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SNA•ps 5250 Can't Connect, Config Problem (10/93)

Revised: 10/14/93
Security: Everyone

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Article Created: 13 October 1993

TOPIC -----

I'm having trouble connecting SNA•ps 5250 1.0 to a SNA•ps Gateway 2.0. I have verified the gateway configuration and it is working. I'm starting 32 sessions and all sessions are contention winners. QAUTOVRT is set to 500.

When I start SNA•ps 5250 I get a zone list. I can see the gateway in the gateway list. I can see both pool and session names in the pool/sessions column.

SNA•ps 5250 control panel Local LU is set for PASSTHRU and Auto Configuration. Local LU name on gateway is PASSTHRU.

When I select a session (or pool - I've tried it both ways) and click the Connect button I get the error, "Couldn't connect to session because there is an error communicating with the SNA•ps gateway."

I have tried to get a trace on the SNA•ps gateway and it showed nothing. I also run an SNA trace on the AS/400 and there is no traffic related to starting display station PASSTHRU or connecting a terminal session. No errors are generated on the AS/400.

This leads me to believe that this is a problem with SNA•ps 5250 itself. Gateway and terminal emulator are being run on the same Mac right now, but I've also tried connecting 5250 sessions from other Macintoshes on network, and get the same error message.

The gateway is a Macintosh IIci, 20 MB RAM, System 7.1, AppleTalk 58.0, EtherTalk 2.5, Asante Ethernet card, 32-bit addressing on, file sharing off.

I am certain this is not an SNA communications problem. This has something to do with the connection between the gateway and the emulator.

DISCUSSION -----

Since the gateway bound all contention winner sessions correctly, we all passed judgement on the correctness of the SNA•ps Gateway configuration too quickly. The TP configuration of the SNA•ps Gateway was incorrect in the Characteristics area on the dialog box. The SNA•ps 5250 emulator requires the Basic/Mapped Verb radio button be selected and the PIP information check box selected. You have the Basic radio button and no check box for PIP information. The SNA•ps 5250 attach Verb call was rejected since it requires Mapped verb support so you get the dialog box " Couldn't connect to session because there is an error communication with the SNA•ps gateway." This is a generalized failure to connect dialog box which is displayed for the less often encountered attach errors.

You ended up with this TP configuration by using the Apple supplied sample configs which come with the 2.0 gateway. You used that config file as a base for other configuration entries and never checked on the Characteristics required in the SNA•ps 5250 documentation. If you had done the config from scratch, the normal TP defaults are Basic/Mapped and PIP checked.

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Tech Info Library Article Number:13636