



Tech Info Library

Read Me(ARA 1.0 Client Enabler) File (8/94)

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TOPIC -----

This article is the Read Me(ARA 1.0 Client Enabler) File.

DISCUSSION -----

1.0 Client Enabler for Apple Remote Access 2.0.1 Servers

These enablers are designed for Apple Remote Access 2.0.1 MultiPort and Personal Servers. They allow those servers to accept calls for ARA 1.0 clients. They do not provide bug fixes or other enhancements. You do not need to use the enablers if no version 1.0 clients require access to your version 2.0.1 Personal or MultiPort server.

The enablers work by modifying certain of your ARA 2.0.1 server files, changing their version number to 2.0.1RevB. No changes need be made to either 1.0 or 2.0 clients. To install the enablers, simply run the appropriate enabler application on the server machine. If you want to provide 1.0 client access on a version 2.0 server, you must first install the ARA 2.0.1 upgrade before running the enabler application.

These enablers are for the nonlocalized (English-language) version only.

LIMITATIONS

- External third-party security was introduced with version 2.0 of ARA. If a server requires a client to have external security modules in its System Folder, version 1.0 clients will not be able to connect.
- In the highly improbable event of line errors at the time of connection, it is possible for a version 2.0.1 client to retry a connection by using version 1.0 ARA protocol. If the retry succeeds, some ARA version 2.x features may not be available to the client for the duration of the connection. This connection degradation is not likely to occur, and even if it does, the user may never notice. If the user does encounter problems, he or she should disconnect and make the call again.

MultiPort 2.0.1RevB - CLIENT 1.0 INCOMPATIBILITIES

Here is a list of the 2.0 security features that have no counterpart in 1.0

clients:

- The client's account requires an external security module.
- The "Always Require User to Enter Password" checkbox is checked in the Server Preferences dialog box.
- The client's account has "Require New Password on Next Login" checked.
- The client's password has an expiration date.
- The client's password must be of a minimum size specified by the administrator.

When a 1.0 client attempts to connect to a server that has 2.0-only security features in place that apply to the client's ARA account, the connection attempt is refused by the server. The client receives the following message in a dialog box:

"The connect attempt failed. Remote Access on the computer you are calling refused to connect."

The server records the following two messages in the activity log:

"Connection attempt refused."

"Caller's ARA version insufficient for security or password settings."

Note: For all of the security features just listed, if a 1.0 call is denied access and is followed by a 2.0 call to the same account, the security is handled in the standard 2.0 way. For example, say that the user's password has expired and he or she is refused access when calling in with 1.0. The next time the user calls in with 2.0, he or she will be presented with the normal password-expired dialog box.

In addition, if dial-in-and-transfer and callback-only ports are being used on the 2.0.1 MultiPort server, 1.0 clients may encounter the "The connect attempt failed..." error message if their accounts are not set up properly for callback. The administrator should verify that a callback number is entered and checked for each 1.0 client that uses a dial-in-and-transfer port.

WARNINGS

- On the version 2.0.1 Personal Client/Server, the Compatibility checkbox is obsolete and should be left unchecked. Checking this box causes the Remote Access Personal application to deactivate the Change Password item in the Setup menu.
- If you try to apply the enabler a second time on your server, an error message will appear.
- Apple does not recommend use of this enabler with MNP-10 modems.
- Run the enabler application from a disk on your system and not from another

system on a network. A system crash may result if you try to launch the application from a remote system.

INSTALLATION

Two enabler applications are supplied on this disk: one for the MultiPort Server (ARA MP 1.0 client enabler), and the other for the Personal Client/Server (ARA PS 1.0 client enabler). Before you launch the application appropriate for your server, you may want to back up the files that will be modified. Backup is not necessary if you have the original ARA installation floppy disks handy. If you do want to go back to the original version of the server, do not use the Installer on the disks. Instead, simply copy the files back to the Extensions folder.

On the Personal Client/Server, two files in the Extensions folder will be affected by the enabler. Their names as originally installed are:

- Apple Remote Access Personal
- Link Tool Manager

On the MultiPort Server, four files in the Extensions folder will be affected:

- Apple Remote Access MP
- Call Back Client
- Call Back Server
- Link Tool Manager

When the enabler application runs, it will prompt you with standard file dialog boxes for the names and locations of the files to be modified.

When the enabler application exits, restart the system.

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