PPTP SETUP ON MACINTOSH OS X



In Finders – Applications, locate Internet Connect and open it.

In the menu, select File, New VPN Connection

🧯 Internet Connect	File	Edit	Connect	Window	Help
A CONTRACTOR OF THE OWNER OF	Ne	w Con	nection Wir	ndow	ЖN
	Ne Ne	w VPN w 802.	Connection 1X Connection	1 tion	<mark>ጉ</mark> ≋∨ ጉ≋X
	Im	port Co	onfiguratio	ns	ዕ ዘ ዕ ዝ
	Clo	ose	the Abso	Nodern - DS	жw

When prompted, select PPTP then Continue

Your computer needs to be set up to make VPN connections.
To continue with setup, choose which kind of VPN you'd like to configure, and then click Continue. Check with your network administrator if you are unsure which to choose.
C L2TP over IPSec PPTP
Cancel Continue

Enter the Server address, Account name and Password. Then press Connect

$\Theta \Theta \Theta$		VPN (PPTP)	0
Summary	USB-ADSL Mod	em USB-ADSL Modem Internal Modem AirPort	>>
		РРТР	
C	Configuration:	Other	
Se	erver address:		
A	ccount Name:		
	Password:]
		🗹 Show VPN status in menu bar	?
Status: I	ldle	Con	nect

If your connection is successful, you will see Status: Connected, along with server address and connection time.

000		VPN (PPTP)	\bigcirc
Summary	USB-ADSL Mod	em USB-ADSL Modem Internal Modem AirPort	>>
		РРТР	
c	Configuration:	Other 🛟	
Se	erver address:	87.194.35.29	
A	ccount Name:	pptp	
	Password:		
		Show VPN status in menu bar	?
Status: 0	Connected To 192 Connect Time: 00	2.168.10.1 :00:30 Disconne	ect

TROUBLESHOOTING

If the connection fails, you will see this message.

Internet Connect
Could not negotiate a connection with the remote
PPP server. Please verify your settings and try again

Verify if the information you entered is correct, and try again.

LOG

Access the log from the menu. The log shows events triggered by the VPN tunnel. If connection fails keep a copy of the log for reference.
 Connection Log

 Clear

 Thu Sep 14 10:51:09 2006 : PPTP connecting to server

 '87.194.35.29' (87.194.35.29)...

 Thu Sep 14 10:51:09 2006 : PPTP connection established.

 Thu Sep 14 10:51:09 2006 : Using interface ppp0

 Thu Sep 14 10:51:09 2006 : Connect: ppp0 <--> socket[34:17]

 Thu Sep 14 10:51:17 2006 : MPPE 128-bit stateless compression enabled

 Thu Sep 14 10:51:20 2006 : local IP address 192.168.10.200

 Thu Sep 14 10:51:20 2006 : remote IP address 192.168.10.1

Example of log during PPTP connection

000	Connection Log	0
8		
Clear		
Thu Sep 14 10:51:09 2	006 : PPTP connecting to server	
'87.194.35.29' (87.194.	35.29)	
Thu Sep 14 10:51:09 2	006 : PPTP connection established.	
Thu Sep 14 10:51:09 2	006 : Using interface ppp0	
Thu Sep 14 10:51:09 2	006 : Connect: ppp0 <> socket[34:17]	
Thu Sep 14 10:51:17 2	006 : MPPE 128-bit stateless compression enabled	
Thu Sep 14 10:51:20 2	006 : local IP address 192.168.10.200	
Thu Sep 14 10:51:20 2	006 : remote IP address 192.168.10.1	
Thu Sep 14 10:51:47 2	006 : IPV6CP: timeout sending Config-Requests	
Thu Sep 14 10:55:01 2	006 : Hangup (SIGHUP)	
Thu Sep 14 10:55:01 2	006 : MPPE disabled	
Thu Sep 14 10:55:01 2	006 : Connection terminated.	
Thu Sep 14 10:55:01 2	006 : Connect time 3.9 minutes.	
Thu Sep 14 10:55:01 2	006 : Sent 30352 bytes, received 30416 bytes.	
Thu Sep 14 10:55:01 2	006 : PPTP disconnecting	
Thu Sep 14 10:55:01 2	006 : PPTP disconnected	
		1

