Installation Guide

of

VPN for MAC

Education Bureau (EDB)

Version: 1.4

Dec 2022

For Mac users, you must logon the VPN before you can access EDB Portal via Internet.

Use your browser to access <u>https://portal.edb.gov.hk</u>, then you will redirect to VPN logon page: <u>https://vpn.edb.gov.hk/2fa</u>

Alternatively, you can directly access the VPN link: <u>https://vpn.edb.gov.hk/2fa</u>

It is required to install the VPN by the following installation:

- Certificate Installation
- VPN Client Installation

Certificate Installation

1. Right click and download the 2. Root CA certificate under the following link:

https://intranetsup.edb.gov.hk/irooms/help/vpnforportal.html

Or click the circled link under the logon page

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		10 E	lucation Bureau		
		😏 🛍	Comment of the Yong Ko	ng Special Administrative Region	
		EDB Deat	1/6	Contract)	
		EDB Port	al (Common Lo	igon System)	
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		見入			
		Please click	Dere to install VPI	V oackage before	
		first time lo			
		Create Acco	ount / Forget Passo	word? Click here	
		Learn more			
-					

2. Double click the Root CA 256.



3. Click "Trust" and select "Always Trust".

		Root CA 256
Certificate	Root CA 256 Root certificate authorit Expires: Wednesday, 31 Chis root certificate is	y July 2024 at 4:00:08 PM Hong Kong Standard Time s not trusted
Whe	n using this certificate:	✓ Use System Defaults ?
Secur	e Sockets Layer (SSL)	Always Trust Never Trust
	Secure Mail (S/MIME)	no value specified
Extensible	Authentication (EAP)	no value specified
	IP Security (IPsec)	no value specified
	iChat Security	no value specified
	Kerberos Client	no value specified
	Kerberos Server	no value specified
	Code Signing	no value specified
	Time Stamping	no value specified

4. Close the tab.

•••		Root CA 256	
Certificate	Root CA 256 Root certificate authority Expires: Wednesday, 31 This root certificate is	y July 2024 at 4:00:08 PM Hor not trusted	ng Kong Standard Time
wh	en using this certificate:	Always Trust	?
Secu	ire Sockets Layer (SSL)	Always Trust	
c	Secure Mail (S/MIME)	Always Trust	
Extensib	le Authentication (EAP)	Always Trust	
	IP Security (IPsec)	Always Trust	
	iChat Security	Always Trust	
	Kerberos Client	Always Trust	
	Kerberos Server	Always Trust	
	Code Signing	Always Trust	
	Time Stamping	Always Trust	
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5. Login your Mac and Click "Update Settings".

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	Certificate	Root CA 256 Root certificate authorit Expires: Wednesday, 31 This root certificate is		You are ma Trust Settin	king ch ngs. Ty	anges to th pe your pas	e System Certificate sword to allow this.
n	Wh	en using this certificate:	AN				
	Secu	re Sockets Layer (SSL)		Username:	EDB		
rc		Secure Mail (S/MIME)		Password:			
n n	Extensibl	e Authentication (EAP)					
l		IP Security (IPsec)				Cancel	Update Settings
		iChat Security	Always Trust	\$			System
l		Kerberos Client	Always Trust	•			
l		Kerberos Server	Always Trust	\$			
		Code Signing	Always Trust	\$			
		Time Stamping	Always Trust	\$			
l			c <u> </u>				

6. The Root CA Certificate will be added to your Mac.

Ś	Keychain Acc	ess	File	Edit	View	Window	Help						MEM 33%
•	•									Keychain Access			
	Click to unlock the	System	n keych	ain.									
	Keychains					_							
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<u>_</u>	Local Items	1000 -1000	ž 🚔	Expi	res: Wedn	e authority esdav. 31 Jul	2024 at 4:00	:08 PM Hong Kong Standa	ard Time				
	System		100	O Th	nis certific	ate is marked	as trusted for	all users					
	System Roots												
		Name				Ki	nd	Date Modified	Expir	res	~ 1	Keychain	
		20	Apple \	Vorldw	tification.	Authority ce	rtificate		8 Feb	b 2023, 5:48:47 AM	S	System	
		- 5	Root C	A 256		ce	rtificate		31 Ju	ul 2024, 4:00:08 PM	I S	System	
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VPN Client Installation

1. Firstly, go to download the VPN package from the following link: <u>https://intranetsup.edb.gov.hk/irooms/help/mac_f5vpn.pkg</u>



- 2. Double click the download package file for installation.
- 3. If the following error message is popup: "mac_f5vpn.pkg" can't be opened", please go through from step 4 to step 8. Otherwise, please go directly to step 9.

