# HTTPS VPN Client WiFi Hotspot Quick Start Guide

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## 1. Introduction



Figure 1 How HTTPS VPN works

### How It Works

- Bring the HTTPS VPN client device with you wherever you go (or simply plug it in home router).
- Simply connect your smart phone / PC to the WiFi hotspot created by the HTTPS VPN client device.
- All smart phone/PC traffic would be encrypted in HTTPS format and forwarded to VPN server in US home which access internet for you.
- Your ISP will not be able to know what websites you visit or what content you download. They may not every know you are using VPN because all traffic appears 100% in HTTPS format.

For questions, comments, supports, please contact us by email. vpn.everyone@gmail.com

## 2. Plug VPN Device in Router

- 1) Connect VPN device to wireless router by Ethernet cable
- 2) Connect USB cable to power up VPN device (Figure 2)



Figure 2 Connect VPN Device to Wireless Router

#### NOTE:

The figure above is for *wiring* illustration purpose. Do NOT put VPN server on top (or close to the grill) of your router. Otherwise, the heat generated by your router may drive VPN server to overheat.

Most wireless routers come with a USB interface. This USB interface on your wireless router can provide enough power for the VPN device. Connect VPN device to your router by USB data sync cable (Figure 2).

Note 1: Ethernet cable is an optional accessory.

**Note 2**: USB data sync cable is an optional accessory. Please re-use your USB cable for your old Android phones. Nowadays, every household has one or more retired Android phones, therefore USB cables. To save environment, we don't ship USB cables.

Note 3: The software only runs on the MicroSD card shipped.

## 3. Access VPN Device Configuration Web UI

### 3.1. Access Web UI by WiFi hotspot

HTTPS-VPN device comes with WiFi hotspot. Go to your iPhone WiFi setting screen. If you see "*vpneveryone.ddns.net*" in your network list, tap it to connect. The default password is 00000000

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Settings	Wi-Fi	
Wi-Fi		
<ul> <li>LinsFIOSg2</li> </ul>		₽ ╤ ()
CHOOSE A NETWO	DRK	
vpneveryone	e.ddns.net	£ ≈ ()
Other		
Ask to Join Net	tworks	$\bigcirc$
Known networks w known networks a manually select a i	vill be joined automa re available, you will network.	itically. If no have to

Figure 3 Find vpneveryone.ddns.net WiFi hotspot

Note: The hotspot may complain about incorrect password. It may take up to 3 times to connect the WiFi hotspot. That is by design to avoid hacker guessing WiFi password.

After your iPhone successfully connects to "*vpneveryone.ddns.net*" WiFi hotspot, start web browser to access <u>http://192.168.10.1</u> web page. Use "*admin*" & "*vpneveryone*" without quote sign as username and password to login to VPN server web UI.

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	Log in to website	×		192.	168.10.1	
			Home	Network	VPN	Advanced
Log in to	o 192.168.10.1		Free	WIFI N	lay E	Bite You
admin	sword will be sent unenc	rypted.	Help	<u>VPN Pr</u>	oau	cts Can
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Figure 4 Access VPN Server Web UI by Built-in WiFi Hotspot

### 3.2. Access Web UI by VPN Device IP

WiFi hotspot password/network name cannot be changed via WiFi connection. To change WiFi hotspot setting on VPN device, you will need to login to device by Ethernet IP.

To find out what IP address the VPN device Ethernet port gets, you can login to your router via WiFi hotspot first. Then click *Network* tab. You will see screen like below.

	19	92.168.10.1	¢
Home	Network	VPN	Advanced
- Etherne	t Uplink		
Ethe	rnet IP 1	92.168.2.138	
RX F	Packets 5	358	
TX F	Packets 6	124	
RX E	Bytes 2	950750	
TX B	Bytes 1	756847	
+ Router	Info		
+ WiFi Ho	otspot		
Back-to-Top			



Figure 5 HTTPS-VPN Client Device Ethernet IP

Then use that IP address (<u>http://192.168.2.138</u>) to access VPN device web page to change WiFi related setting.





