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AppleTalk: Internet Router Phase I vs Phase II Fix

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Revised:        9/6/91
Security:       Everyone
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Article Created: 3 June 1991
Article Last Reviewed:
Article Last Updated:

TOPIC ---

We are running an AppleTalk Phase I network with six zones connected via a
Banyan Vines server to an Ethernet network with a single zone. One
AppleTalk zone is connected via a Hayes Interbridge to another AppleTalk
network in another location. The problem is that the AppleTalk internet
router won't cross the Hayes internet bridge to the AppleTalk network at
the remote site. My goal is to run Microsoft QuickMail with Banyan's Quick
Mail through the Hayes internet bridge to my remote site. If the Internet
Router is not compatible with the Hayes internet bridge, then I must find
something else.

DISCUSSION --

You probably have an AppleTalk Phase I versus Phase II problem. Most Hayes
Interbridges are Phase I devices, while an unaltered Internet Router is
Phase II. An "upgrade utility" -- an INIT -- comes with the Internet
Router. Once installed in the System Folder of the router CPU, the INIT
lets the Router pass Phase I packets. As a short-term workaround, you can
install this to get up and running.

Due to the complexity of the network, we advise upgrading all devices to
AppleTalk Phase II. With the zones and routers you mentioned, the Phase II
protocols will be more efficient. Usually, this upgrade can be done
through software. The Interbridge is the exception: it requires a ROM
upgrade.

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Tech Info Library Article Number:8096