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DAL for AS/400: Pre-Installation Checklist

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TOPIC -----

This article provides a pre-installation checklist for the AS/400, Macintosh, and Network connection.

DISCUSSION -----

For the DAL AS/400 Server to operate properly, the proper environment must exist on the AS/400, the Macintosh, and the network connection.

The AS/400

The AS/400 must be running OS/400 version 2, release 1, Modification 1 or later. SQL/400 is not required because the run-time SQL/400 libraries that are part of OS/400 are sufficient for the operation of the DAL Server.

The DAL Server takes approximately 3MB of AS/400 DASD storage.

The AS/400 must have at least one Token Ring or serial communication adapter.

For software installation only, the user must have access to the QSECOFR User ID or similarly privileged account.

Data access is limited to those functions allowed by SQL/400. To assist in problem resolution, the licensed program, SQL/400, could be installed by the customer. The customer could then test a given set of SQL statements to determine if SQL/400 will support the request.

The DAL Server provides access to SQL/400 collections and tables, and native AS/400 data structures, such as libraries and files.

If you are going to Insert, Update, or Delete you must have:

- SQL400 installed on your AS/400
- Journaling turned on for Databases and/or files.

The Macintosh

The Macintosh computer will have to be equipped with the DAL client version 1.3.7. This client can be purchased from Apple Computer. In addition, the client machine may also need one of the database access applications, such as Clear Access, Data Prism, or GQL -- or a spreadsheet product like Excel, Wingz, or Resolve.

The Network Connection

Network access from the Macintosh to the AS/400 is supported using APPC (LU6.2) communications over SDLC or Token Ring physical attachments. This requires either an Apple Token Ring 4/16 NB Card or an Apple Serial NB Card. The APPC attachment makes use of the Apple SNA•ps Gateway product, which runs on the Apple Token Ring or Serial card. The SNA•ps Gateway can distribute APPC sessions using AppleTalk protocols over LocalTalk, Ethernet, or Token Ring network cabling.

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