Figure 6 Access VPN Device Web UI by VPN Device IP

# 4. Configure HTTPS VPN Client Device

HTTPS-VPN client device is plug-n-play. The default WiFi hotspot network name is *"vpneveryone.ddns.net"* with password *"00000000"*.

We suggest you try default setting first. Make sure everything works before you change setting.

In case you want to change setting, below are the steps.

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	192	.168.10.1	C		192.168.10.1	C
Home	Network	VPN	Advanced	nfiguratior	• 1	
+ VPN Tur	nnel Status			n 💽		
VPN or	n 💽			Location	North America	
Server I	Location	North America		Encryption		
		-				
Back-to-Top				p		
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					North America	
					Europe	
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Figure 7 HTTPS-VPN Configuration

- Connect to WiFi hotspot of VPN device.
- Use "*admin*" & "*vpneveryone*" without quote sign as username and password to login to VPN server web UI
- Click <u>VPN</u> tab
- Click +VPN Configuration ...
- There are two servers to choose from. One in North America, the other one in Europe. You may pick one that is closer to you.
- VPN <u>on/off</u> option: If you turn off VPN or after VPN subscription expires, this device acts as a mini wireless router.
- <u>Double Encryption</u> Option: By default, they are two layers encryption applied for the tightest security. Both layers are AES-256 strong encryption, meaning unbreakable. Disable double encryption may give you a little better performance.

If you want to change WiFi hotspot setting, you need to do it by login to device with its Ethernet port. To find out the Ethernet IP of the VPN device, click <u>Network</u> tab while you login by its WiFi hotspot. You will see UI like below.

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Home	Netw	ork	VPN	Advanced
Etherne	t Uplink			
Ethe	met IP	192	.168.2.138	
RX	Packets	600	0	
TX F	ackets	703	6	
RX	Bytes	341	9284	
TX E	lytes	239	1522	
Router	Info			
WiFi Ho	tspot			
Back-to-Top				



Figure 8 HTTPS-VPN Ethernet Port IP

Now login to HTTP-VPN device from PC by IP found in last step, e.g. 192.168.2.138.

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	192.1	168.2.138	3	C		192	168.2.13	В	C
Home	Network	VPN	Advanced		Home	Network	VPN	Advanced	
+ Etherno - WiFi Ho Hots Net Pass + Con	et Uplink tspot on  pot on  work vpnew sword  occurs nected Devices .	eryone.dd	ns.net		+ Etherno - WiFi Ho Hot Pas - Conn 1. chaa PC 2. iphc clin	et Uplink tspot spot on C work vpne sword and mecced Devices pxing- 192.1 me-6- 192.1	) veryone.dd  68.10.48 68.10.19	10:0b:a9:c8: d8:1d:72:39:	11:a8 5a:98
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Figure 9 HTTPS-VPN WiFi Hotspot Setting

- Click <u>Network</u> tab
- Click + *WiFi Hotspot* ....
- Click existing password. It will become editable.
- Enter your new password and hit enter to make new value take effect right away.
- You can also see what devices are connected to its WiFi hotspot, by clicking +*Connected Devices* ...
- Note:

### 5. Test HTTPS VPN

- Login to VPN device
- Click <u>VPN</u> tab
- If you see an IP address show up in Tunnel Virtual IP row, you VPN device successfully connect to our VPN server in cloud.

	Ŭ	:55 PM	1	0 50%
	192.	168.10.1		¢
Home Netwo	ork	VPN	Advand	ed
- VPN Tunnel Stat	us			
TLS VPN Tunnel				
Tunnel Virtual IP	192.	168.90.1	3	
RX Packets	859	52		
TX Packets	550	11		
RX Bytes	7980	00246		
TX Bytes	1449	96603		
TX Bytes + VPN Configurat	1449			
TX Bytes + VPN Configurat	1449			
TX Bytes + VPN Configurat	1449	- - -	-	

**Figure 10 VPN Tunnel Status** 

## 6. Advanced Settings

Note: In very rare case will you need to change advanced settings. If you are not very comfortable with computer networking, leave the setting as is.

