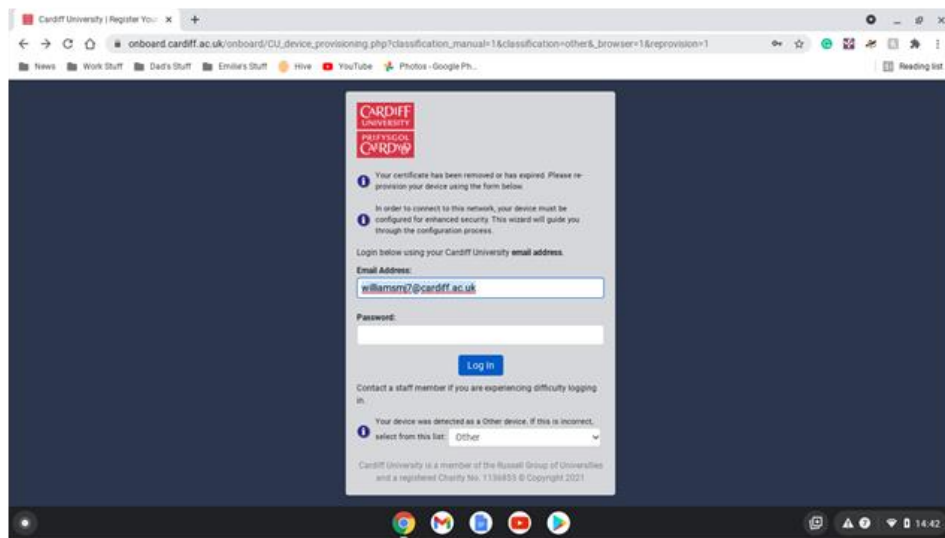


Connect your Chromebook to eduroam

- Please turn off any existing VPNs from your device.
Ensure date and time of device is set to UK Time
If you are logged in using a 'Guest' account, please disconnect before performing the method below.

Please follow method below carefully.

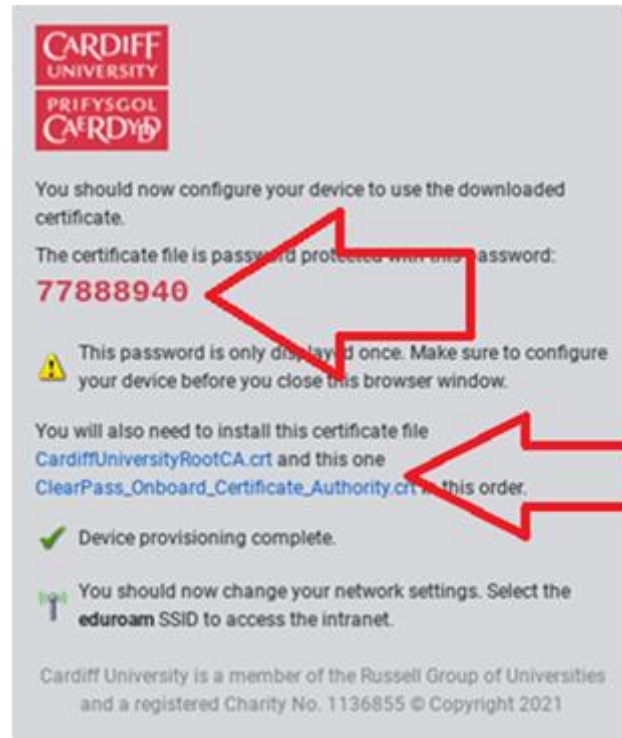
1. Connect to 'CU-Wireless' Wireless Network
2. Open your Chrome browser and go to a non-https page; we recommend <http://neverssl.com/>
3. Manually direct Chrome to <https://onboard.cardiff.ac.uk> unless you are auto directed.
4. **IMPORTANT: Choose 'Other' as the Operating System, NOT Chromebook**



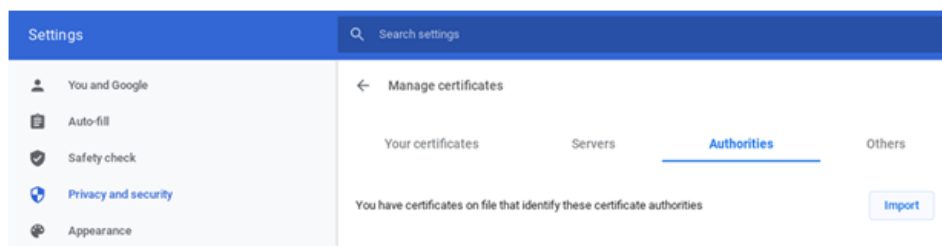
5. Type your university Email Address and Password
6. Click the **Log in** button
7. Choose **Download certificate**, at which point "onboardCertificates.pkcs12" will be downloaded to your device



