Connecting iOS devices to the DER network.

Authentication

Username

Password

#+=

ABC

•••••2

return

darren.johnstone

1 2 3 4 5 6 7 8 9 0

- / : ; ( ) \$ & @ "

?!'

space



- 4. type in username@detnsw and password
- 5. Accept the certificate
- 6. Click the blue 'i'
- 7. Click 'manual'

Server: proxy.det.nsw.edu.au Port: 8080 Authentication: Turn on Type in username and password (don't add '@detnsw')

#### Open up the 'Charms Bar' and click 'Settings'.

You can do this by swiping from the right (touch devices) or holding the mouse in top right-hand corner of the screen.

![](_page_1_Picture_3.jpeg)

Click on the Wif-Fi icon, right above the word 'Available'.

![](_page_2_Picture_2.jpeg)

![](_page_3_Figure_1.jpeg)

Click on 'nswdet'.

CONNECTING A WINDOWS 8.1 DEVICE TO THE DER NETWORK.

Click 'Connect' with 'Connect automatically' selected.

![](_page_4_Picture_2.jpeg)

#### Sign in using first.last#@detnsw

That is, your first name.last name, a number if you have one, then @detnsw

![](_page_5_Picture_3.jpeg)

![](_page_6_Figure_1.jpeg)

#### **Click 'Connect'.**

![](_page_7_Picture_1.jpeg)

A short wait...

CONNECTING A WINDOWS 8.1 DEVICE TO THE DER NETWORK.

This time enter first.last# and password. No @detnsw this time! Then press 'OK'.

![](_page_8_Picture_2.jpeg)

Before you connect to the school Wi-Fi you should create a school profile on your Mac

Click the Wi-Fi icon on the menu bar, then click 'Open Network Preferences'.

![](_page_9_Picture_3.jpeg)

#### At the Location: box, click 'Edit Locations...'.

••• < >	Network	Q Search
Locati	Automatic on ✓ School	3
• Wi-Fi	Edit Locations Status: Off	Turn Wi-Fi On
Bluetooth PAN     Not Connected		
ThundIt Bridge     Not Connected	Network Name: Wi-Fi: Off	si 🗘

Click the + sign and create a location called 'School'

![](_page_10_Picture_2.jpeg)

Now click on the Wi-Fi option again and select 'nswdet'.

![](_page_11_Picture_2.jpeg)

### Type in first.last#@detnsw, and password. Clck Join.

(is, first name.last name and a number of you have one, followed by @detnsw

When you get a 'certificate message', accept it.

	The Wi-Fi network "nswdet" requires WPA2 enterprise credentials.
	Mode: Automatic \$
	Username: stephen.turner18@detnsw
	Password: ••••••
	Show password
	Remember this network
?	Cancel Join

Go back to your network settings and click 'Advanced'.

![](_page_13_Picture_2.jpeg)

#### Select 'nswdet', then Proxies.

🔶 Wi-	Fi				
	Wi-Fi TCP/IP DN	IS WINS 802.1X	Proxies	Hardware	
	Preferred Networks:				
	Network Name	Security			7
	Darren's Wi-Fi Network	WPA2 Pers	sonal		-
	nswdet	WPA2 Ente	erprise		
	HP-Print-b6-LaserJet 400	MFP None			
	iPhone	WPA2 Pers	sonal		
	+ - Drag networks into t	he order you prefer.			
	Remember networks this	s computer has joined	I		
	Pequire administrator autho	prization to:	I		
	Change networks	omputer networks			
	Wi-Fi Address: 60:f8:1d:co	l:07:a6			
2				Cancel	ОК

### Type in the information as below into 'Web Proxy (HTTP)', using your username and password.

No @detnsw this time!

				Netw	ork			Q Search
🔶 Wi-Fi								
	Wi-Fi	TCP/IP	DNS	WINS	802.1X	Proxies	Hardwa	ire
Select	Select a protocol to configure:			Web	Proxy Serv	/er		
□ A	<ul> <li>Auto Proxy Discovery</li> <li>Automatic Proxy Configuration</li> <li>Web Proxy (HTTP)</li> <li>Secure Web Proxy (HTTPS)</li> </ul>		pro	proxy.det.nsw.edu.au			: 8080	
<ul> <li>A</li> <li>V</li> </ul>			<b>V</b> P	Proxy server requires password				
			L	Jsername:	darren.joh	nstone		
	IP Proxy	/		F	Password:	•••••		
	<ul> <li>SOCKS Proxy</li> <li>Streaming Proxy (RTSP)</li> <li>Gopher Proxy</li> </ul>							
Exc	Exclude simple hostnames							
Bypass proxy settings for these Hosts			ts & Dorr	nains:				
*.local	*.local, 169.254/16						N.	
✓ Use Passive FTP Mode (PASV)								
?							Canc	cel OK

Do the same for the 'Secure Web Proxy (HTTPS)'.

![](_page_16_Picture_2.jpeg)

### When you get home, click the Apple icon, then Location, then Automatic.

When you are at school, click the Apple icon, then Location, then School.

