

Mac OS Internet Customer Help Sheet No.10

“Direct Connection via a Network”

This document has some tips for connecting your Macintosh to the internet and utilising this great resource with Microsoft products such as Internet Explorer and Internet Mail And News/Outlook Express. This help sheet has been written with a direct connection via a network in mind.

PART 1: PHYSICAL CONNECTION

You will need a your Macintosh computer physically connected directly to a network with internet access before you can proceed any further.

PART 2: CONNECTION TO A HOST COMPUTER

You will need at least the following information (to obtain this and if necessary more information contact your network administrator):

1. Type of physical connection (usually Ethernet).
2. Type of server configuration needed (usually manually but might be DHCP server).
3. If your server configuration is to be manual you will need an IP address.
4. Subnet Mask
5. Router Address.
6. Name server address (DNS).
7. Firewalls and/or proxy servers.

PART 3. INTERNET SOFTWARE

Use the following procedure to get connected to the internet:

Step 1: (Clean) install system software and check version.

<u>Your Version</u>	<u>Recommended Action</u>
B1-7.1, B1-7.1.1, B1-7.1.2	Upgrade the OS or install Open Transport 1.1.2.
B1-7.5, B1-7.5Px	Upgrade using System 7.5 Update 2.0.
B1-7.5.1, B1-7.5.2, B1-7.5.3	Upgrade using System 7.5 Update 2.0.
B1-7.5.3 Update B1-2.0	You have the option of installing System 7.5.5 Update.
B1-7.5.3 Revision 2.x	You have the option of installing System 7.5.5 Update.
B1-7.5.5	No action required.
B1-7.6	Upgrade using Mac OS 7.6.1 Update.
B1-7.6.1	No action required.
B1-8.0	Upgrade using Mac OS 8.1 Update.
B1-8.1	No action required.
B1-8.5, B1-8.5.1	Use Help Sheet 6 “Internet Connection With Mac OS 8.5”.

Note: Contact Apple on 0990 127753 for more information about (clean) installing your system software. Some documents are available from Microsoft on installing system software.

Step 2: Install system software upgrade [only if necessary – see step one above].

Note: Contact Apple on 0990 127753 for more information about upgrading your system software. Some documents are available from Microsoft on upgrading system software.

Step 3: Install Open Transport (see Internet Help Sheet 11 “Installing OT”) [optional].

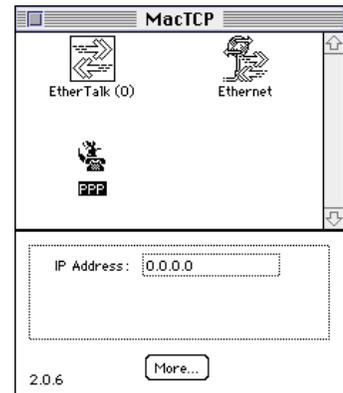
Step 4: Install Apple Internet Connect Kit (see Internet Help Sheet 4 “Install AICK”) [optional].

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Step 5a: Configure TCP. If you are using Open Transport go to step 5b.

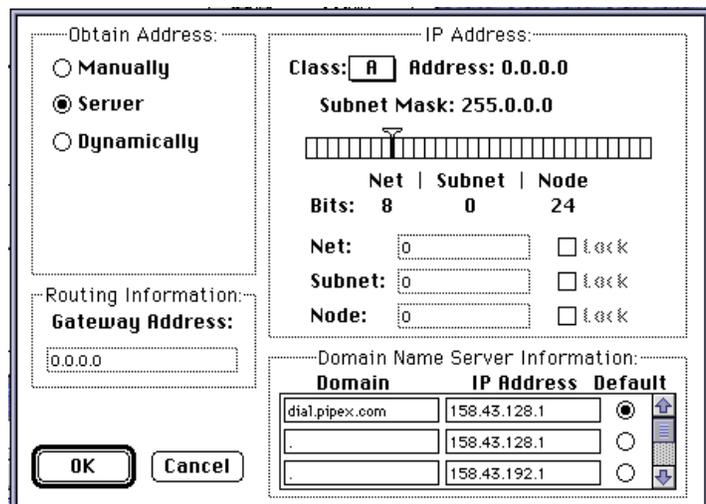
- i: Go to the Apple Menu > Control Panels > MacTCP.
- ii: You should get a window similar to the one to the right.
- iii: Make sure your connection method is highlighted.



