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AppleTalk Phase 2: Questions and Answers (11/94)

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TOPIC -----

The announcement of AppleTalk Phase 2 has been both a delight and yet scary to some of our customers with large (>2500 Macintoshes) and varied AppleTalk networks (LocalTalk and Ethernet). I have not seen a good document describing upgrade procedures. Is there one that you know of? If not, here are some unclear areas of concern that I need answered:

- 1) Does the Upgrade Utility of the AppleTalk Internet Router software handle the compatibility between Phase 1 and Phase 2 nodes connected to the same Ethernet, or am I going to have a compatibility problem between EtherTalk 1.x and 2.0?
- 2) If so, can I put a single AppleTalk Internet Router with the Upgrade Utility on Ethernet to handle the compatibility between Phase 1 and Phase 2 nodes throughout the entire network (some Macintoshes are on the Ethernet, and some are on LocalTalk networks bridged with Kinetics FastPaths)? Or, will a Router be needed at each LocalTalk-to-Ethernet junction?
- 3) Will AppleTalk Phase 2 require a particular level of Macintosh OS; that is, will there be any problem having Macintoshes with 5.x/AppleTalk Phase 2 and Macintoshes with 6.x/AppleTalk Phase 2?
- 4) Will an upgrade to AppleShare be required?

RESPONSE -----

- 1) The Upgrade Utility was specifically designed to allow both AppleTalk Phase 2 and AppleTalk Phase 1 to work together on the same network.
- 2) If you have a Phase 1 router connected to a LocalTalk network, every Phase 2 router that needs to communicate with the Phase 1 router must run the Upgrade Utility. If you have a Phase 1 router connected to an Ethernet, it is possible to have only one Phase 2 router connected to the Ethernet running the Upgrade Utility. A manual will be provided with the Upgrade Utility specifying in greater detail the possible configurations and which routers need to run the Upgrade Utility. Also, see the binders associated with the LAN Minds training for more

information.

- 3) TokenTalk, EtherTalk 2.0, and the Apple Internet Router have been tested only with System 6.0.3, so devices specifically running AppleTalk Phase 2 products must run System 6.0.3. Other devices should be able to run older versions of the System software without any ill effects.
- 4) AppleShare will not require an upgrade to work with AppleTalk Phase 2. AppleTalk Phase 2 should only affect bridge, router, and gateway products. The upgrade should be transparent to network services, such as file servers and printers.

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