

# Manual installation FortiVPN client (macOS)

### **Remote Access Microdata**

### Foreword

This document provides detailed instructions for obtaining the FortiVPN client on your macOS machine. This client is essential to connect to the Remote Access environment. Follow the steps below carefully to ensure a successful installation.

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## Installation preparation and system requirements

The system used to set up the Remote Access Microdata session must meet the following requirements. At CBS, we follow a T-1 policy, which means that the Horizon Client and OS must comply with specific criteria. Further information about this can be found on the RA information page.

#### **Required Internet Connectivity**

```
Below traffic to VPN gateway (87.213.43.223)
IPSEC and IKE (UDP on port 500)
FW1_scv_keep_alive (UDP port 18233)
HTTPS (TCP 443)
```

Note: If a FortiVPN client is already installed on this system, it should be uninstalled first.

# Installation of FortiVPN

Log into the workstation with an account that has sufficient permissions to install the FortiVPN software. The account should have rights to install software and to install a network adapter. Ideally, use an account with local administrator rights for this purpose.

- Open an Internet browser and download the FortiVPN client setup from this address: http://download.cbs.nl/FortiVPN\_MacOS.zip
- 2. Open the zip file and run the FortiClientUpdate setup file



#### 3. Press Continue or Ga door



### 4. Click on **Continue.**

	🥮 Install FortiClient	8
	Software Licence Agreement	
Introduction	English	
Licence	Fortinet Product License Agreement / EULA and Warranty Terms	
Destination Select	Trademarks and Copyright Statement	
<ul> <li>Installation Type</li> </ul>	other Fortinet ames herein may also be trademarks, registered or otherwise, of Fortinet. All other product or company names may be trademarks of their respective	
Installation	subject to change by Fortinet without prior notice. No part of this publication may be	
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APE	Print Save Go Back Continue	

5. On the next screen, click on Agree.



6. Select "Install for all users on this computer" and click on Continue.

	Install FortiClient	A
	Select a Destination	
<ul><li>Introduction</li><li>Licence</li></ul>	How do you want to install this software?	
Destination Select     Installation Type	Install for all users of this computer	
<ul><li>Installation</li><li>Summary</li></ul>		
	Installing this software requires 205,9 MB of space. You have chosen to install this software for all users of this computer.	
	Go Back Continue	

7. Click on **Install** to start the installation.



8. If below screen shows up, click on Allow.

"FortiTray" Wo VPN Conf	ould Like to Add igurations
All network activity filtered or monitore	on this Mac may be ed when using VPN.
Allow	Don't Allow

9. The same applies for below screens, click on **Allow.** 

		2
ss "FortiClier er. files in ye	nt" would like to access our Documents folder.	5
Don't All	low Allow	
2	ess "FortiClie er. files in y Don't Al	ess er. "FortiClient" would like to access files in your Documents folder. Don't Allow Allow

 After the installation, check whether the FortiVPN client has write permissions on the file system. Browse to System settings / Security and privacy / Full Disk Access Make sure "fctservctl2" is checked.

Search	Allow the applications below to access data like Mail, Message	es, Safari,
🔊 Wi-Fi	<ul> <li>Home, Time Machine backups and certain administrative setti users on this Mac.</li> </ul>	ngs for all
Bluetooth	Com ymware carbonblack cloud se-agent extension	
🕑 Network	Contention of the content of the con	
VPN	🕎 EditRocket	
3 Notifications	fctservctl2	
0) Sound	E Finder	
Focus		
Screen Time	Google Chrome	
General	🔉 HubAutoUpdater	0
Appearance	sshd-keygen-wrapper	
Accessibility		
Control Centre	Steam	0
Siri & Spotlight	Terminal	
Privacy & Security	VMware Horizon Client	
Desktop & Dock	workflowd	
🗿 Displays		
3 Wallpaper	Workspace ONE Admin Assistant	
Screen Saver	200m	
Battery	7. Zoom Autol Indoton	
Lock Screen	ZoomAutoOpdater	0
Touch ID & Password	ZoomVDI	
Users & Groups	+ -	
Passwords		
Internet Accounts		
Game Center		

11. Open the FortiVPN client by clicking the icon at the top of the screen.



12. The following screen appears. Accept the terms and conditions.

 FortiClient		
FortiClient VPN	ñ 0 0	0 A
Operation           Welcome to FortiClient VPN!           This is a free version of FortiClient VPN software with limited feature support.           Please upgrade to the licensed version for advanced features and technical support.		
I acknowledge that this free software does not come with any product support. I will not contact Fortinet technical support for any issues experienced while using this free software.           I accept		

Starting the VPN client for the first time, the configuration must be restored. This is only possible by unlocking the configuration.