Note: If the version number in the bottom left is listed as 2.0.4 you have an older version of MacTCP and you should update it before attempting to get on the internet. Contact Apple for assistance in this matter.

- iv: Click on the “More” button at the bottom of the window.

- v: You will get a window like the one to the right. Make sure the settings are setup how your network administrator recommends.

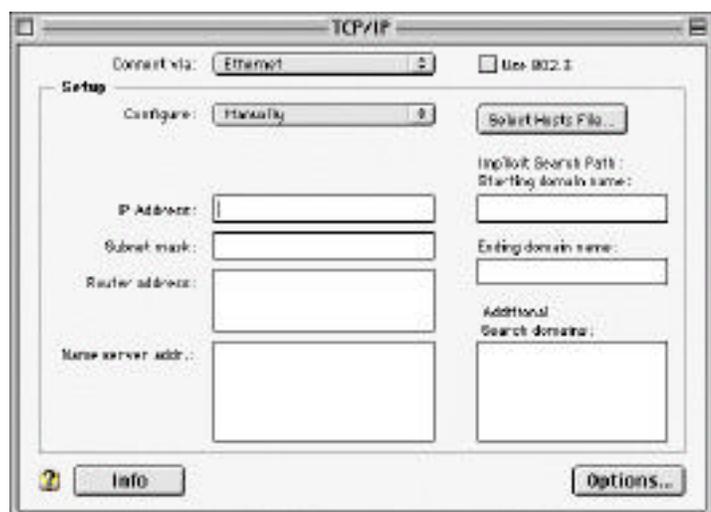


Note: You may not be able to change the “Gateway Address”.

- vi: Close the windows and restart your Macintosh. Go to step six.

Step 5b: Configure TCP using Open Transport.

- i: Go to the Apple Menu > Control Panels > TCP/IP. You should get a window like the one to the right.
- ii: Make sure your physical connection method is set in the ‘Connect Via’ pop up menu.
- iii: Set the “Configure” pop up menu to the type of server connection you have (this will probably be “Manually”).



- iv: Make sure the settings are setup how your network administrator recommends.

- v: Close the windows and at the next message click on “Save”.

Step 6: Install Microsoft Internet Explorer (see Internet Help Sheet 12 “Installing IE”).

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Step 7: Install Microsoft Internet Mail & News (see Internet Help Sheet 14 “Installing IMN”), Exchange Client - Outlook (see Internet Help Sheet 19 “Installing Exchange Client”) or Outlook Express (see Internet Help Sheet 15 “Installing Outlook Express”) [optional].

Step 8: To test your connection launch Microsoft Internet Explorer and key in the URL www.microsoft.com/uk/. This should bring up the Microsoft UK home page. If it doesn't you will need to check with your network administrator that all of your settings are correct and have been entered in the right locations. Also check with your network administrator to see if they are using firewalls or proxy servers. If they are see “What about firewalls and proxy servers?” in the ‘Frequently Asked Questions’ section below.

FREQUENTLY ASKED QUESTIONS

Q. I open TCP/IP up but it looks different to the picture on this help sheet?

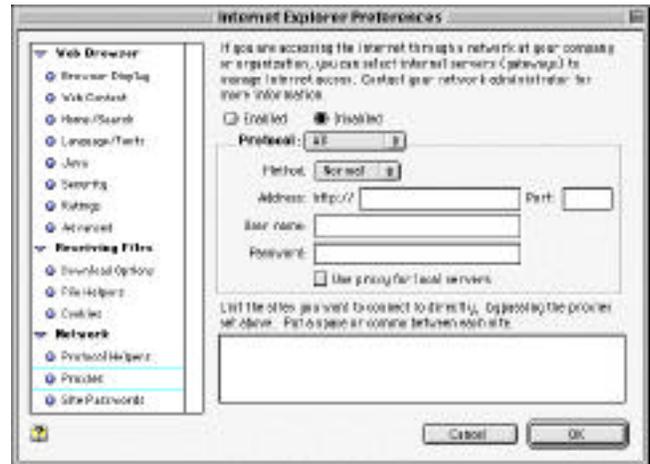
A. Your “User Mode...” setting on the ‘Edit’ menu is set to something other than “Advanced”.

