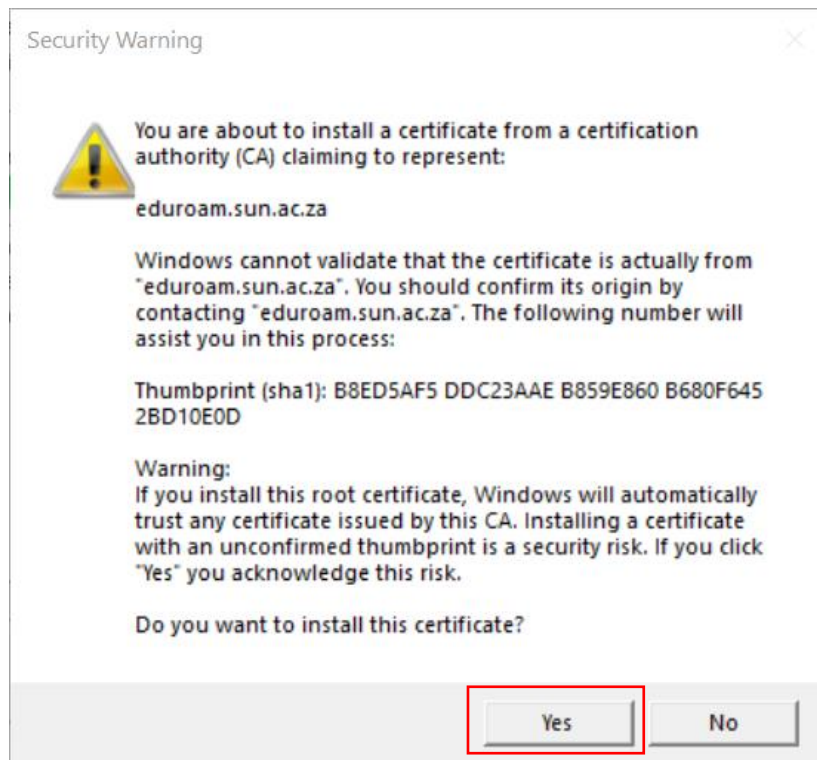
Step 25: Click OK



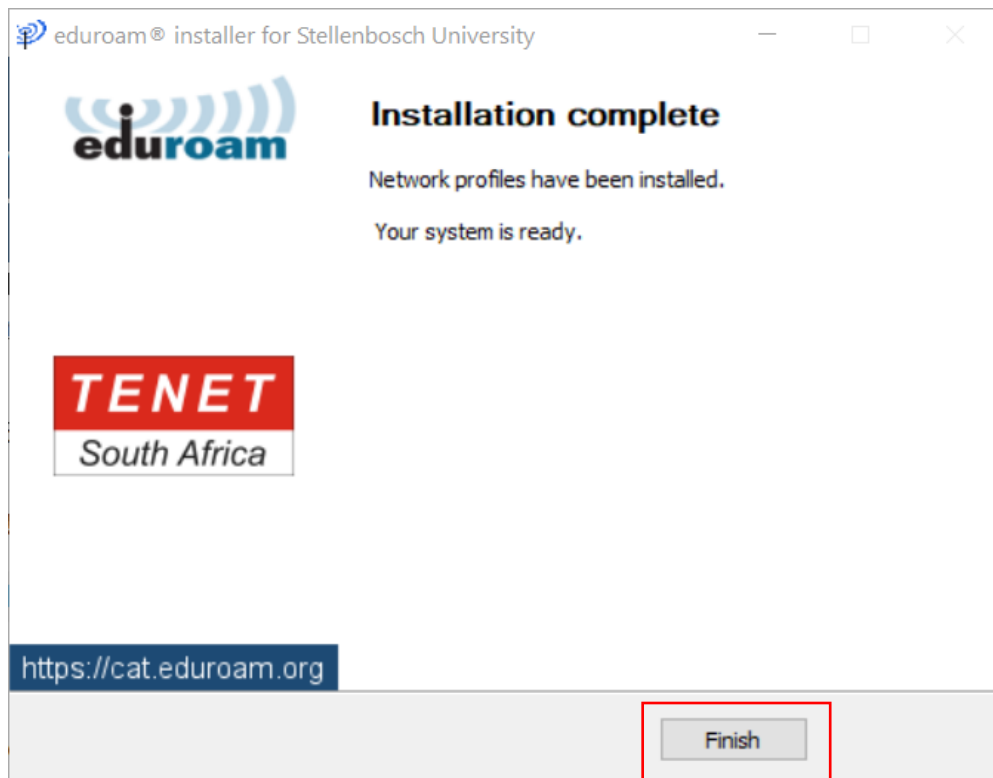
## Step 26: Enter your credentials accordingly and click Install



