## How to set up IKEv2 VPN connection on Mac

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Follow the steps below to set up a manual IKEv2 VPN connection on your macOS:

1. Click the **Apple icon** in the upper-left corner of the screen and choose the **System Preferences...** option:



2. Within the System Preferences menu, locate the Network icon and click on it:



3. Create a new connection profile by clicking the square '+' (Plus) button on the lower end of the box on the left side.

**Note**: Administrative privileges will be required to proceed further. To get administrative privileges, follow these steps: Locate the **Lock** icon in the lower-left corner of the panel labeled **Click the lock to make changes**, and click to continue. When the login dialog appears, enter your Mac login username and password in the corresponding fields (if you are unable to proceed with this step and you do not have access to an administrator account, you may need to contact Apple support). Once you have entered your login details, click the **OK** button to continue.

After you enable administrative privileges, the **Lock** icon in the bottom left corner will be unlocked:

••• < > ====	Network	Q Bearch
Location Wi-Fi ● Connected	on: Automatic Status: Connected	Turn Wi-Fi Off
Bluetooth PAN Not Connected	WI-FI is connected to address 192.168.3.13.	Dartax3 and has the IP
USB 10/11000 LAN Not Connected WiFi	Network Name: DartAX3	con this network
Not Connected      Thunderbolt Bridge     Not Connected	Ask to join Pers	onal Hotspots
NamecheN (L2TP) Not Connected	ASK to Join new Known networks wil no known networks to manually select a	networks Il be joined automatically. If are available, you will have a network.
+	✓ Show Wi-Fi status in menu bar	Advanced ?
		Revert Apply

4. When the dialog box appears, enter the details as given below and click the **Create** button to continue:

- Interface: select VPN from the drop-down
- VPN Type: IKEv2
- Service name: any name you prefer that helps you easily identify the VPN connection

$\bullet \bullet \bullet  <  >  :$	Network	Q Search
L	ocation: Automatic	٥
Connected	Status: Not Connec	cted
Bluetooth PAN		
USB 10/1 Not Conn Select	t the interface and enter a name for the n	iew service.
WiFi Not Conn	Interface: VPN	<u> </u>
Thunderbo Not Conn S	VPN Type: IKEv2 ervice Name: VPN (IKEv2)	
Nameche	Cancel	Create
	·	
+ - •	Show VPN status in menu bar	Advanced ?
		Revert Apply

5. Once the new connection profile is created, fill in the following fields to configure:

- Server Address: ultivpn.iesl.forth.gr
- Remote ID: ultivpn.iesl.forth.gr
- Local ID: empty

Click on the **Authentication Settings** and proceed to the next step:

	Location:	Automatic	0	
🕤 Wi-Fi Ocnnected		Status:	Not Connected	
Bluetooth PAN				
USB 10/11000 Not Connected	LAN			
WiFi		Server Address:	ultivpn.iesl.forth.	gr
💕 🛑 Not Connected		Remote ID:	ultivpn.iesl.forth.g	gr
Thunderbolt Br	dge	Local ID:		
NamecheN (L Not Connected	2TP)		_ Authentication Settings	i
VPN (IKEv2) Not Connected		/	Connect	
		Show VPN status	in menu bar	Advanced

6. In the next dialog box, fill in the fields as provided below to complete the setup:

- User Authentication type: Username
- User Name: IESL eMail
- **Password**: Your password

Click the **OK** button to continue:

	IIII Network	
	Location: Automatic	0
T Wi-Fi	Status: Not Connected	
Bluetooth PAN		
USB-10/1100	Authentication Settings:	
WiFi Not Connecto	Username	0
Thundarbolt B	Username: username@iesl.forth.gr Password: •••••	-
NamecheN (	Cancel	
VPN (IKEv2)	Contract of the second s	_
+ - 0-	✓ Show VPN status in menu bar	Advanced ?
		Revent Apply

7. Put the check mark next to **Show VPN status in menu bar** located on the left from the "Advanced..." button. Once done, click the **Apply** button in the lower-right corner of the panel:

	Location:	Automatic		٢		
Wi-Fi Connected Bluetooth PAN Not Connected USB 10/11000 LA	N	S	tatus: N	lot Connected		
<ul> <li>Not Connected</li> <li>WiFi</li> <li>Not Connected</li> <li>Thunderbolt Bridg</li> <li>Not Connected</li> </ul>	e	Server A	ddress: note ID: ocal ID:	ultivpn.iesl.fort ultivpn.iesl.fort	h.gr h.gr	
NamecheN (L2T) Not Connected VPN (IKEv2) Not Connected	P)			Authentication Settin Connect	gs	
- @~		Show VPN s	tatus in	menu bar	Advanced	

8. Test your newly created connection by clicking the **Connect** button under **"Authentication Settings...**" and proceed further:

Location	n: Automatic	0
Wi-Fi Connected Bluetooth PAN Not Connected USB 10/11000 LAN	Status: Not Connect	ed
<ul> <li>Not Connected</li> <li>WiFi</li> <li>Not Connected</li> <li>Thunderbolt Bridge</li> <li>Not Connected</li> </ul>	Server Address: ultivpn.ies Remote ID: ultivpn.ies Local ID:	l.forth.gr .forth.gr
NamecheN (L2TP) Not Connected VPN (IKEv2) Not Connected	Authenticati	ion Settings
	Show VPN status in menu bar	Advanced

9. After the VPN connection is established, check the **Status** indicator at the top of the window for any error or warning messages.

Also, look for the **Status: Connected** message with the **Connection Time** and **IP Address** details as shown below:

Locatio	h: Automatic	•
Wi-Fi Connected VPN (IKEv2) Connected	Status: Connected Connect Time: 00:01:03 IP Address: 172.20.148.4	
USB 10/11000 LAN Not Connected WiFi Not Connected	Server Address: ultivpn.iesl.for Remote ID: ultivpn.iesl.for Local ID:	th.gr th.gr
Thunderbolt Bridge     Not Connected     NamecheN (L2TP)     Not Connected	Authentication Se Disconnect	ttings
- 0.	✓ Show VPN status in menu bar	Advanced

10. For a quick way to access your VPN connection, locate the VPN indicator on the top of the screen. Look for the **Connect/Disconnect VPN (IKEv2)** option and click on it to open a context menu. From this menu, you can quickly start and stop your VPN session without navigating through the **System Preferences** menu:

