



BYOD Connection Guide

This guide is intended to help students connect their devices to the school's wireless network. Below are instructions on how to do so with a number of the most common device operating systems.

While the school does **not** provide technical support to students for problems they have with their devices, they do offer assistance in getting the device onto the wireless network should the student be unable to do so with these instructions.

For help with this, please see Mr Ward in the TSO office during recess or lunch.

Requirements

- Student devices must be up to date with all the most recent updates for its operating system (iOS, Android, Windows etc).
- Students will need to know their DET username and password to be able to connect to the wireless network and use the internet (if they don't, see Mr Ward (IT) or Mr Smith).

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Microsoft Windows

Windows 10

The steps required to connect to the detnsw network are similar across all of the major Windows operating systems so they will be covered together. What you see on your own device may differ somewhat from the images below however the information you enter and when you enter it should remain the same.



Step 1:

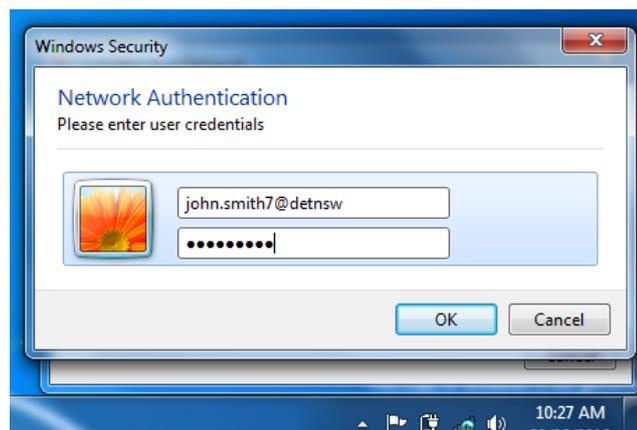
Select the **Wireless** icon in the Taskbar, down the bottom right of your screen. This will open up the small windows as seen on the left.

Step 2:

Select **detnsw**, check the **Connect automatically** (if you wish to automatically join this network) tick box and then click **Connect**.

Step 3:

When the **Windows Security** window appears, enter your DET username and password as shown. Be sure to append the **@detnsw** to the end of your username.



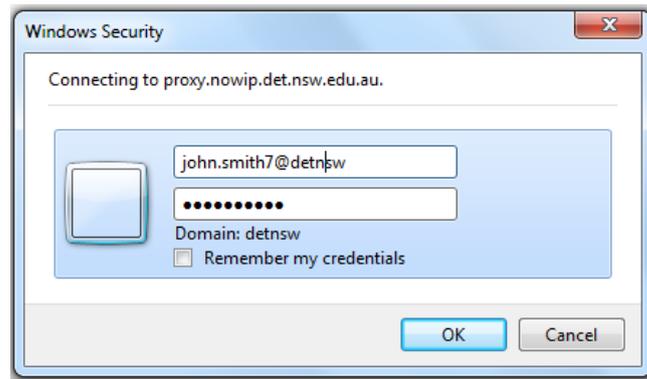


Step 4:

If the connection was successful, the Wireless window will now show **Connected** next to **detnsw**.

Step 5:

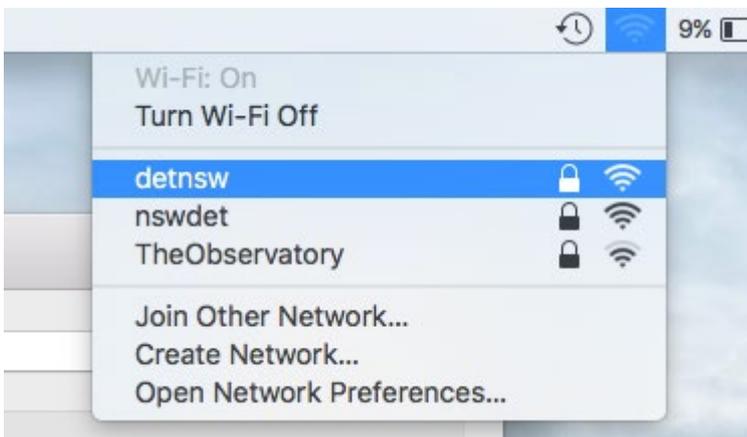
Upon opening your browser, you will again be prompted for DEC credentials. Enter them the same way you have previously and you should now be able to access the internet.



Apple

While the steps for both Max OSX (MacBooks) and iOS (iPads, iPhones) are quite similar, the appearance of the user interface is drastically different so the steps for each will be covered separately.

