

# **BYOx DoE**

Connecting to BYOx with a Mac OS-X Device v3.0



Great state. Great opportunity.

## **BYOx DoE**

## Connecting with an OS-X Device

This process outlines how staff and students with DoE identities can connect to BYOx using an Apple Mac device. Different OS-X versions or devices may vary slightly.

### Prerequisites

- **Must** be a DoE user (i.e. have a DoE identity and login details).
- **Must** be added to the Staff or Student Active Directory group (<schoolcode>GG\_UsrBYO<Staff/Student>).
- **Must** have an Administrator user account on your MacBook (Installing certificates in Mac OS-X requires an administrator account name and password.).
- The device **must** be password protected and in the correct time zone (UTC+10:00 Brisbane).

#### Connecting to BYOx network as a Staff member or Student

1. In the top right corner of the home screen, click the Wifi icon and select "DETE-Guest" in the dropdown menu.



2. Open a browser (preferably Safari) and attempt to navigate to a non-https website (i.e. http://www.cnn.com).

×.	Safari	File	Edit	View	History	Bookmarks	Window	Help
		< >					😒 www.cn	n.com
						_	Siri Sugge:	.com — CNN
k							Google Su Q www	ggestions w.cnn.com

 You will be redirected to a BYOx login page. Type in "domain\username" and password. Read and tick "I agree to the terms and conditions". Then click "Sign On".

Incoroopilly Inc	looroopilly SHS		
Sign On			
Welcome to the Guest Portal.	Username:		
	•		
	( <u> </u>	)	
	Password:		
	6		
	The Department of Education, Training and Employments computer network and Information, Communication and Technology (ICT) facilities are available only for approved users for approved purposes. Different users are allowed different types of access		
	When using the network and facilities you must act at all times		
	lawfully and in line with the rules that apply to you.		
	E.g for staff – the Code of Conduct		
	E.g for students – the Code of School Behaviour		
	Unauthorised use may result in disciplinary action being taken against you. If the Department reasonably suspects you are using the network and facilities in a manner that constitutes a crime, the Department will refer the matter to the police.		
	Your use of the network, including your use of the Internet and email is monitored by Information and Technologies Branch and any wrongdoing can be traced. Information you enter, access and store in the Department's network can be		
	I agree to the terms and conditions		

4. Click "Start" button.

🗎 guestportal.byo.eq.edu.au	C	<u>Å</u> 6
lly SHS		
1 2 3		
Access to this network requires your device to be configured for enhanced security. Click Start to provide device information befor components are installed on your device.	re	
Start		
	guestportal.byo.eq.edu.au  IV SHS	guestportal.byo.eq.edu.au

5. Type in "Device Name", then click "Continue" button.

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4	PINDOOROOPILLY STATE HIGH SCHOOL	Indooroopilly SHS		
		2 3		
	Device Information			
		Enter the Device Name and optional description for this device can manage it using the MyDevices Portal. Device Name: *	e so you	
		Macbook Air		
		Description:		
		MacOSX High Sierra		
		Device ID: 34:36:3B:7B:28:4C		
		Continue		
		Continue		

6. Cisco Network Setup Assistant installation file will be automatically downloaded via Safari. Click the download icon in top right corner. Then click the .tar file once the download is complete which will unzip the .dmg file and extract it to the Downloads folder in Finder.

	guestportal.byo.eq.edu.au	Ċ	0 1 6
	Indooroopilly SHS		Downloads SPW.tar 307 KB
Install	3		
motan	Please wait while we download the Cisco Network Setup Assistant. will then need to manually run the Setup Assistant and follow the instructions to finish registering this device.	You	



7. Double click the "Cisco\_Network\_Setup\_ Assistant.dmg" file to launch the application.

 In the left pane of Finder, a new device will appear with name "Cisco\_Network\_Setup\_ Assistant". Click it. Then a Cisco Network Setup Assistant icon will appear in the right pane. Double click the icon.

