## Windows 7: VPN L2TP/IPSec+PSK Setup

1. Open "Networks and Sharing Center" (1) from "Control Panel".



2. Then choose "Set up a new connection or Network" (2).



3. Choose "Connect to a workplace" (3) and click "Next" (4).



4. Click on "Use my Internet connection (VPN)" (5).

🕒 🔚 Connect to a Workplace	
How do you want to connect?	
<ul> <li>Use my Internet connection (VPN)</li> <li>Connect using a virtual private network (VPN) connection through the Internet.</li> </ul>	
🧶 — 🎱 — 🕪	
Dial directly Connect directly to a phone number without going through the Internet.	
ing	
What is a VPN connection?	
	Cancel

 You have to check the activation email you have received when you have paid for the TorGuard VPN account. Here you will find there the available servers. In "Internet address" field (6) type the IP address of a TorGuard VPN server.

In "Destination name" (7) field type TorGuard VPN.

Also check the "Don't connect now; just set it up so I can connect later" (8). Click "Next" (9).

🕒 🗽 Connect to a Work	place	
Type the Internet	address to connect to	
Your network adminis	trator can give you this address.	
Internet address:	6 VPN Server IP address	
Destination name:	7 TorGuard VPN	
Use a smart ca Use a smart ca Allow other pe This option all Don't connect	rd cople to use this connection lows anyone with access to this computer now; just set it up so I can connect later	to use this connection.
		9 Next Cancel

6. Enter your username (10) and password (11) from VPN acces in the next window and click "Create" (12).

🕒 🗽 Connect to a Work;	place	
Type your user na	me and password	
<u>U</u> ser name:	10 your@mail.com	
Password:	11	
	Show characters           Remember this password	
Domain (optional):		
		12 Create Cancel

7. You should see this screen next. Click the "Close" (13) button to return to the "Network and Internet" screen.



8. Click on "Connect to a network" (14).



9. In the Connect to a network screen, you should see the TorGuard VPN connection that you have just set up. Right click on it and select "Properties" (15).

Currently connected	d to: 🍫	*
Dial-up and VPN	^	
TorGuard VPN	Connect	
Wireless Network	Properties	

10.Select "Security" (16) Tab.

On "Type of VPN" (17) select "Layer 2 Tunneling Protocol with IPsec (L2TP/IPsec)" then click on the "Advanced Settings" (18).

eneral options occarty	Networking Sharing
[ype of VPN:	
Layer 2 Tunneling Protocol	with IPsec (L2TP/IPSec)
Data encryption:	Advanced settings
Optional encryption (connec	ct even if no encryption)
Authentication	
O Use Extensible Authent	ication Protocol (EAP)
	7
	Properties
Allow these protocols	
Unencrypted passw	ord (PAP)
Unencrypted passw Challenge <u>H</u> andshal	ord (PAP) ke Authentication Protocol (CHAP)
Unencrypted passw Challenge <u>H</u> andshal Microsoft <u>C</u> HAP Ver	ord (PAP) ke Authentication Protocol (CHAP) sion 2 (MS-CHAP v2)
<ul> <li> <u>Unencrypted passw</u> <u>✓</u> Challenge <u>H</u>andshal <u>✓</u> Microsoft <u>C</u>HAP Ver         </li> </ul>	ord (PAP) ke Authentication Protocol (CHAP) sion 2 (MS-CHAP v2)

11.In the IPsec Settings dialog, click the radio button labelled "Use preshared key for authentication" (19).Type "torguard" into the textbox labelled "Key" (20).Click the "OK" button (21).

Advanced Properties
L2TP 19 © Use preshared key for authentication
Key:       torguard         20       Image: Constraint of the server's certificate         Image: Constraint of the server's certificate       Image: Constraint of the server's certificate         Image: Constraint of the server's certificate       Image: Constraint of the server's certificate
21 OK Cancel

12.Select "Networking" Tab (22).Put the tickles as it's shown on the following picture (23).Click "OK" (24) to save your settings.

TorGuard VPN Proper	ties		X
General Options Se	Networking	Sharing	
This connection uses	the following items:		
23) Internet Proto	col Version 6 (TCP/I	Pv6)	
🗹 🔺 Internet Proto	col Version 4 (TCP/I	Pv4)	
E File and Printe	er Sharing for Microso	oft Networks	
Client for Mice	rosoft Networks		_
	11-1-1-1		
			5
Description			
TCP/IP version 6.	The latest version of	the internet protoco	1
networks.	nunication across div	erse interconnected	1
	60		
	(e-)		