Q. What about firewalls and proxy servers?

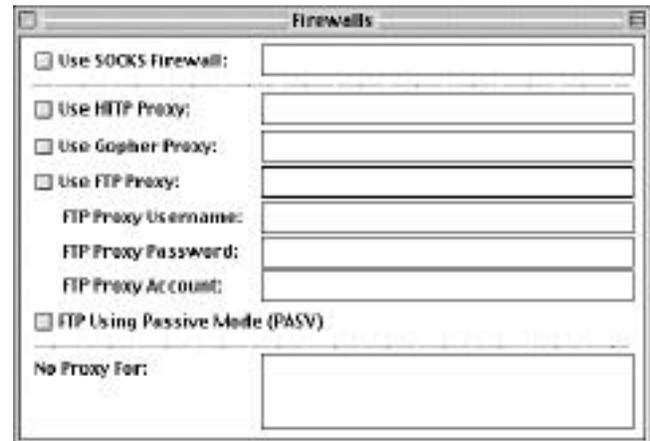
A. If you have installed Internet Explorer 3.0x or later you can put the relevant settings directly into the preferences or you will need to use the “Internet Config” utility.



If Internet Explorer is installed launch it and click on the “Preferences” icon or select “Preferences...” from the ‘Edit’ menu. Now select “Proxies” below the ‘Network’ heading from the list on the left hand side of the window (see right). Click on the “Enabled” button and you can now enter the relevant settings as advised by your network administrator.



Firewalls and proxy server settings can be set up by using the Internet Config utility. If you have the Apple Internet Connection Kit installed you will find it located at Hard Disk > “Internet Connection Kit” folder > “Internet Utilities” folder > “Internet Config” folder. If you have Mac OS 8 installed you will find it located at Hard Disk > “Internet” folder > “Internet Utilities” folder > “Internet Config” folder. Once you have located it or installed it double click on the “Internet Config” icon, then click on the “Firewalls” button or select “Firewalls” from the ‘Window’ menu. Enter the settings as advised by your network administrator and then select “Save” from the file menu.



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Q. Where can I get Internet Config from?

A. Microsoft Internet Explorer 3.0x and later will install Internet Config for you unless you are running Mac OS 8 or later. If you have the Apple Internet Connection Kit you already have Internet Config installed.

Q. Where can I get the latest version of Internet Config?

A. Each new release of Internet Config is posted to MacGifts and is therefore available from Info-Mac and UMich (and their mirror sites). It is also available from any site that holds Peter Lewis' software, namely AOL, AMUG, PopCo, Australia, Japan, and Switzerland. Finally, all sorts of IC related material, including the latest version of the IC software, is available from the IC home site at “ftp://ftp.share.com/internet-configuration”.

Q. Where can I get more information about Internet Config?

A. There is a Frequently Asked Questions (FAQ) document about Internet Config at “ftp://ftp.share.com/internet-configuration”.

Q. I use a direct connection and a modem with an ISP. What can I do?

A. The TCP/IP control panel allows you to save different configurations which could include one for a direct connection and one for a dial up connection. Select “Configurations...” from the ‘File’ menu.

PLEASE NOTE

- Microsoft strongly recommend that you backup any important data files before you attempt an update install/restore of your system software especially any files you have in the “Documents” folder (if you have one). To back up your files copy them to an external storage device such as a second hard disk, Syquest or Zip/Jaz drive. If you don't have any of these you will need to backup your data on to floppy disks. If you have files that are larger than 1.4Mb you will need a third party compression application like “Stuffit Deluxe” (from Aladdin), “Disk Doubler Pro” (from Symantec) or the shareware utilities Stuffit Lite, Compact Pro or Zip It.
- Where Pipex is mentioned as an ISP this is not a recommendation or endorsement by Microsoft and the information is offered as a guideline only because Pipex is one of Apple's recommended ISPs in the UK. Microsoft cannot guarantee the quality of any ISP listed in this document.
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