ARA MultiPort Server: Read Me File (12/93)

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Article Created: 16 December 1993

TOPIC ------------------------------------------------------------

This article contains the Read Me file for the Apple Remote Access Multiport
Server.

DISCUSSION -------------------------------------------------------

APPLE REMOTE ACCESS MULTIPORT SERVER READ ME
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This document provides late-breaking news about the Apple Remote Access
MultiPort Server not covered in the "Apple Remote Access MultiPort Server
Administrator's Guide."  You may need to refer to that guide to understand the
use of several terms in this document.


Modems supported by the Apple Remote Access MultiPort Server
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The Remote Access MultiPort Server supports any Hayes-compatible 9600-bps or
higher-speed modem with the appropriate script.  Modem scripts for many
popular modems are provided on the Apple Remote Access MultiPort Server
installation disks, including:

United States
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V.fast modems:
  Motorola Codex 3260fast

V.32bis modems (14,400 bps):
  Hayes Ultra 144
  Motorola Codex 3260
  US Robotics Courier V.32bis

V.32 modems (9600 bps):
  Hayes Ultra 96
  Telebit T1600
  UDS/Motorola 3225
  UDS/Motorola 3227
  US Robotics Sportster
  US Robotics Worldport
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ISDN support:
  Hayes ISDN Adapter

Germany
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25,000 bps:
  Motorola 326x (Fast) v2

19,200 bps:
  MDG 19K2-31 v2
  MDG14MX-22 v2

14,400 bps:
  euroScout v2
  PriCom 14.4  v2
  TELEJET 14400 v2

9600 bps:
  FURY 9600 TI v2
  MicroLink 9624 v2

2400 bps:
  CN-3532 SA Plus v2
  CN-3532 SA v2
  MicroLink 2410 v2

Switzerland
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19,200 bps:
  ZyXEL U-1496

9600 bps:
  FURY 9600 TI v2
  NOKIA PMD 9600
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NOTE: The U.S. scripts listed above are also installed in all other countries.

9600-bps or higher-speed modem scripts included with the Apple Remote Access Client for Macintosh software can also be used with the Apple Remote Access MultiPort Server.

If you're familiar with connection control languages (CCLs), you can also write the appropriate script for your modem by using the "Apple Remote Access Scripting Guide" and the Modem WorkShop software, which are included with the Apple Remote Access MultiPort Server.


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Using an MNP 10 modem
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MNP 10 is an error-correction protocol that allows for more reliable data connections made through cellular modems.

Cellular phones with modems that have MNP 10 capabilities generally cannot receive a callback from a server due to variations in how phones answer incoming calls. Use a different security verification method than callback for cellular clients.

Using a Remote Access MultiPort Server with an Apple Internet Router
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The Remote Access MultiPort Server may coexist on the same Macintosh with the Apple Internet Router version 3.0.1 or later. If Apple Internet Router 3.0 is installed, you must upgrade to Apple Internet Router 3.0.1 before installing the MultiPort Server. You may obtain this software through your authorized Apple reseller or representative, AppleLink, or the Apple Customer Assistance Center.

Using the Remote Access MultiPort Server with AppleShare

If AppleShare 4.0 is installed on the same Macintosh as the Apple Remote Access MultiPort Server is to be installed on, you must upgrade to 4.0.1 before installing the MultiPort Server. The Apple Remote Access MultiPort Server and AppleShare 4.0.1 can be active concurrently. You may obtain this software through your authorized Apple reseller or representative, AppleLink, or the Apple Customer Assistance Center.

Using the Remote Access MultiPort Server with Macintosh File Sharing
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You cannot use the Remote Access MultiPort Server software concurrently with System 7 Macintosh file sharing. When you start the Remote Access Manager program, you will be asked to convert the Users & Groups Data File. After it is converted, only Remote Access Manager and AppleShare 3.0 (or later) can use the Users & Groups Data File.

Using the MultiPort Server on Macintosh computers with 7-inch NuBus Cards
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Macintosh computers that use 7-inch NuBus™ cards only (such as the Macintosh Centris 610 and Macintosh Centris 660AV) may not be supported at this time by the Apple Remote Access MultiPort Server. Consult your authorized Apple reseller or representative for more information.

Using the Remote Access MultiPort Server with the built-in serial ports
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The built-in serial ports in your Macintosh are not available for use with the Remote Access MultiPort Server.

Automatically starting the Remote Access MultiPort Server

If you want the MultiPort Server to start automatically after you restart your computer, or if you want the server to restart after a power failure, place

the Remote Access Manager application (or an alias) in the Startup Items
folder, located in the System Folder. The MultiPort Server will only start
automatically if it was running the last time you quit the Remote Access
Manager application.

Printing the Remote Access MultiPort Server Log

For best results when printing the Remote Access Manager server log, choose
Page Setup from the File menu and then select the following options:

1. In the Orientation section of the dialog box, select the landscape page
orientation (the option on the right).

2. In the Reduce or Enlarge box, type 70.

Using the Remote Access MultiPort Server with a security zone
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If a security zone is advertised by a network router, make sure the security
zone is available when Remote Access Manager ports are configured and turned
on. Otherwise, when an Apple Remote Access user dials in, the user will be
disconnected and the port turned off. See the "Apple Remote Access Security
Zone Read Me" file (on the "Apple Remote Access MultiPort Server Toolkit"
disk) for more information.

Zone lists and server performance

Overall performance of the MultiPort Server may be diminished if a large
number of zones are included as part of a user's zone access privileges. If
you wish to allow or disallow a user's access to a large number of zones, it
would be better to choose either "All Zones except listed" or "Only Zones
listed," respectively. (See the section "Creating a New User" in Chapter 3 of
the "Apple Remote Access MultiPort Administrator's Guide" for details on how
to set these options.) Always try to minimize the number of zones in a user's
zone list for best performance.

Reinstalling the Remote Access MultiPort Server software

If you reinstall the MultiPort Server software and want to keep your server
preferences and port configuration, move the MultiPort Server Preferences and
Remote Access Preferences files out of your Preferences folder (in the System
Folder) before reinstalling the MultiPort Server. After you reinstall the
software, replace the newly installed MultiPort Server Preferences and Remote
Access Preferences files with your original files.

NOTE: Only replace the MultiPort Server Preferences file with the original
file if you know that your original file is not damaged. Your MultiPort
Server will not start with a damaged MultiPort Server Preferences file.
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