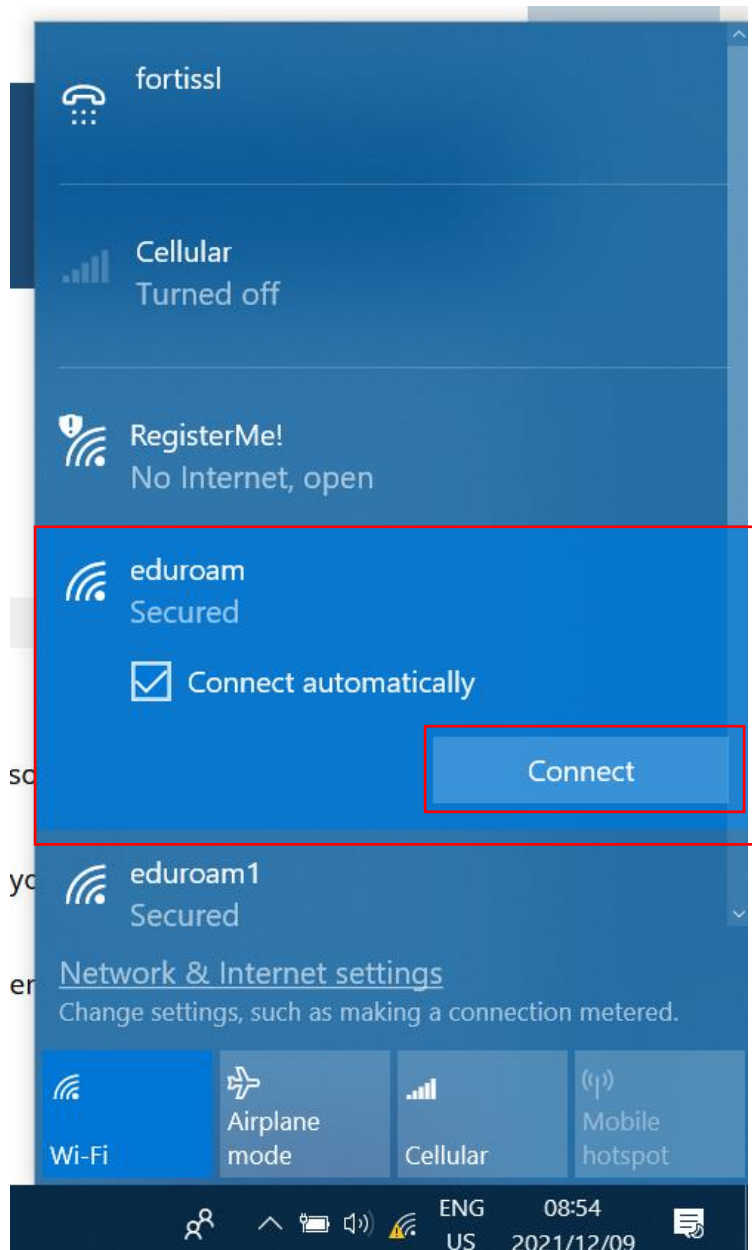
## Step 27: Click Yes



Step 28: Click Finish

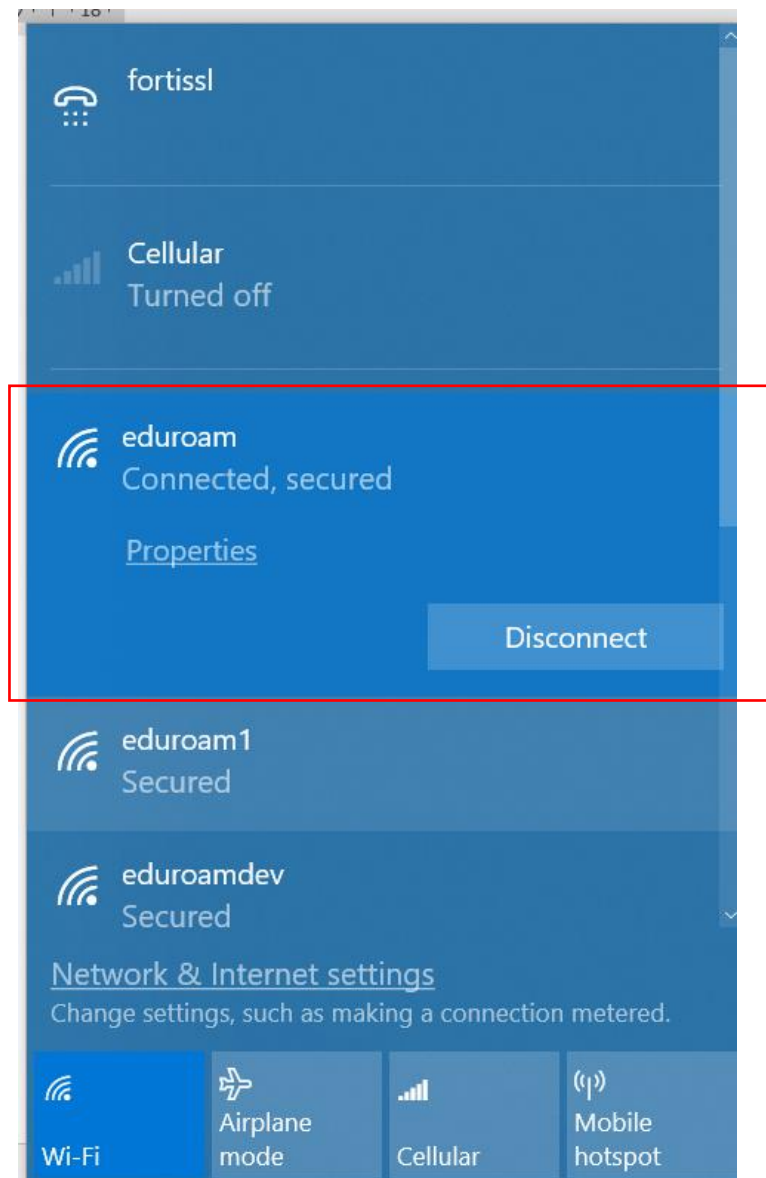


Step 29: Click the wifi icon in the system tray → locate eduroam → click on eduroam → click Connect





Step 30: Your device will start connecting to the eduroam network and should look like the below once done.



Step 31: If you see an exclamation mark on the wifi icon in the system tray – Wait a few moments, it should disappear and will look like the picture on the right.



# Password Changes

## **Very Important**

Password Changes: When your login password does change which is around every 90 days then your device will need the new password in order to connect to Eduroam again. To do this open up the eduroam CAT application that was installed earlier and follow steps 21 – 31 of this guide.