

TCP/IP Configuration Guide - Trumpet Winsock

Download the Trumpet Winsock distribution files and unzip them. Make sure you have a current copy of WINPKT.COM (available at <ftp://ftp.trumpet.com/>).

Installation:

1. Create the directory C:\TRUMPWSK. Unzip TWSK21F.ZIP and WINAP21F.ZIP into this directory.
2. Install the software drivers.

Ethernet network:

Install the packet driver for your Ethernet card. The entry in my AUTOEXEC.BAT file was: C:\ETHERNET\8003PKDR.EXE /B:240 /R:D000 /I:10 /E:60

Install the WINPKT.COM virtual packet driver. The entry in my AUTOEXEC.BAT file was: C:\TRUMPWSK\WINPKT.COM 0x60

3. In Program Manager, create a program group named Network. Use File Manager to drag and drop the EXE files in C:\TRUMPWSK into the Network program group.
4. Edit the PATH statement in AUTOEXEC.BAT to include C:\TRUMPWSK. This enables Winsock applications to find WINSOCK.DLL when they are launched.
5. Reboot the computer and start Windows.
6. Launch TCPMAN from the Network program group. (You can select Help from the menu bar to learn more about the software.) This will bring up a message similar to the following:
7. Select Setup on the menu bar.

Make sure that the Internal SLIP is NOT checked.

Make sure that the Internal PPP is NOT checked.

Enter IP address: (The IP address of the NT machine, for example: 38.254.100.2)

Enter Default gateway: (The IP address of your router, for example: 38.254.100.1)

Enter an IP address from the Name Resolvers listed for your geographic area.

Northeast U.S.		Northwest U.S.	
ne1.res.dns.psi.net	38.9.211.2	nw1.res.dns.psi.net	38.9.215.2
ne2.res.dns.psi.net	38.9.221.2	nw2.res.dns.psi.net	38.9.225.2
ne3.res.dns.psi.net	38.9.231.2	nw3.res.dns.psi.net	38.9.235.2
Southeast U.S.		Southwest U.S.	
se1.res.dns.psi.net	38.9.212.2	sw1.res.dns.psi.net	38.9.214.2
se2.res.dns.psi.net	38.9.222.2	sw2.res.dns.psi.net	38.9.224.2
se3.res.dns.psi.net	38.9.232.2	sw3.res.dns.psi.net	38.9.234.2
Central U.S.		Canada	
ce1.res.dns.psi.net	38.9.213.2		206.235.86.11
ce2.res.dns.psi.net	38.9.223.2		206.235.86.12
ce3.res.dns.psi.net	38.9.233.2	res1.dns.psi.net	38.8.81.2

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Be sure the following are set as indicated:

The Time server should be blank.

Make sure that the Domain suffix is a period.

Packet vector=00

MTU=1500

TCP RWIN=4096

TCP MSS=1024

Demand load timeout (secs)=5

TCP RTO MAX=60

When ready, click on OK.

The file TRUMPWSK.INI will be created in the C:\TRUMPWSK directory. You will be prompted to restart Trumpet Winsock. Double click on the TCPMAN icon to restart.

8. Launch any Winsock compliant application. TCPMAN.EXE will start automatically if it is not already running. Several clients are included with the Trumpet Winsock, including RMPTEL.EXE version 0.08 for telnet, WINARCH.EXE for searching Archie databases, and TRUMPING.EXE to ping another machine on the network.

TRUMPET PING provides the simplest means of verifying that you have a network connection. Launch TRUMPING and enter the name of an Internet host at the prompt. For example, you might try to PING psi.com. If your connection is working, and if the host is operating, you will receive a response from the remote host.

Note: The WINSOCK.DLL file for the Trumpet Winsock remains in the C:\TRUMPWSK directory. Some vendors may require that their WINSOCK.DLL be copied to the C:\WINDOWS directory. If you have used Winsock software from another vendor, but now want to try the Trumpet Winsock, be sure to remove the other vendor's WINSOCK.DLL so that it will not interfere with the Trumpet Winsock implementation.