Open Transport: Networking Read Me (11/95)

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TOPIC --

The following article is the ReadMe file for Open Transport, which is included
on the Power Macintosh 7200 and 9500 series computers.

DISCUSSION ---

About Open Transport Networking

MacTCP

If you have problems with TCP/IP application after installing new networking
software, open the Control Panels folder and look for the MacTCP control panel.
If one is there, remove it from the Control Panels folder and restart your
computer. Each time you install new networking software, you may want to verify
whether or not the software's installer also installed MacTCP, and follow this
procedure.

Application Compatibility Comments

- FTPd: Application currently is experiencing sporadic failures with TCP/IP
  MacTCP compatibility. These failures are rare and generally do not result
  in loss of data or other problems.

- MacTCP Watcher, TCP/Connect II, MacTCP Switcher, and Anarchie are
  applications that are known to be incompatible with Open Transport.
  Developers are revising their products to be compatible with Open Transport.

- Timbuktu works only with AppleTalk using Open Transport.

- Eudora: Open Transport supports commercial version 2.11 and shareware
  version 1.5.1 of Eudora.

- FileMaker Pro TCP/IP networking throughput is noticeably slower than with
  classic MacTCP.

- NFS/Share for large file transfers must have a blocksize of 16K or smaller.

TCP/IP LAP (Link Access Protocol) Support Caveats

- Only the following MacTCP Link Access Modules are supported: "InterSLIP",
  "InterPPP", "InterPPP II", "TCP/IP PPP", "MacSLIP", and "MacPPP".

- Open Transport does not support SLIP and/or PPP connections occurring
  automatically when the networking application is executed with the currently
  available MacTCP Link Access Modules (e.g. MacPPP, InterSLIP, InterPPP,
  MacSlip). SLIP/PPP connections must be started up using the
  3rd-party-supplied control panel before running the TCP/IP application.

- InterSLIP: Version 1.0.1 is not compatible with Open Transport, you need a
later version. InterCon should be contacted directly.

- InterPPP 1.2.9: May crash when receiving a large graphic file via HTML
  readers.

- MacSLIP 2.0.6: Connect at System Startup doesn't work.

- MacPPP: MacPPP versions 2.0.1, 2.0.1 cm4, and 2.1 SD exhibit
  incompatibilities with Open Transport in opening connections. Future versions
  (e.g. MacPPP 2.2.0) will address this incompatibility. The MacPPP "Open"
  button does not work; the only way to open a connection is by opening a
  TCP/IP application. However, Open Transport might time-out before the
  completion of the connection so that it cannot get the correct IP address
  from the LAP. After disconnecting MacPPP, you must restart your Macintosh in
  order to connect again.

- Once a TCP/IP application is opened over a SLIP or PPP LAP, you cannot use
  another SLIP or PPP LAP without restarting the Macintosh.

- When a SLIP or PPP LAP is selected in the TCP/IP control panel, and
  "Manually" is selected in the Configure pop-up menu, the value of the IP
  address entered in this control panel is ignored by Open Transport. If you
  are assigned a static IP address by your SLIP or PPP provider, you should set
  it in the LAP configuration program. If your IP address is assigned
  dynamically, you should configure the LAP configuration program for dynamic
  addressing.

PowerShare Mail Server

There is a known compatibility problem between Open Transport and version 1.0 of
the PowerShare Mail Server. If you set up the PowerTalk Universal Mailbox to
read mail on the same machine on which the PowerShare Mail Server is running,
the Mail Server may crash some time later, usually on shutdown. The workaround
is to use another machine to read mail. This problem will be fixed in
PowerShare Collaboration Servers version 1.1.

Article Change History:
15 Nov 1995 - Correct InterSLIP information.
04 Aug 1995 - Reviewed for technical accuracy.

Support Information Services

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