OpenVPN for macOS

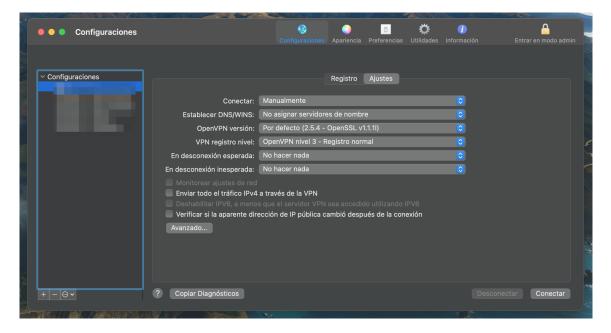
To use OpenVPN on macOS we don't have an official client, so we have to use a thirdparty application, Tunnelblick, which is the most recommended option to open an OpenVPN connection on macOS.

This manual has been made using macOS Ventura and Tunnelblick in its **stable version v3.8.7a**.



Connecting to the VPN using Tunnelblick

Once the software is installed, we open it to add a new VPN connection:

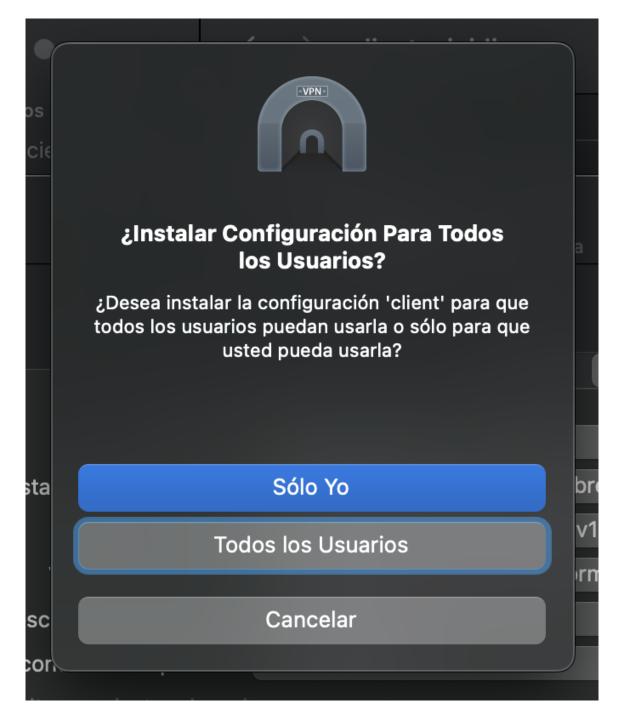


To add a new connection, click on the "+" symbol in the lower left corner:



As we can see, to create a new connection we have to drag the configuration file to the *Configurations* section. In our case it would be the *<username>.ovpn* file. We do it and a new connection will be created:

Depending on the computer we are working on, we may be interested in creating the connection only for our user or available to everyone. In this case, it will be only for our user, therefore, *"Only me"*.



And it will ask us to enter the user's (of the computer) password to allow it to make changes:



Once created, it will appear in the box on the left.

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Configuraciones client	Registro Ajustes
Conectar:	Manualmente 🗘
Establecer DNS/WINS:	Usar DNS
OpenVPN versión:	Por defecto (2.5.4 - OpenSSL v1.1.1I)
VPN registro nivel:	OpenVPN nivel 3 - Registro normal 📀
En desconexión esperada:	No hacer nada
En desconexión inesperada:	No hacer nada
+ - O - ? Copiar Diagnósticos	Desconectar Conectar

In general, we are not going to modify the connection configuration, so we can click on "**Connect**":

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✓ Configuraciones client		Registro Ajustes	
	Conectar:	Manualmente	3
	Establecer DNS/WINS:	Usar DNS	3
	OpenVPN versión:	Por defecto (2.5.4 - OpenSSL v1.1.1I)	3
	VPN registro nivel:	OpenVPN nivel 3 - Registro normal	3
	En desconexión esperada:	No hacer nada	3
	En desconexión inesperada:	No hacer nada	3
		a través de la VPN s que el servidor VPN sea accedido utilizando IPV6 seción de IP pública cambió después de la conexión	4
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	2		

