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## DAL 1.4 Client and MacIRMA API (1/94)

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TOPIC -----

I'm currently installing a VM/CMS server. Nothing I do appears to get me up and running. Following is a listing of the things I've checked:

- DAL Client 1.4. System uses IRMA card on Token Ring to connect to the mainframe.
- Original error in DAL Tester was:  
  
Connection to host DCAHAPPI -10632 (1103/0001) (DCAHAPPI DAL Preferences)  
DCA failure connection to presentation space Disconnected.
- Preferences seem to be all right.
- Checked to make sure I have the DALnet DCAHAPI network adapter installed, which I do. I don't have the DAL debugger though, so I cannot try those.
- VM/CMS ESA 370 mode, CMS Level 7, Service Level 110 is the version of the operating system. DAL V 1.4 of the DALnet adapter is installed.
- With DAL Tester in debugging mode: I got the following output after Connection Options (Connopts)?  
  
opening IRMA HLLAPI Driver connect failed 1  
  
Connection to host DCAHAPPI -10632 (1103/0001) (DCAHAPPI DAL Preferences)  
DCA failure connection to presentation space Disconnected.
- I've got MacIRMA connections to the mainframe so everything is OK on the IRMA side it seems.

What am I missing?

DISCUSSION -----

We contacted DCA to get the most current information about versions of their software and how it all fits with DAL releases.

Some background:

DAL Client 1.3.5 for VM, MVS and VTAM when used with DCA's MacIRMA required the use of the special IRMA API release (ELLAPI) which was patterned after the Apple 3270 API. The DAL script called for an API entry of simply DCA.

With the release of DAL client 1.4, the DAL engineers responded to a request from DCA to stop supporting the old, non-DCA standard API and support the newest HLLAPI support in MacIRMA. So, DAL 1.4 DOES not work with the older IRMA API (ELLAPI) and REQUIRES the IRMA HLLAPI. See the DAL script now with DCAHAPI as the API designator (you cannot use the name DCA in the script). It was unfortunate that DCA was not informed of this change in API driver for DAL 1.4, so their Tech Support was informed by me.

To solve this problem, you need to get from DCA, version 3.1 of the MacIRMA API driver. You will have to find out what version of MacIRMA 3270 is then needed from DCA. Apple cannot distribute other vendor's APIs. You should upgrade all pieces to be sure the IRMA 3270 emulator still works with the new API needed to support DAL 1.4

Hope that clears up the mystery. We see the failure in the DAL debugger when it says Opening IRMA HLLAPI Driver and then fails to connect. The needed driver is not in the Macintosh.  
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