



Macintosh - Windows Comparison #3

TCP/IP Configuration

Connecting via PPP to an Internet Service Provider

Mac OS

1. Open the "Control Panels" folder from the Apple Menu and double-click "TCP/IP".
2. Select "MacPPP" from the "Connect via" pop-up menu.
3. Select "Using PPP Server" from the "Configure" pop-up menu.
4. Under "Name server addr.", fill in all necessary IP addresses.
5. Under "Additional Search domains" type in the domain name of the ISP.
6. Close the TCP/IP window and click Save.
7. Double-click "Config PPP" from "Control Panels" folder.
8. Select the proper port from the "Port Name" pop-up menu.
9. Click New... .
10. Type in the ISP's name. Click OK. The ISP's name should now show in the "PPP Server" pop-up menu.
11. Click Config... .
12. Select the correct port speed from the "Port Speed" pop-up menu.
13. Select the correct flow control from the "Flow Control" pop-up menu.
14. Enter the phone number of the ISP.
15. Click Done.
16. Click Open from the Config PPP control panel to connect.

Windows 95

1. From Start menu, select "Accessories", select "Control Panels". Double-click "Add/Remove Programs".
2. Select the Windows Setup tab.
3. In the "Components" section, make certain the box next to "Communications" is checked. Click Details... and verify that "Dial-Up Networking" is checked. Click OK .
4. Click Apply. Windows will prompt for the Windows 95 CD or floppies. Insert and click OK.
5. Software will install. Click OK. Computer must now be restarted.
6. Choose "Shut Down" from Start menu and select "Restart the Computer?"
7. Once Windows 95 has restarted, go to Start Menu, select "Programs", select "Accessories", and select "Dial-Up Networking".
8. The Dial-up Networking Wizard will start. Click Next.
9. Type in the ISP's name.
10. Select the correct modem, configuring if necessary.
11. Click Next.
12. Type in the ISP's area code, phone number, and country code. Click Next.
13. Confirmation of information. Click Finish. Windows 95 will create a folder called "Dial-Up Networking" inside "My Computer" containing the ISP information.
14. Go to Start menu, select "Settings", select "Control Panel", double-click on "Network".
15. Select "TCP/IP->Dial-up Adapter" in the network components window. Click Properties.
16. Select the IP Address tab.
17. Choose "Obtain an IP address automatically".
18. Select the Gateway tab.
19. Type in the IP address of the ISP's gateway. Click Add.
20. Select the DNS Configuration tab.
21. Select "Enable DNS"
22. For "Host", type in the host name.
23. For "Domain", type in the domain name.
24. For "DNS Server Search Order", type in the correct DNS address and click Add. Repeat for each address necessary.
25. Click OK.
26. Click OK.

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27. Go to "My Computer" and open "Dial-Up Networking" folder.
28. Right-click the icon that corresponds to the ISP and select "Properties".
29. Doublecheck the info in the dialog window. Click Server Type... .
30. For the "Type of Dial-Up Server", select "PPP: Windows 95, Windows NT 3.5, Internet" from the menu.
31. In the "Allowed Network Protocols" section make sure only "TCP/IP" is selected.
32. Click TCP/IP Settings... .
33. Select "Server assigned IP address".
34. Select "Specify name server address".
35. Type in the "Primary DNS" IP.
36. Type in the "Secondary DNS" IP.
37. Enable "Use IP header compression" and "Use default gateway on the remote network".
38. Click OK.
39. Click OK.
40. Click OK.
41. Double-click the ISP's icon in the Dial-Up Network folder.
42. Type in the username and the password. Click Connect.