Mac OSX (Macbook)



Step 1:

Click the  icon in the top right side of your screen. This will open up a drop down menu, from which you select **detnsw**.



Step 2:

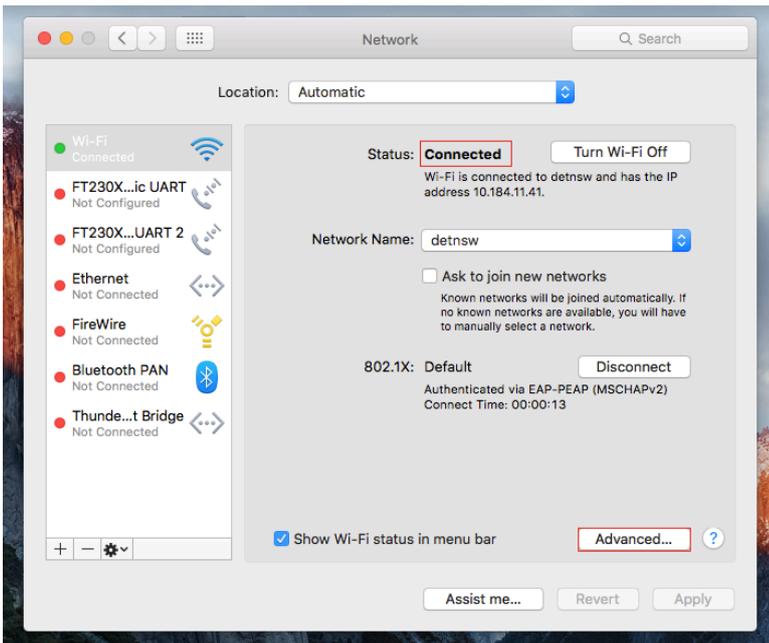
You will then be presented with a dialogue box asking for your credentials. Enter your DEC username and password, being sure to use the @detnsw.

Step 3:

If you want your Mac to connect to the school's network automatically, tick the **Remember this network** checkbox.

Step 4:

After hitting Join, the Mac will try to connect to the network. Click the  icon again, and select **Open Network Preferences...** down the bottom. The following window will open.

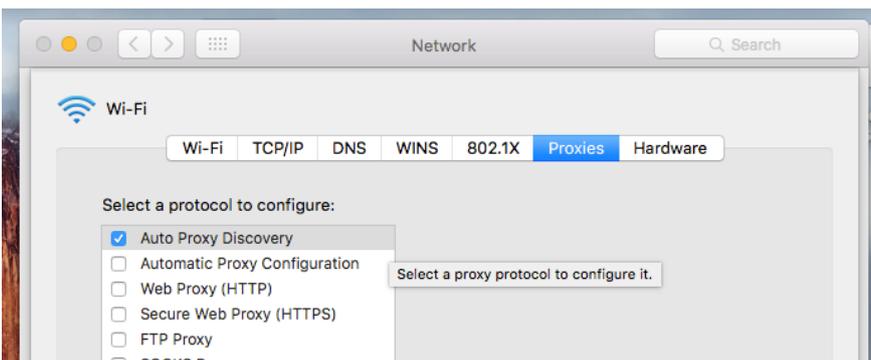


Step 5:

Wait for the Status to eventually reach **Connected** if it already isn't. If it can't connect, select **detnsw** from the dropdown box next to Network Name: and try again, making sure to carefully enter your credentials correctly.

Step 6:

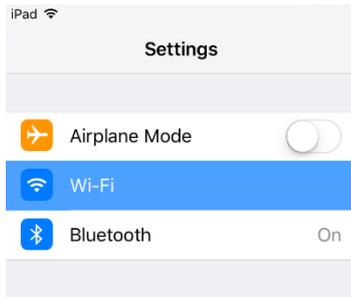
Once connected, click on the Advanced button in the bottom right.