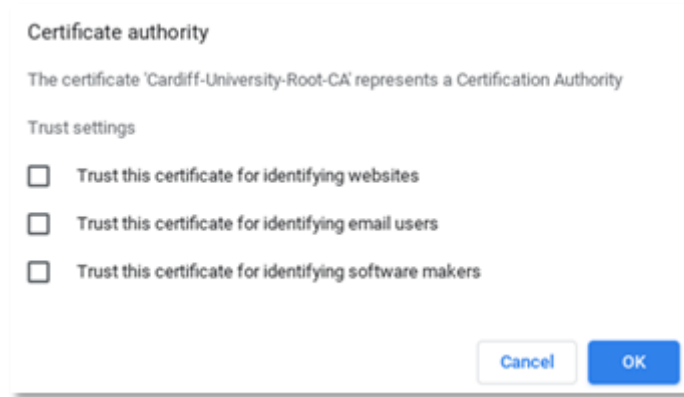
8. Click the Download Certificate links to download the following certificate files. Make a note of where they are saved for a later stage
 - a. **'CardiffUniversityRootCA.crt'**
 - b. **'ClearPass_Onboard_Certificate_Authority.crt'**
9. **Make a note the certificate password text for use further on.**
You may need to refresh your browser for it to appear



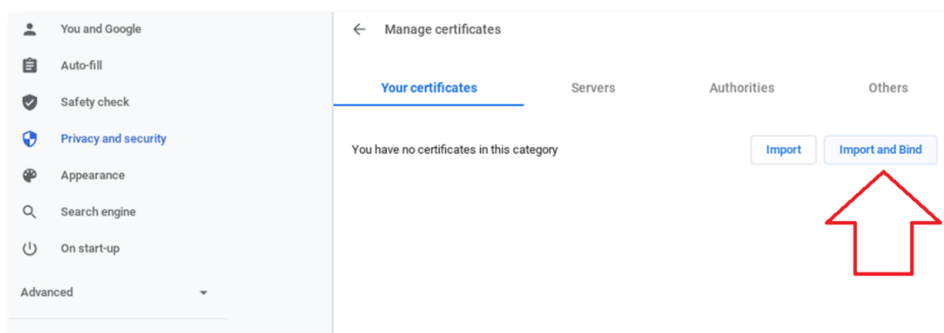
10. In your chrome browser open a new tab and go to **'Chrome://settings/certificates/'**
11. Choose the **Authorities tab** and then the **import** button



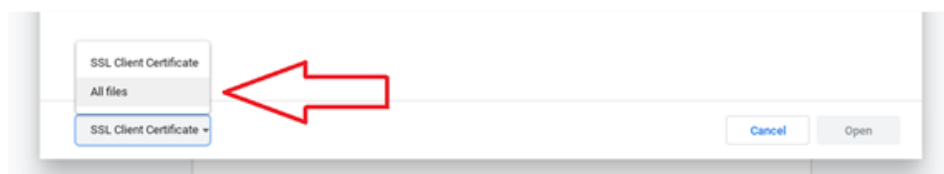
12. On the bottom left of the window, select **Choose all files**
13. Select the **'CardiffUniversityRootCA.crt'** select it and click **Open**
14. Do not select any of the three checkboxes. Press **OK**



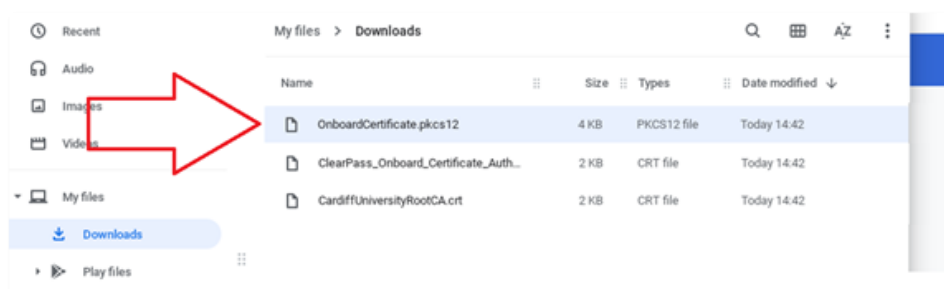
15. Choose the **Your certificates** tab
16. Press the **Import and Bind** button



