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## Using TCP/IP to Access a Remote AppleTalk Network (1/96)

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TOPIC -----

Is it possible to use a TCP/IP network to connect to an Apple Remote Access (ARA) Server and have the access to the server I would have if I dialed the ARA Server direct?

I have a dial up, modem-based PPP connection to a local internet service provider (ISP), and I want to access an ARA server in another state. The server has a dedicated Internet connection and it's own unique IP address and domain name. One solution, of course, is to dial up the server, but that is an expensive call. What I want to do is use my PPP-TCP/IP connection so that I can establish a TCP/IP connection to an ARA server and then use ARA to access the remote AppleTalk network to mount a shared volume on my desktop.

DISCUSSION -----

There is a product that can do what you want, but it's not ARA. The product was developed at the University of Melbourne in Australia and can be downloaded from the Internet with ftp from the following address:

[munnari.oz.au](ftp://munnari.oz.au)

Look in the mac directory for ARNS (A Remote Network Server). We do not believe there are any commercial products that are in its class of functionality.

The client software can run on any Macintosh with classic networking, that is MacTCP. A new icon, IP Remote, appears in the Network control panel, for example like EtherTalk & Remote Only. Clicking on IP Remote presents a login dialog to appear requesting the IP address of the ARNS server, your user name and password. ARNS is being updated to work with Open Transport but is not compatible yet.

The server software can run on a Macintosh, or a UNIX workstation. Refer to the ftp site for more server information.

ARNS is like ARA in remote only mode, where your Macintosh is either on a local AppleTalk network or a remote AppleTalk network. Your computer cannot be on both AppleTalk networks simultaneously.

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