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SNA•ps: AS/400 Serves As Gateway to Remote AS/400

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TOPIC -----

I have a SNA•ps gateway going to an AS/400 over Token Ring. The local AS/400 serves as a gateway to remote AS/400s that are on an SNA Token Ring network. I need to know how to get through the local AS/400 gateway to the remote AS/400s.

DISCUSSION -----

The SNA•ps Config allows the entry of Network Qualifiers and Gateway Network Names. When an APPC controller is configured on the AS/400, there is a field for the Remote Control Point. Also, each AS/400 has a Local Network ID which is displayed by the "DSPNETA" OS/400 command.

When the SNA•ps connected to the local AS/400 and a client application uses Display Station Passthru calls to that machine, the SNA•ps Config for that Line/Partner/Local LU/Remote LU group is as follows:

Local Network ID of local machine goes in the Network Qualifier entry of the Partner.

&

Local Network ID of local machine goes in the Network Qualifier entry of the Local and Remote LU.

&

Remote Control Point from the AS/400 controller description of local machine goes in the Gateway Network Name of the Partner.

When you desire to connect to remote AS/400 on the Token Ring, then you have to configure another Line/Partner/Local LU/Remote LU group with the Local Network ID of the remote and use the entries in the remote AS/400 APPC Controller description. So the second Line/Partner pair is as follows:

Local Network ID of remote machine goes in the Network Qualifier entry of the Partner.

&

Local Network ID of remote machine goes in the Network Qualifier entry of the Local and Remote LU.

&

Remote Control Point from the AS/400 controller description of remote machine goes in the Gateway Network Name of the Partner.

And how does this work? The connection uses the APPN routing available with AS/400s on Token Ring. The Display Station Passthru call made to the second configured group will be routed first to the remote AS/400 and then the connection will be made.

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