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MacTCP Token Ring Extension: Overview

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Article Change History

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- For technical accuracy

TOPIC -----

This article is an overview of the MacTCP Token Ring Extension product.

DISCUSSION -----

Introduction

This product is for customers who have standardized on TCP/IP over Token Ring. Apple's MacTCP has come standard with TCP/IP services over LocalTalk -- EtherTalk and Ethernet. However, MacTCP has the documented ability to incorporate Alternate Link Access Protocol (ALAP) modules much like System 7 uses extensions. With the MacTCP Token Ring Extension, Apple adds Token Ring to its list of supported TCP hardware platforms.

Hardware Requirements

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- A Macintosh computer system with a Token Ring card.

Software Requirements

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- The Token Ring card must use a driver that conforms to the .TOKEN specifications, as do Apple's Token Ring cards and some third-party cards. (Apple's original 4M/s Token Ring card shipped with an incompatible driver. If you have one of these cards, you must install the .TOKEN driver before using the MacTCP Token Ring Extension.)
 - System 6.0.5 or later, and MacTCP 1.1 or later.

Installation

- 1) Use the latest Network Software Installer disk (NSI 1.2.1 or later), which installs the proper driver for your card.
- 2) After installing the driver, drag the MacTCP Token Ring Extension to the System Folder. (System 7 will place the extension into the Extensions Folder.)
- 3) Open the MacTCP Control Panel. (Depending on the hardware installed in your Macintosh, you'll see from 1 to 7 MDEVs, the MacTCP Devices seen in the upper section of the MacTCP Control Panel.) Click on the Token Ring MDEV.

If you have more than one of a particular type of network card, MacTCP will place a reference number in parenthesis under each MDEV. The MacTCP Token Ring Extension manual explains how to convert the reference numbers into NuBus slot numbers for your particular Macintosh.

The rest of the configuration process is no different than the standard MacTCP configuration process, fully described in the manual.
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