	cisco_network_setup_assistant	
$\langle \rangle$		Q Search
Favorites Applications Downloads AirDrop Recents Documents Cicloud Drive Desktop Devices Remote Disc	Cisco Network Setup Assistant	

9. Select 'Open'.



10. Click "Start".



11. Click "Continue" to accept the certificate.



12. Enter your personal Mac device Administrator password as required and select "OK".

Profiles (Ce certificate f	rtificates) is trying to trust a rom a user configuration profile.
Enter your pas	sword to allow this.
User Name:	BYOx
Password:	•••••
	Cancel

13. Enter your personal Mac device Administrator password again as required and select "OK".

certificate f	rom a user configuration profile.
Enter your pas	sword to allow this.
User Name:	BYOx
Password:	•••••

14. Wait for a few seconds till this application downloads all the required certificates and end device profile. Depending on the specification of the Macbook, it might take a bit longer with a slower CPU.



15. Click "Exit" after the green tick appeared.



16. In Spotlight Search, please type in "Keychain Access" then hit Enter key which will launch Keychain Access app.

Keychain Access	in
TOP HIT	
🐐 Keychain Access — Utilities	
SIRI SUGGESTED WEBSITES	0
macworld.com	61
support.apple.com	
support.apple.com	1TN
DEFINITION	
Keychain Access	
WEB VIDEOS	Kayahain Aagaag
Keychain Access on Mac OS X - Tu	Version: 10.0
WEBSITES	veraidit. 10.0
support.apple.com	

17. In the Keychain Access app, click "login" option in the left pane, then scroll down the right pane and look for the downloaded personal certificate whose name is the same as end user's EQ AD username. Then double click the personal certificate.

	Keychain Access				
Click to lock the	login keychain.			Q Sear	ch
Keychains for login for Local Items System System Roots	Byn\ss-zbeeb42 Issued by: EXTISSICA Expires: Monday, 31 August 2020 at 10:58:01 am Australian Eastern Standard Time     'ght]ss-zbeeb42* certificate is not trusted				
	Name	Kind	Date Modified	Expires	Keychain
	com.apple.scopedbookmarksagent.xpc	application password	29 Jun 2015 at 4:17:57 pm	-	login
	CommCenter	application password	22 Aug 2016 at 12:41:14	**	login
	/ CommCenter	application password	27 Sep 2016 at 11:54:14 a		login
	4. detebyod@gmail.com	application password	10 Jul 2018 at 1:23:19 pm		login
	gbn\ss-zbeeb42	certificate	(66	31 Aug 2020 at 10:58:01	login
	ds: identity-rsa-key-pair-signature-v1	application password	9 Jun 2015 at 3:37:55 pm	54 C	login
	🛴 ids: identity-rsa-private-key	application password	9 Jun 2015 at 3:37:55 pm		login
	💪 ids: identity-rsa-public-key	application password	9 Jun 2015 at 3:37:54 pm		login
	🛵 ids: message-protection-key	application password	27 Sep 2016 at 11:54:14 a	**	login
0	4. ids: message-protection-public-data-registered	application password	Yesterday, 1:26 pm	**	login
Category	🛴 ids: personal-public-key-cache	application password	15 Jan 2017 at 12:08:32 p		login
※ All Items	4. ids: personal-public-key-cache-v2	application password	22 Feb 2017 at 9:17:13 am		login
. Passwords	1 ids: personal-session-token-cache-v3	application password	Today, 10:50 am	**	login
· · · · · · · · · · · · · · · · · · ·					

18. A new window will pop up with the details about this certificate. Apparently, this certificate is not trusted which Apple has changed in MacOSX High Sierra. Click the triangle right to "Trust".