Step 7:

In the newly opened window, select the **Proxies** tab, and tick the **Auto Proxy Discovery** option. Finally, click okay. And then from the previous window, select **Apply**.

iOS (iPhone/iPad)



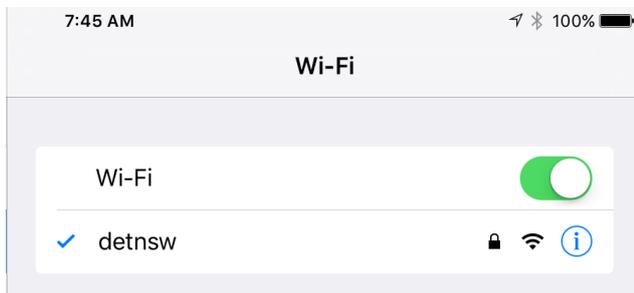
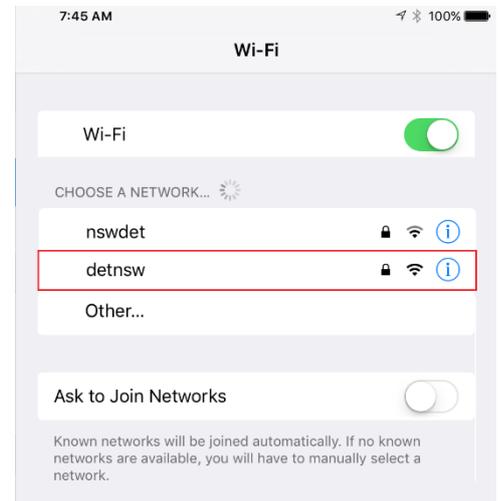
Step 1:

From the home screen, find and select the **Settings** icon. From there, select the option from the scrolling side menu.

Step 2:

Next, select from the list of networks. Upon doing so, you will be prompted to enter your DEC credentials. Enter them now, making sure to add the **@detnsw** to the end of your username.

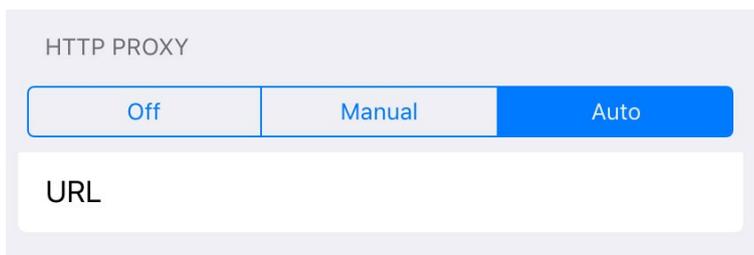
Note: After entering your credentials and proceeding, you may be asked about a trust certificate. Select **Trust** on the right hand side.



Step 3:

When the blue tick appears next to **detnsw**, you'll know you've successfully connected. Now, we have to change just one setting before accessing the internet.

Select the  icon next to **detnsw**.



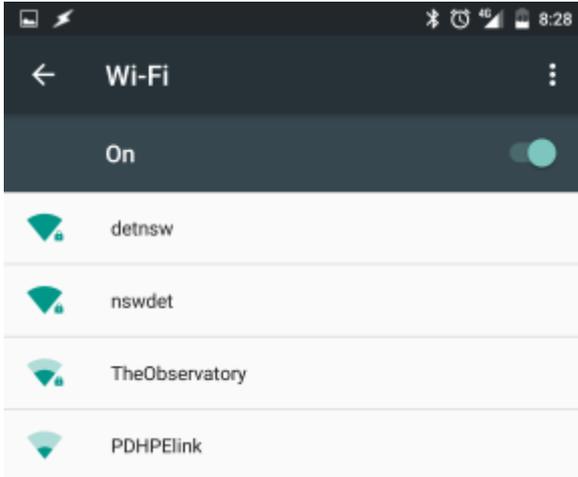
Step 4:

Scroll all the way down to the HTTP Proxy section, and change it from **Off** to **Auto**, as seen on the left.

Head back to the home screen and open up Safari/Chrome to test your connection. You will again be prompted for your DEC credentials.

Android

There are many different versions of AndroidOS, far too many to list individually in fact, however they are all built on the same platform so the setup steps below should be universally applicable.



Step 1:

Navigate to the **Settings** menu for your android device and then select **Wi-Fi**. In the following screen, select **detnsw**.

