

# Compatible Systems – AppleTalk Networking: Frequently Asked Questions

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## Questions

### Introduction

**I have a Compatible Systems multiprotocol WAN router connected via PPP to a Wellfleet ASN router. The router picks up all the networks and zones from the ASN, but the ASN does not get them from the router. Why?**

**I want to set up one of the serial ports on my Compatible Systems multiprotocol WAN router for single user dial-in to replace my personal ARA server. I need IP and AppleTalk access over this port. What Mac client do you recommend for both AppleTalk and IP?**

**Have you heard anything about the new version of ARA?**

**Will ARA 3.0 be able to dial-in to the serial ports on your routers?**

**Is Apple Internet Router, for LAN routing and AppleTalk Phase 2 support, compatible with Compatible Systems routers?**

### Related Information

## Introduction

This document answers some of the most frequently asked questions about AppleTalk Networking.

Refer to Cisco Technical Tips Conventions for more information on document conventions.

**Q. I have a Compatible Systems multiprotocol WAN router connected via PPP to a Wellfleet ASN router. The router picks up all the networks and zones from the ASN, but the ASN does not get them from the router. Why?**

A. When you configure the router's WAN port for AppleTalk, it is configured as a non-extended network (single net number and one zone name). By default the Wellfleet ASN router's AppleTalk WAN is configured as an extended network and needs a network range defined. In order to work with router, the Wellfleet must be set to Phase 1.

**Q. I want to set up one of the serial ports on my Compatible Systems multiprotocol WAN router for single user dial-in to replace my personal ARA server. I need IP and AppleTalk access over this port. What Mac client do you recommend for both AppleTalk and IP?**

A. We have used MacPPP, InterCon's InterPPP, and Pacer's PacerPPP. Each can connect to IP and AppleTalk services.

**Q. Have you heard anything about the new version of ARA?**

A. "It (ARA 3.0) supports both the AppleTalk network system and TCP/IP protocols over a single PPP dial-up connection." ---- From the Apple Web Site

It is recommended that you visit the Apple web site for more specific information and updates.

## **Q. Will ARA 3.0 be able to dial-in to the serial ports on your routers?**

**A.** We have done some preliminary testing and found that IP does work, but AppleTalk has a problem in the ATCP negotiation of PPP. Apple has acknowledged the problem but does not yet have a fix.

It is recommended that you visit the Apple web site for more specific information and updates.

## **Q. Is Apple Internet Router, for LAN routing and AppleTalk Phase 2 support, compatible with Compatible Systems routers?**

**A.** Yes

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## **Related Information**

- **Technical Support & Documentation – Cisco Systems**
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