Tech Info Library

MacTCP -> Open Transport (7/96)

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TOPIC ----------

I upgraded my non-PCI Macintosh with Open Transport. How do I configure the TCP/IP control panel so it uses my old configuration?

DISCUSSION ----------

Open Transport is Apple's new networking architecture which provides support for AppleTalk and TCP/IP protocols. Users with other network protocol stacks should seek assistance from the software vendor.

AppleTalk

Open Transport replaces the Network control panel with the AppleTalk control panel.

1 - Set the "Connect via" menu in AppleTalk control panel to the network interface you used in the "Network" Control Panel.

Network ->	AppleTalk
LocalTalk	Printer port
EtherTalk	Ethernet
Remote Only	Remote Only

NOTE: Token Ring is currently unsupported. Since there are no PCI Token Ring cards, obviously there will be no selection.

NOTE: LocalTalk can be used with the modem port. Remember to move your connector to the modem port if you use this selection.

2 - Set "current zone" in AppleTalk control panel to "current zone" from "Network" Control Panel

3 - Close the control panel for changes to take effect.

In "AppleTalk" Control Panel provides additional features, please see your documentation for more information.

TCP/IP

Open Transport replaces the "MacTCP" control panel with "TCP/IP" control panel.

NOTE: Some installer will automatically configure Open Transport to your old MacTCP settings.

MacTCP supported many configuration methods. Depending on the method MacTCP used, use the following steps:

• MacTCP Interface = Localtalk, Ethertalk, Remote Only
  Obtain address = server

1 - Set "Connect via" menu to "AppleTalk (MacIP)" in "TCP/IP" control panel.

2 - Set "Configure" menu to "Using MacIP Server"

3 - Set "MacIP server zone" to the zone selection from "MacTCP" control panel.

4- Close the "TCP/IP" control panel for changes to take effect.

• MacTCP Interface = Localtalk, Ethertalk, Remote Only
  Obtain address = manually

1 - Set "Connect via" menu to "AppleTalk (MacIP)" in "TCP/IP" control panel.

2 - Set "Configure" menu to "Using MacIP Manually"

3 - Set "MacIP server zone" to the zone selection from "MacTCP" control panel.

4 - Copy "IP address" and "Subnet mask" from "MacTCP" control panel to "TCP/IP" control panel.

5 - Copy "Domain Name" from "Domain" that was selected as "Default" in "MacTCP" control panel.

6 - Copy "Router address" from "Gateway Address" in "MacTCP" control panel.

7- Copy "Name server addresses" from the "IP address" entries in "Domain Name Server Information.

8 - Close the "TCP/IP" control panel for changes to take effect.

• MacTCP Interface = Ethernet
  Obtain address = manually

1 - Set "Connect via" menu to "Ethernet" in "TCP/IP" control panel.

2 - Set "Configure" menu to "Manually"

3 - Copy "IP address" and "Subnet mask" from "MacTCP" control panel to "TCP/IP" control panel.

4 - Copy "Domain Name" from "Domain" that was selected as "Default" in "MacTCP" control panel.

5 - Copy "Router address" from "Gateway Address" in "MacTCP" control panel.

6- Copy "Name server addresses" from the "IP address" entries in "Domain Name Server Information.

7 - Close the "TCP/IP" control panel for changes to take effect.

• MacTCP Interface = Ethernet
  Obtain address = server

1 - Set "Connect via" menu to "Ethernet" in "TCP/IP" control panel.

2 - Set "Configure" menu to "Using BOOTP" or "Using RARP". You may need to ask your network administrator which network server is in use.

3- If you choose RARP, the server will provide only an IP address.

4- Close the "TCP/IP" control panel for changes to take effect.

Note: Obtain address "dynamically" is no longer supported in any fashion. Apple recommends the use of manual addressing, or adoption of a network configuration protocol such as RARP, BOOTP, or DHCP.

Note:TCP/IP also adds support for configuration via DHCP, a feature not offered in MacTCP.

Article Change History:
03 Jul 1996 - Corrected typographical error.

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