After you login to the VPN server web UI, click <u>Advanced</u> tab to see the UI below. You can click **OK** to enter <u>Advanced</u> UI page.

							%
	192.168.10.1		C	1	92.168.2.138	R.	C
Home Netw	ork VPN	Advanced	F	ome Netwo	rk VPN	Advanced	
+ VPN Tunnel Sta	atus		- /	dvanced Settin	gs		
+ VPN Configura	tion			Click to change	. Hit 'Enter' to s	ubmit.	
- VPN Client Prof	file		F	lotspot LAN	192.168.10.0		
	au raralu naa	d to oppose	- F	lotspot Name	vpneveryone	.ddns.net	
this advance	d setting.	u to access	V	Veb UI Password	********		
Some chang	es on advance	ed setting	F	eboot Device			
Do you want	to proceed?	5001.	F	actory Default Se	etting		
		OK.		About			
	С	ancel OK					
	c	ancei OK		Back-to-Top			
	С			Back-to-Top			
	c	ancel OK		Back-to-Top			

Figure 11 VPN Device Advanced Settings

Each item except for *Web UI Password* on this Advanced UI is independent and will take effect on change.

1) Hotspot LAN

Only when the router LAN happens to be 192.168.10.0, will you need to change hotspot LAN network. To change it, click the IP **192.168.10.0**. Then the **10** part becomes editable. Enter any value between  $0\sim254$  and hit enter to change.

#### 2) Hotspot Name

The default hotspot network name "*vpneveryone.ddns.net*" should be unique enough identify itself. If you want to change it, click it. Then it becomes editable. Enter whatever name you like and hit enter to change.

#### 3) Web UI Password

By default, web UI password is vpneveryone Although the VPN server web UI is not accessible from internet, you may not want everyone to know your VPN server UI password. You can change it. Click the \*\*\*\*\*. It will become editable. Enter your password and hit enter to change it.

Note: New UI password only take effect on next boot.

#### 4) Reboot Device

In rare cases, you will need to reboot VPN server by web UI. If you are at home, power cycle VPN server device would be a better way to reboot it.

#### 5) Factory Default Setting

Only when you think you don't know what you did and broke everything, should you do a factory default setting.

### 6.1. About Product

H2O 🗢	1	3:54 PM		√ 0 56	% 🔳
	192	.168.10.1			Ċ
Home N	letwork	VPN	Adva	nced	
+ Advanced	Settings .				
- About					
HW Signature	fa95075	db6cf373	dc345cd	29077f	33c8
Produt Type		HTTPS	S-VPN C	lient w/ Subscri	VPN ption
Software License		Fu	II Versior	n (Valida	ated)
VPN Subscription	Star	s: Jan 20	01:31:4	5 2019	GMT
	End	s: Jan 20	01:31:4	5 2020	GMT
SW Timestamp	S	un Jan 20	01:31:24	1 2019	GMT
Current Time	S	un Jan 20	01:54:3	5 2019	GMT
System Up Time			00d:0	0h:21m	n:59s
< >		Û	Ш		

**Figure 12 Product Info** 

Each VPN device runs the software programmed in the MicroSD card included. The software is only licensed to run on this MicroSD card.

For full version product, the VPN subscription is *for 1 year*.

For trial/free version software image, it is only licensed for 30 days (subject to change without notice).

The <u>About</u> section in <u>Advanced</u> tab tells the license info. After VPN license expires, you still have access to web UI. But the VPN service is automatically shut down. Contact us for how to renew subscription.

# 7. Quick Troubleshoot

1) Please be noted that all keys/passwords/usernames are case sensitive. "Password" is not the same as "password"