Example of log during PPTP disconnection

000	Connection Log	0
8		
Clear		
Thu Sep 14 10:57:11 2	006 : local IP address 192.168.10.200	0
Thu Sep 14 10:57:11 2	006 : remote IP address 192.168.10.1	
Thu Sep 14 10:57:38 2	006 : IPV6CP: timeout sending Config-Requests	
Thu Sep 14 11:01:02 2	006 : Hangup (SIGHUP)	
Thu Sep 14 11:01:02 2	006 : MPPE disabled	
Thu Sep 14 11:01:02 2	006 : Connection terminated.	
Thu Sep 14 11:01:02 2	006 : Connect time 4.1 minutes.	
Thu Sep 14 11:01:02 2	006 : Sent 39108 bytes, received 39008 bytes.	
Thu Sep 14 11:01:02 2	006 : PPTP disconnecting	
Thu Sep 14 11:01:02 2	006 : PPTP disconnected	m
Thu Sep 14 11:01:44 2	006 : PPTP connecting to server	
87.194.35.29' (87.194.	35.29)	
Thu Sep 14 11:01:44 2	006 : PPTP connection established.	
Thu Sep 14 11:01:44 2	006 : Using interface ppp0	
Thu Sep 14 11:01:44 2	006 : Connect: ppp0 <> socket[34:17]	
Thu Sep 14 11:01:51 2	006 : LCP terminated by peer	
Thu Sep 14 11:01:51 2	006 : Connection terminated.	
Thu Sep 14 11:01:51 2	006 : PPTP disconnecting	*
Thu Sep 14 11:01:51 2	006 : PPTP disconnected	×.

Example of log when error occurs

THE NETWORK UTILITY

In the Finder - Applications – Utilities open Network Utility.

PING

Ping will determine if the remote machine is accessible from your machine, through the network. If the remote machine replies to PING, a connection is possible across the network, if it fails something is blocking access (for example a firewall).

Select the tab Ping. Enter a remote machine's IP, and then press Ping.

0.0	2					Networ	K Ounty				
Info	Nets	stat	Арр	leTalk	Ping	Lookup	Tra	ceroute	Whois	Finger	Port Scan
lease	enter	the	netwo	rk addre	ss to pi	ng					
				192.16	8.10.10	1	(ex. 1	10.0.2.1 o	www.doma	ain.com)	
Sen	danı	unlin	nited n	umber o	of pinas						
Sen	d only	4		pings	5 p					$S^{(i)}$	Stop
										ale	Stop
Pina	has s	tart	ed								
PING	192.1	68.1	0.101	(192.16	8.10.10	1): 56 d	lata by	tes	25.525 (MS).		
64 by	tes f	rom	192.16	58.10.10	1: icmp	_seq=0 t	tl=127	time=52	.608 ms		
64 by	tes f	rom	192.10	8.10.10	1: icmp	_seq=1 t	tl=127	time=52	.094 ms		
64 by	tes f	rom	192.10	0 10 10	1: 1Cmp	_seq=2 t	tl=127	time=53	. 194 ms		
64 Dy	tes f	nom	102.10	50.10.10 50 10 10	1: icmp	_seq=s t	+1-127	time=55	000 ms		
64 by	tes f	rom	102 16	58 10 10	1. icmp	seq=4 c	+1-127	time=52	160 mc		
64 by	tes f	rom	192.16	58.10.10	1: icmp	sea=6 t	+1-127	time=53	296 ms		
64 by	tes f	rom	192.16	58.10.10	1: icmp	seg=7 t	t1=127	time=55	.835 ms		
64 by	tes f	rom	192.16	58.10.10	1: icmp	_seq=8 t	tl=127	time=52	.939 ms		
					5.6						

As the remote machine can be blocked, try another remote machine or the remote local gateway.

TRACEROUTE

Traceroute will show the hops between you machine and the remote machine. If ping don't reply, try using traceroute, to get an indication how the traffic is routed across the network(s).

Select the tab Traceroute. Enter a remote machines' IP, then press Trace.

000)			Network	Utility			
Info	Netstat	AppleTalk	Ping	Lookup	Traceroute	Whois	Finger	Port Scan
Please	enter the r	network <mark>a</mark> ddre	ess to tra	ace an inter	rnet route to			
		192.16	8.10.10)1	(ex. 10.0.2.1 or	www.doma	ain.com)	
Trace	route has	started						Trace
trace	route to 1	192.168.10.10	01 (192.	168.10.101	1), <mark>64</mark> hops mo	ax, 40 by	te packet	s
2 1	92.168.10	.101 (192.168	5.10.101	.) 50.061	ms 50.880 ms	5 50.844	ms	