	gbn\ss-zbeeb42		
Centificate Standard Tir	eeb42 XTISS1CA nday, 31 August 2020 at 10:58:01 am Australian Eastern me		
😲 "gon\ss-2	peeps2" certificate is not trusted		
r nust V Details			
Subject Name			
Country	UA		
State/Province	QLD		
Locality	Brisbane		
Organization	Department of Education and Training Operational Security		
Organizational Unit			
Common Name	gbn\ss-zbeeb42		
Issuer Name			
Domain Component	au		
Domain Component	edu		
Domain Component	eq		
Domain Component	res		
Common Name	EXTISSICA		

	g	gbn\ss-zbeeb42
Certificate Subsection Standard	<b>zbeeb42</b> EXTISS1CA Ionday, 31 Aug Time	gust 2020 at 10:58:01 am Australian Eastern
🕲 "gbn\ss	-zbeeb42" cert	ificate is not trusted
▼ Trust		
When using th	is certificate:	Use System Defaults 🜍 ?
	(0.01)	· · · · · · · · · · · · · · · · · · ·
Secure Sockets	Layer (SSL)	no value specified
Secure M	lail (S/MIME)	no value specified
Extensible Authent	cation (EAP)	no value specified
IP Sec	urity (IPsec)	no value specified 🛛 😂
(	ode Signing	no value specified
ті	ne Stamping	no value specified
X.509	Basic Policy	no value specified
▼ Details		
Subject Nam	0	
Countr	y AU	
State/Provinc	e QLD	
Localit	v Brisbane	

19. Click the blue colour menu option right next to the "Use System Defaults".

20. Select "Always Trust" in the dropdown menu option instead of "Use System Defaults".

	g	gbn\ss-zbeeb42		
Genificate Successful Section 2015 Standard Ti Standard Ti Standard Ti	beeb42 EXTISS1CA inday, 31 Augu ime zbeeb42 " certii	ust 2020 at 10:58:01 am Au ficate is not trusted	stralian Eastern	
Trust				
When using this	certificate 🗸	Use System Defaults	?	
Secure Sockets   Secure Ma	.ayer (SSL il (S/MIME)	Always Trust Never Trust no value specified		
Extensible Authentic	ation (EAP)	no value specified		
IP Secu	rity (IPsec)	no value specified 📀		
Co	de Signing	no value specified 🛛 😂		
Tim	e Stamping	no value specified 📀		
X.509 E	lasic Policy	no value specified 🛛 📀		
▼ Details				
Subject Name				
Country	AU			
State/Province	QLD			
Locality	Brisbane			

• • •	g	bn\ss-zbeeb42	
Centificate Issued by: E Expires: Mon Standard Tir	eeb42 XTISS1CA nday, 31 Aug ne	ust 2020 at 10:58:0	11 am Australian Eastern
😮 "gbn\ss-2	beeb42" certi	ficate is not trusted	i
<ul> <li>Irust</li> <li>When using this</li> </ul>	certificate:	Always Trust	• ?
Secure Sockets L	ayer (SSL)	Always Trust	0
Secure Mail (S/MIME)		Always Trust	0
Extensible Authentication (EAP)		Always Trust	0
IP Security (IPsec)		Always Trust	0
Code Signing		Always Trust	0
Time Stamping		Always Trust	0
X.509 Basic Policy		Always Trust	0
▼ Details			
Subject Name			
Country	AU		
State/Province	QLD		
Locality	Brisbane		

21. Then close the window by clicking the red colour dot in the top left corner.

22. Enter your personal Mac device Administrator password to update the setting.



23. Your MacBook will be connecting to DETE-BOYx network now.

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	Wi-Fi: Looking for Networks Turn Wi-Fi Off				
	✓ DETE-BYOx	Α	(îr		
	AaronPB	-	((1-		
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24. Launch a browser and navigate to any webpage. Enter your DoE network username and password when prompted and click "Log in" button. You will be prompted to enter your DoE username and password every eight hours.

Chrome File Edit View History Bookmarks Peo	ple Window Help		⑦ ■ Mon 1:11 pm
← → X 🗋 cnn.com			
	Authentication Required The server http://www.cfauth and password. The server sa User Name:	x .com:80 requires a username ys: MISidap.	
	Password:	Cancel Log In	

25. Your onboarding process is complete.