Tech Info Library

MacTCP: Questions and Answers

```
Revised:        11/29/95
Security:       Everyone
```

MacTCP: Questions and Answers

===

Article Created: 22 September 1989
Article Reviewed/Updated: 29 November 1995

TOPIC --

Here are a few questions on Apple's TCP/IP functionality. In all cases, I am
assuming the use of Apple's MacTCP software.

1) Do the PD programs, like NCSA, support Macintosh-to-Macintosh FTP over
LocalTalk and/or EtherTalk?

2) Are there any problems using MacTCP-based products with EtherTalk Phase 2
(due to the change from Ethernet to 802.3 framing)?

3) Can I run MacTCP sessions concurrently with AppleTalk sessions over the same
physical media?

4) Can I run MacTCP sessions concurrently with AppleTalk sessions over
different physical media (for example, AppleTalk on LocalTalk concurrent with
TCP/IP over Ethernet on the same Macintosh)?

DISCUSSION ---

1) Question: Do the PD programs, like NCSA, support Macintosh-to-Macintosh FTP
over LocalTalk and/or EtherTalk?

Answer: NCSA does NOT support Macintosh-to-Macintosh FTP over LocalTalk or
Ethernet cabling.

2) Question: Are there any problems using MacTCP-based products with EtherTalk
Phase 2 (due to the change from Ethernet to 802.3 framing)?

Answer: There should not be any problems regarding framing when using MacTCP-
based products with EtherTalk Phase 2. MacTCP is co-resident with AppleTalk
protocols so there can be concurrent TCP/IP and AppleTalk operations. EtherTalk

manages data flow so it can co-exist on Ethernet cable with TCP/IP protocols.

3) Question: Can I run MacTCP sessions concurrently with AppleTalk sessions over the same physical media?

Answer: Yes, for the same reason as (2). For example, MacTCP can be run while a print job goes to an Apple LaserWriter printer over LocalTalk cabling.

4) Question: Can I run MacTCP sessions concurrently with AppleTalk sessions over different physical media (for example, AppleTalk on LocalTalk concurrent with TCP/IP over Ethernet on the same Macintosh)?

Answer: AppleTalk and MacTCP can run over the same media, or one protocol can run over one medium while the other protocol runs over a different medium.

Article Change History:
29 Nov 1995 - Updated format, reviewed for technical accuracy.

Support Information Services

Tech Info Library Article Number:4464