

How to Setup PPTP VPN Dialer on Windows 7



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In this document, we will guide you to create a regular VPN dialer with one noteworthy exception, that we will set the system to NOT use it as the "Default Gateway" when connected. Skipping this step will limit the connecting computer's surfing speed to the VPN server's upload speed (usually slow) because all of it's traffic would be routed through the VPN connection and that's not what we want.

To start the connection wizard, go to "Network and Sharing Center".

1. Click the network icon in the system tray and "Open Network and Sharing Center"



2. In the Network center click on "Set up a new connection or network".



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3. Select "Connect to a workplace" and then "Next".



4. Click on the first option of "Use my Internet connection (VPN)".



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5. Set the address of your VPN server as seen from the internet either by DNSname or IP.

🚱 🔚 Connect to a Workpl	ace	
Type the Internet a	ddress to connect to	
Your network administra	ator can give you this address.	
Internet address:	your server's DNS-name of IP address here	
Destination name:	dialer name]
Use a smart card In Allow other peop This option allow Don't connect no	ole to use this connection vs anyone with access to this computer to use this connection. ow; just set it up so I can connect later	
		ext Cancel

6. Even though it won't connect now because we still need to go into the dialer's properties, Set the username and password and hit connect.

😋 📠 Connect to a Workpl	ace	at a constant
Type your user nar	ne and password	
User name:	howtogeek	
Password:	•••••	
	Show characters	
	Remember this password	-
Domain (optional):		
		Connect Cancel

7. After the connection fails to connect (that's normal), click on "Set up the connection anyway".

Connect to a Workplace	
Connection failed with error 868	
	
The remote connection was not made because the name of the remote access server did not resolve.	*
→ Try again	
Set up the connection anyway	
Diagnose the problem	
	Cancel

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8. Back in the "Network Center", click on "Change adapter settings".



9. Find the dialer we have just created, right click it and select "Properties".

Organize 🔻 Start th	is connection Rename this connection	n Delete this connectio
dialer name Disconnected	t (IKEv2)	ea Connection
	Connect Status	
	Set as Default Connection	
	Create Copy Create Shortcut	
	Delete	
	20	

10. While it's optional, for a faster connecting dialer, set the "type" of VPN to PPTP under the "Security" tab.

	Security Networking Sharin
ype or vriv.	nation Postanol (PPTP)
	nheling Protocol (FFTF)
Point to Point Tur	nneling Protocol (PPTP)
ayer 2 runneling Secure Socket T KEv2	g Protocol with IPsec (L2TF71F3ec) unneling Protocol (SSTP)
Authentication	
🔘 Use Extensib	le Authentication Protocol (EAP)
	*
<u>.</u>	Properties
Allow these p	rotocols
	ted password (PAP)
	Handshake Authentication Protocol (CHAP)
Microsoft	CHAP Version 2 (MS_CHAP v2)
MICrosoft	
passw	iatically use my Windows logon name and rord (and domain, if any)
1. A. M. A. M.	Version water end and a set of the set of the set of the set of the set

11. Data encryption should be selected to "Optional encryption (connect even if no encryption)".

ieneral	Options	Security	Networking	Sharing	
Type of	VPN:		0	N	
Point t	o Point Tu	nneling Pro	otocol (PPTP)	1	•
<u>D</u> ata er	ncryption:		000 891	Advanced	<u>s</u> ettings
Option	al encrypti	on (connec	ct even if no e	ncryption)	•
Authe	entication	90.02008	0.20	87025803	
O Us	e <u>E</u> xtensib	le Authent	ication Protoc	ol (EAP)	
					T
				Prope	erties
 All 	ow these g	protocols			
	Unencryp	ted passwo	ord (PAP)		
	Unencryp Challenge	ted passwo Handshak	ord (PAP) ke Authenticat	ion Protocol (CH	IAP)
	<u>U</u> nencryp Challenge Microsoft	ted passwo <u>H</u> andshak <u>C</u> HAP Vers	ord (PAP) ke Authenticat sion 2 (MS-CH	ion Protocol (CH IAP v2)	IAP)
	Unencryp Challenge Microsoft Autorr passw	ted passwo <u>H</u> andshał <u>C</u> HAP Ven natically uso vord (and d	ord (PAP) ke Authenticat sion 2 (MS-CH e my Windows omain, if any)	ion Protocol (CH AP v2) s logon name and	IAP) d
	Unencryp Challenge Microsoft Autor passw	ted passwo Handshał CHAP Ven natically usv vord (and d	ord (PAP) ke Authenticat sion 2 (MS-CH e my Windows omain, if any)	ion Protocol (CH IAP v2) s logon name and	IAP) d

12. Go to the "Networking" tab, select the IPv4 protocol and go into its properties.



13. In the next window, click "Advanced" without changing anything else.

General You can get IP settings assigned au supports this capability. Otherwise, y administrator for the appropriate IP s	utomatically if your network you need to ask your network settings.
Obtain an IP address automati	ically
O Use the following IP address:	
IP address;	· · ·
- Use the following DNS server Preferred DNS server:	addresses:
Alternate DNS server:	2 12 2
	Advanced)

14. On the next window, uncheck the "Use default gateway on remote network" option, if you do not wish to route the entire traffic from GajShield firewall.

^o Settings	DNS	WINS	
This check network ar that canno network.	kbox only nd a dial- ot be sen default g	v applies when you up network simulta t on the local netwo ateway on remote (are connected to a local aneously. When checked, data ork is forwarded to the dial-up network
Autor	natic me	tric	tion
Interfac	e metric:		

15. Now enter the connection's credentials as you set them on the server and connect.

Connect dia	aler name
User name:	howtogeek
Password:	•••••
Domain:	
Save this u	user name and password for the following users: y e who uses this computer

That's it. You should now be able to access all the computers on your network from the Windows 7 client.