13. To do this, click lock icon in the upper right corner of the FortiClient VPN application: and enter the Mac's password when prompted.

14. Next, click the settings gear icon

	*	٠	!	i	
Upgrade to the full version to access additional features and receive technical support.					
- System Backup or restore a configuration Backup Restore					
Log Level Information      Log file Export logs Clear logs					
VPN Options     Do not Warn Invalid Server Certificate					
Privacy Status     System Preferences     Open System Extension					

15. Click on **Restore** and choose the Forticlient configuration "fortinet\_mac.sconf" that is included in the zip file and click on **Open**.

= Sy:	Favourites Pavourites Pavourites		Documents 🔅	Q Search
	Applications	Previous 30 Days		
- Lo	Desktop	Fortinet_mac.sconf		
	Documents			_
	Downloads	May		
VP	Locations	workspace Odmin Assistant		
	iCloud Drive	2022		
	Taga	Fortinet.conf		
	Red			
Ad	Orange			
	Vellow		Fortinet_mac.sconf	
	Groop		Information	
Pri	Blue		Created	Friday, 24 November 2023, 14:06
	Bine	Chan Bathara		
	<ul> <li>Purple</li> </ul>	Snow Options		Cancel
h	าบพื้นปรูกษ์ required pe	Open Video		

16. Enter the **password** that's mentioned in the "*Privacy awareness questionnaire*" email that you've received from us.

Control Client VPN   Upgrade to the full version to access additional features and receive technical support.   - System   Backup or restore a configuration   File   Password   OK   Cancel   - Logging Log Level Log file Export Logs Clear Logs - VPN Options Do not Warn Invalid Server Certificate Do not Warn Invalid Server Certificate		FortiClient	
Upgrade to the full version to access additional features and receive technical support.  - System Backup or restore a configuration File Password OK Cancel  - Logging Log Level Log file Export Logs Clear Logs - VPN Options Preferred DTLS Tunnel Do not Warn Invalid Server Certificate	FortiClient VPN		# <mark>0</mark> 0 0 û
- System Backup or restore a configuration File Password - Logging Log Level Log file - VPN Options Preferred DTLS Tunnel Do not Warn Invalid Server Certificate	Upgrade to the full version to access addition	nal features and receive technical support.	
Backup or restore a configuration Backup Restore File Password CK Cancel  CK Cancel  CVPN Options Preferred DTLS Tunnel Do not Warn Invalid Server Certificate	- System		
File       // \$/         Password	Backup or restore a configuration	Backup Restore	
Password OK Cancel  Logging Log Level Information Export logs Clear logs  - VPN Options Preferred DTLS Tunnel Do not Warn Invalid Server Certificate	File	// 5//	
Log ging     Log Level     Log file     Export Logs     Clear Logs     Clear Logs     Orbitions     Do not Warn Invalid Server Certificate	Password	OK Cancel	
Log Level Information V Log file Export logs Clear logs - VPN Options Preferred DTLS Tunnel Do not Warn Invalid Server Certificate	- Logging		
Log file Export logs Clear logs - VPN Options - Preferred DTLS Tunnel - Do not Warn Invalid Server Certificate	Log Level	Information ~	
VPN Options     Preferred DTLS Tunnel     Do not Warn Invalid Server Certificate	Log file	Export logs Clear logs	
Preferred DTLS Tunnel  Do not Warn Invalid Server Certificate	- VPN Options		
Do not Warn Invalid Server Certificate	Preferred DTLS Tunnel		
	Do not Warn Invalid Server Cer	tificate	
- Advanced	- Advanced		
Enable Single Sign-On mobility agent	Enable Single Sign-On mobility	agent	
- Privacy Status	- Privacy Status		
System Preferences Open System Extension	System Preferences	Open System Extension	
Permission required for feature(s) Open File Access	Permission required for feature(s)	Open File Access	
FortiClient fctservctl2		FortiClient fctservctl2	

17. You will now see the message 'Configuration restored successfully'. Click OK

Information		×
	Configuration rectored success	ally
	Configuration restored successi	uny
	ОК	

18. After restoring the configuration, **click on the home icon** 

The following screen appears:

• • •	FortiClient				
٩	FortiClient VPN	ñ	<b>*</b> (	i	•
Upgrade to	the full version to access additional features and receive technical support.				_
	VPN Name Username				
	Password				
	Connect				

This completes the installation and configuration of FortiVPN client. You can now safely and securely use the RA Microdata environment on your macOS machine.

For further instructions on the login method, please refer to the manual on the website or sent to you by email.