MacX: Via ARA and DDP-IP Gateway

Article Created: 24 March 1992
Article Last Reviewed:
Article Last Updated:

TOPIC ---

I am attempting to create a dial-in X window session using ARA (AppleTalk
Remote Access), MacX 1.1.7, Mac TCP 1.1, and a FastPath 4 with K-Star 9.1.
The solution works over LocalTalk. But when I disconnect from the network,
dial up the ARA server, and attempt to execute an X command, I get a "Could
not open display" error in MacX.

The session log either gives me a "Could not open display" error, or acts
as if the X session is open, even though I get no window on the display
server screen. MacX makes the connection to the X client, and the FastPath
properly assigns a TCP/IP address to the server (from the range I set up in
K-STAR). I simply get no screen display on the server. Knowing that X is
shipping screen bitmaps across the link, I'm assuming that ARA is the
problem.

Are there any documented incompatibilities between MacX and ARA?

DISCUSSION --

We set up a similar configuration to run MacX via ARA and a KIP fastpath
gateway. We encountered no problem starting an X client from MacX remote
command and/or from a remote X host (an A/UX with X11R4 clients, for
example).

If you've configured and set up this kind of environment correctly, we
suggest doing the following, after ARA is connected and before doing MacX:

1) Make sure you choose ARA from the Network control panel and reboot
   the system.

2) Make sure you choose the right zone (on which your Fastpath resides)
   from the MacTCP control panel.

3) In the MacTCP control panel, make sure the netmask is the same as the
   one the Fastpath server uses. Basically, verify all information
   in the MacTCP control panel.

4) Use the "MacTCP Spy" program, a MacTCP utility to show the current
   status of MacTCP on the Macintosh. The IP, Subnet Mask, and Gateway
   addresses will be shown if it talks to the Fastpath gateway.

5) From the remote X client host (most are UNIX boxes), try to "ping"
   (doing the ICMP request), to see if it can reach your Macintosh.
   If this doesn't work, it's most likely the netmask, or broadcast
   address, or routing table problem.

6) Now try MacX.

7) Make sure the -display option on the MacX remote command line matches
   the one in the "Display" pop-up menu (0-3).
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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 10017