Step 2:

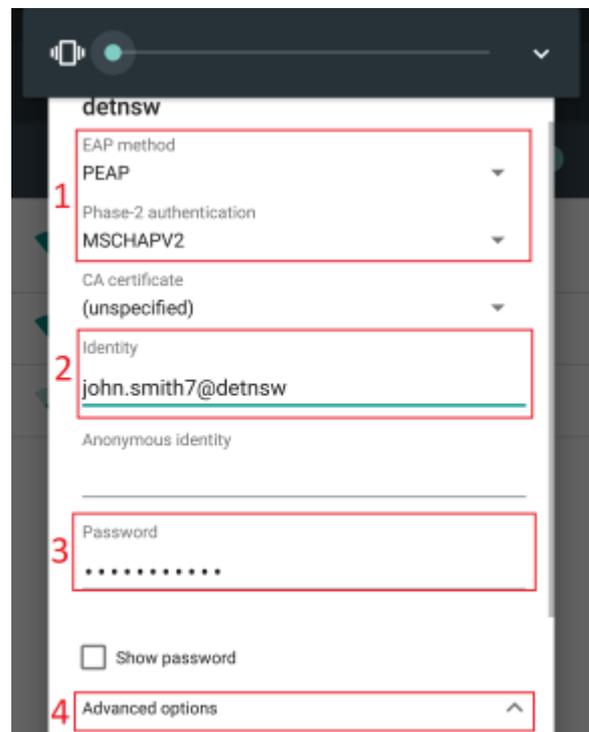
You will now be presented with a number of different settings. The screenshot below details what you need to do for each.

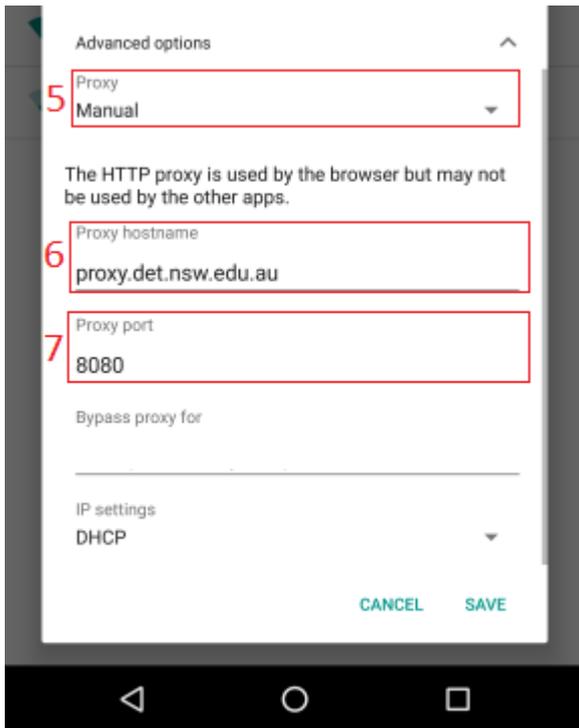
1. Make sure EAP method is set to **PEAP** and Phase-2 Authentication is set to **MSCHAPV2**

2. In Identity, enter your DET username with the **@detnsw**

3. Then enter your DET password

4. Finally, select the arrow to the right of Advanced options to drop down some additional settings.





5. Change the Proxy setting from **None** to **Manual**

6. In proxy hostname, enter **proxy.det.nsw.edu.au**

7. For proxy port, enter **8080**

Step 3:

Finally, click hit Save and the window will close. Your phone will now try to connect to the detnsw network.

Step 4:

Once connected, you will now be able to open up Chrome or whichever browser your device uses, and try to access the internet. You will again be prompted for your username and password, which you enter the same as you did earlier. If it doesn't work, go back through the settings and make sure everything is correct.

Once Connected:

When you remove your BYOD Windows / MAC device from the school network and connect it to another network (say your home wifi) you will need to re-login to this portal once you have re-connected to the school's wifi to be able to start browsing the internet.

Enter the following link into your URL bar:

<http://detnsw.net>



It is a good idea to bookmark or favourite the link in the browser you use most frequently. So you can access this login page easily each day if needed.

It may sometimes prompt you with a small white window that reads ".....proxy6080....." If you are prompted with this box, enter your username@detnsw and password. It may ask you to re-enter these credentials multiple times before it accepts them.

You should end up on a page that looks like this.

Enter your username = username@detnsw and password again and click Login.

A screenshot of a web portal titled "DOE INTERNET AT EDGE AUTHENTICATION PORTAL". The main heading is "DoE Login is Required to access the Internet". Below this, there is a blue silhouette of a person with a padlock icon over their chest, and the text "You are required to identify yourself to enable access to the Internet." To the right, there is a login section titled "Log in with your DoE account" with the instruction "in the form of firstname.lastname@detnsw" and an example "john.doe7@detnsw". Below this are two input fields: "User" and "Password", followed by a "LOGIN" button.

Once accepted, a credentials save box will appear in the top right of the screen, you will want to click the "save" button.

Good luck!