![](_page_17_Picture_3.jpeg)

#### Connecting your own device to school wifi Windows 7 laptops

1. Click on the wireless connection icon at the bottom right of your screen.

![](_page_18_Picture_2.jpeg)

2. Select nswdet wireless and click Connect.

![](_page_18_Picture_4.jpeg)

If it's successful enter your internet username and password, but put **@detnsw** at the end of your username. Then jump to Step 14.

If it fails to connect, don't worry. Click **Cancel**.

3. Click Open Network and Sharing Centre.

![](_page_18_Picture_8.jpeg)

![](_page_18_Picture_9.jpeg)

![](_page_18_Picture_10.jpeg)

6. Enter the details as per the picture below and click **Next**.

Ð	Manually connect to a wi	reless network	Of Research
	Enter information for t	the wireless network you want to add	
	N <u>e</u> twork name:	nswdet	
	Security type:	WPA2-Enterprise	
	Encryption type:	AES	
	Se <u>c</u> urity Key:	<u>H</u> ide characters	
	Start this connection a	automatically	
	Connect even if the n	etwork is not broadcasting	
	Warning: If you select	this option, your computer's privacy might be at risk.	
		Next	Cancel

![](_page_18_Picture_13.jpeg)

8. Go to the **Security** tab and make the details are as follows and then click

Settings.

![](_page_18_Picture_16.jpeg)

![](_page_19_Picture_0.jpeg)

#### Connecting your own device to school wifi

9. Untick this option.

![](_page_19_Picture_3.jpeg)

10. Click on **Advanced** settings.

	7
Connection Security	
Security type:	WPA2-Enterprise 👻
Encryption type:	AES 🔹
Choose a network a	uthentication method:
Microsoft: Protecte	d EAP (PEAP)
Demember my cr	adaptials for this connection each
M Kemenber my e	eventuals for a lis connection each
time I'm logged o	n
time I'm logged o	ps
time I'm logged o	ps
time I'm logged c	ps
time I'm logged c	ps
time I'm logged c	

11. Change the settings as per the picture below and click **Save credentials**.

![](_page_19_Picture_7.jpeg)

Put your internet username and password.
 Add @detnsw at the end of your username.

Save creder	ntials
Saving your cre when you're no	edentials allows your computer to connect to the network ot logged on (for example, to download updates).
NVZ	stephen.turner18@detnsw

13. You should now be connected the the internet. Reselect the nswdet connection and connect manually if required.

![](_page_19_Picture_11.jpeg)

14. Open your internet browser. You will be asked to enter your username and password again. This time <u>don't</u> put @detnsw at the end of your username.

#### Connecting your own device to school wifi Chromebook

These instructions are for your own personal Chromebook.

1. Turn on your Chromebook and sign in as usual.

Your Chromebook may ask you to select a WiFi network first. Select **nswdet**.

![](_page_20_Picture_4.jpeg)

- Fill in the screen as per the details below.
   SSID: nswdet
   EAP method: PEAP
   Phase 2 authentication: Automatic
   Server CA certificate: Default
   User certificate: None installed
   Identity: your portal username with
   @detnew at the end. (eg.
   laura.bell@detnsw)
   Password: your portal password.
   Anonymous identity: leave blank
- On the bottom right hand corner, click on the WiFi symbol. Then click on No network and nswdet.
- 4. Click on Settings.
- 5. Put a tick next to Allow proxies for shared networks.

![](_page_20_Picture_9.jpeg)

- 6. Click on the WiFi symbol on the bottom right hand corner of the desktop again and click on **Connected to nswdet**.
- Click on nswdet. This will open up a window with Connection and Proxy tabs. Click on Proxy and fill in the details like the screenshot below.

![](_page_20_Picture_12.jpeg)

8. Open the Chrome browser and go onto any internet site. You will be asked to fill in your portal username and password. Type in your portal username and password.

### Connecting your own device to school wifi Android devices

![](_page_21_Picture_1.jpeg)

 Go to Settings > Wireless & networks > WiFi settings.

	The part of the standard beauting and the		
Hellings	wireless & network settings		
Vireless & networks	Airplane mode Disable all wireless contractions		
Call settings	Wi-Fi		
O CyanogenMod settings	Wi-Fi settings		
ADWLauncher	Bluetooth Ture an Bluetooth		
40 Sound	Bluetooth settings Manage connections, set device name & discoverability		
L Profiles	Tethering & portable hotspot. Share your phone's mobile data connection via USB		
O Display	VPN settings		
E Location & security	Set up & manage Virtual Private Networks (VPN) Mobile networks		
Applications	Set options for marring, networks, APNs		

- 2. Wait for your device to do a scan.
- 3. If you can see nswdet, wipe previous configurations. DO NOT CONNECT.

![](_page_21_Picture_6.jpeg)

Depending on if you have attempted to connect previously, you will get either of these menus:

![](_page_21_Picture_8.jpeg)

4. Click Add a Wi-Fi network.

![](_page_21_Picture_10.jpeg)

5. Enter the settings as per the picture below and press **Save**.

![](_page_21_Picture_12.jpeg)

 You will be asked to authenticate. Enter your portal username and password. Add @detnsw at the end of your username.

Username: firstname.surname@detnsw Password: your portal password

You will need to put the proxy settings into your browser. Seek technical support.