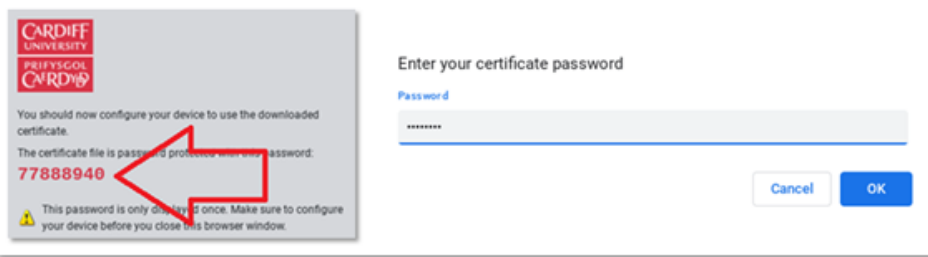
17. On the bottom left of the window, select **Choose all files** from the SSL Client Certificate button



18. Locate the file saved in step 7 above "onboardCertificates.pkcs12", select it, and click **open**

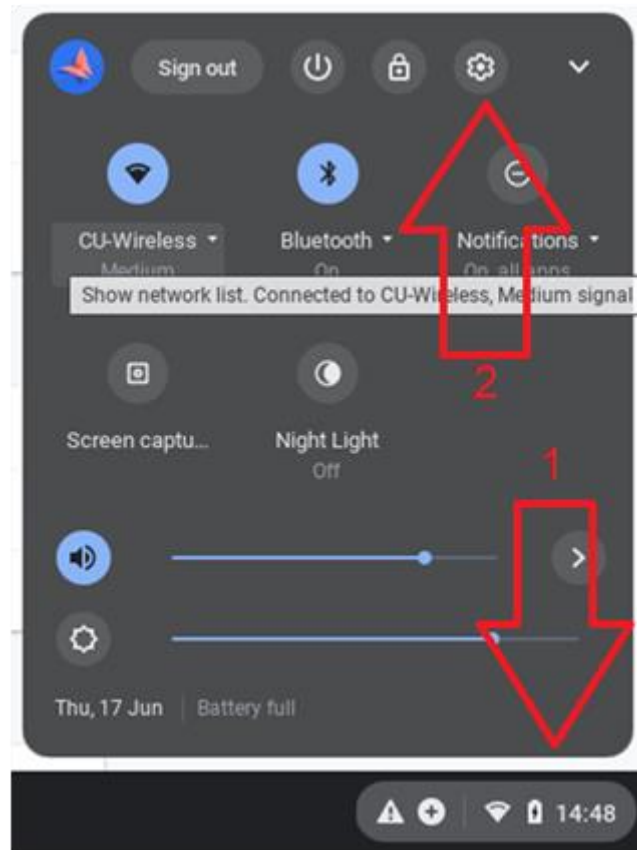


19. Copy the password given to you previously in step 9 into the text box and press **OK**



20. Click on the clock icon at the bottom right of the screen (1)

21. Click on the 'settings cog' icon (2)



22. On the following page, beneath **Networks** select **Add connection**, and then **Add Wi-Fi**

23. Fill in the following details in order: -

- a. SSID – type 'eduroam'
- b. Security – Select 'EAP'
- c. EAP Method – Select 'EAP-TLS'
- d. Uncheck **Allow other users of this device to use this network.** at the base of the page
- e. Server Certificate – Select 'Cardiff-University-Root-CA'
- f. User certificate – Select 'ClearPass Onboard Certificate Authority <Your University Email Address>'
- g. Identity – Type in your University email address
- h. Select **Save identity and Password** if required
- i. Select **Connect**

Join Wi-Fi network

SSID
eduroam

Security
EAP

EAP method
EAP-TLS

Server CA certificate
Cardiff-University-Root-CA [Cardiff-University-Root-CA]

Subject match

User certificate

Cancel Connect

24. The Chromebook should now securely connect to eduroam.