0	"mac_f5vpn.pkg" can't be opened because it was not downloaded from the Mac App Store.
	Your security preferences allow installation of only apps from the Mac App Store.
	Safari downloaded this file today at 5:50 PM from www.edb.org.hk.
?	ОК
Ô	' EAC ' can't be opened because Apple cannot check it for malicious software.
	This software needs to be updated. Contact the developer for more information.
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4. Click "Open in Finder"



5. Go to "Download"

	📴 Downloads			
$\langle \rangle$			Q Searc	
Favorites	Name	Size	Kind	Date Added
AirDrop	😻 mac_f5vpn.pkg	29.3 MB	Installackage	Today, 5:44 PM
All My Files				
iCloud Drive				
Applications				
Desktop				
Documents				
Downloads				
Tags				
Red				
Orange				
Yellow				
Green				
Blue				
Purple				

6. Select "mac_f5vpn.pkg" and then drag to "Application"



7. Right click "mac_f5vpn.pkg" and then click "open"



- Applications ... < > Favorites IN PUR () AirDrop 4.4 All My Files iWeb iTunes Movie iCloud Drive Applications Desktop Documents Mail O Downloads Launchpad mac f5vpn.pkg Tags Red "mac_f5vpn.pkg" is not from the Mac App Store. Are you sure you want to open it? Orange Opening "mac_f5vpn.pkg" will always allow it to run on this Mac. Yellow ontrol 0 Green Safari downloaded this file today at 5:44 PM from www.edb.org.hk. 0 Blue ? Open
- 8. Click "Open" to install it

9. Following screen will be prompted. Click "Continue"



10. Following screen will be prompted. Click "Continue"



11. Login your Mac and click "Install"

• Introduc	Installer is try your passwor	ying to install new software. Type rd to allow this.	
Destinat	Username: E	DB	oftware r will be
Installat	Password:		r win be
Installati			
Summar	-	Cancel Install Software	
		Change Install	Location
		Go Back	Install

12. The installation was successful. Click "Close".

• • •	🥪 Install F5 VPN 🔒
 Introduction Destination Select Installation Type Installation Summary 	The installation was completed successfully. The installation was successful. The software was installed. Go Back Close

Your first time VPN logon experience via MAC

1. You are required to connect VPN when you are required to access EDB Portal via Internet. You can simply go to <u>https://portal.edb.gov.hk</u> and will redirect to the VPN logon page.



- 2. Sign in your EDB Portal account.
- 3. Then you are required to logon with the one-time password on your Microsoft Authenticator at that moment.



4. Click "Allow" when the following message prompt.

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	F5 Dynamic Webtop		+
Education Bureau The Government of the Hong Kong Special Administrative Reg	S Walting for Network Access Application status	×	
	Browser is waiting for status from Network Access Application.		
	Please confirm that this application is launched and is not waiting for your input. This app be behind other windows on your desktop.	plication may	
	More options		
Network Access ~		Education Bureau	
EDB VPN			
	Do you want to allow this page to open "F5 VPN"?		
	Cancel Allow		

5. The following dialog box is prompted for your first time logon. Click "Add allow VPN connection from this site", then this will NOT prompt again for your next time logon.

F5 VPN - Security Warning	
 The site https://vpn.edb.gov.hk is attempting to start a Virtual Private Network (VPN) connection from your system. This site is not on your trusted site list. Always allow VPN connection from this site Allow VPN connection only for this session Do not allow VPN connection 	

6. VPN will be connected after a few seconds.

Connected					Disconnec
Traffic Type	Sent	Compression	Received	Compression	
Network Access					
 Network Tunnel 	164 B	0%	164 B	0%	
 Optimized Applications 	0 B	0%	0 B	0%	
Total	164 B	0%	164 B	0%	
Show actuals					

7. This shows that your VPN client is successfully connected.

S Dynamic Webtop X	vork_access_vpn&webtop=/Common,	/webtop_vpn&webtop_type= 👻 🔒 🖒
Education Bureau The Government of the Hong Kong Special Administrative Region		
	Search	Q
Network Access 🗸		
network_access_vpn		

8. Once the VPN connection is established successfully, an icon will appear in the system tray and



9. You can now access DP applications such as e-Payroll, e-Leave and CCGO Portal. Remember to sign out at the top right corner of EDB Portal and don't forget to close all the browser windows after successful logout.

繁體	My Sites	My Links 🕞	Ö	•
				Sign Out
		S	earch thi	is site My Settings
				Personalize this Page
			[Change My Password
	yer v E Windo	Vinning Entries Basic Law Pop- w Design Compe	of up etition	Hot Spots
				Catalogue of Research Projects by EDB
		Page		