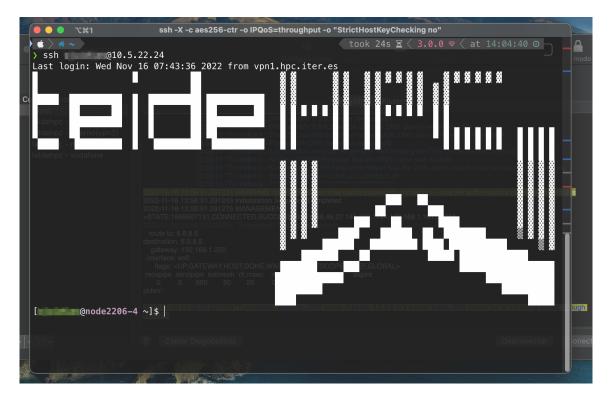
When you do so, you will be prompted to enter your VPN credentials, your username and password:

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	Tunnelblick:	Identificació	on Requerida			
		tarse a	e de usuario y c	contraseña	para	
	Usuario:					
		Guardar e	en el Keychain			
	Clave:					
		Guardar e	en el Keychain			
Código d	e Seguridad:					
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If we have entered it correctly and everything went well, we have successfully connected:



Once connected to the VPN, we can connect via SSH to the TeideHPC login node using the terminal:



To disconnect, we can do it from the application itself or from the application icon on the top bar:

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Configuraciones	stderr:	DNS servers '8.8.8.8' DNS servers '8.8.8.8' The DNS servers '8.8.8.9' The DNS servers incl. Fushed the DNS castor usr/sbir/discoveryutil vatified mDNSResport this configuration ma Sequence Complete teNT: DCESS,10.8.0.49.46.2 K: Routing info stdout: VASCLONED,IFSCOP rtfvar hopcount m 0 1500 0	Registro were set man will be used dide only free ne via discach not present. dide rhel prot present. d d 27.145.130,1 PE,IFREF,GL tu expire	or DNS queries public DNS see neutil Not flushing th DNS cache wa ber that the DN Dick.sh words in mem 194,192.168.1.	s when the V rvers known a DNS cache s flushed S cache was ory use the 161,50904	to Tunnelblick.	e it is not running ption to prevent this
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In case of connection problems, the "**Logging**" tab is available to view connection messages and debug a possible problem.

	Configuraciones Apariencia Preferencias Utilidades Información Entrar en modo a
Configuraciones	Registro
	13:58:51 "Tunnelbick: DNS servers '8.8.8" were set manually 13:58:51 "Tunnelbick: DNS servers '8.8.8" will be used for DNS queries when the VPN is active 13:58:51 "Tunnelbick: The DNS servers '8.8.8" will be used for DNS queries when the VPN is active 13:58:51 "Tunnelbick: The DNS servers '8.8.8" will be used for DNS queries when the VPN is active 13:58:51 "Tunnelbick: Tunnelbick: The DNS servers '8.8.8" will be used. Not flushing the DNS cache via discoveryutil 13:58:51 "Tunnelbick: Notified mDNSRespondert. Not flushing the DNS cache via discoveryutil 13:58:51 "Tunnelbick: Notified mDNSRespondert. Not flushing the DNS cache via discoveryutil 13:58:51 "Tunnelbick: Not indifying mDNSRespondert that the DNS cache was flushed because it is not running 13:58:51 "Tunnelbick: Tunnelbick: Not gravity and the DNS cache via sflushed because it is not running 13:58:51 "Tunnelbick: Tunnelbick: Tunnelbick: Site Servers was flushed because it is not running 13:58:51 "Tunnelbick: Site Servers 2022-11-16 13:58:51 391231 WARNING: this configuration may cache passwords in memory use the auth-nocache option to prevent this 2022-11-16 13:58:51 391231 WARNING: this configuration may cache passwords in memory use the auth-nocache option to prevent this 2022-11-16 13:58:51 391231 CONNECTED SUCCESS. 2022-11-61 13:58:51 391231 CONNECTED SUCCESS. 2022-11-61 13:58:51 391247 MANAGEMENT: 2022-11-61 13:58:51 2022C04 "Tunnelbick: Routing info stdout: 2022-11-61 13:58:51 2022C41-51 30:50:42 40:50
	route to: 8.8.8.8 destination: 8.8.8 gateway: 192.168.1.250 interface: end
	destination: 8.8.8.8 gateway: 192.168.1.250 interface: en0 flags: <upgateway,host,done,wascloned,ifscope,ifref,global> recycpipe sendpipe sathresh rtt,msec rttvar hopcount mtu expire 0 0 600 50 26 0 1500 0 stderr:</upgateway,host,done,wascloned,ifscope,ifref,global>
	destination: 8.8.8.8 gateway: 192.168.1.250 interface: en0 flags: <up.gateway.host.done,wascloned,ifscope.ifref,global> recvpipe sendpipe ssthresh rtt,msec rttvar hopcount mtu expire 0 600 50 26 0 1500 0</up.gateway.host.done,wascloned,ifscope.ifref,global>