



Tech Info Library

DAL: Response Time Via Modem (11/94)

Revised: 11/7/94
Security: Everyone

DAL: Response Time Via Modem (11/94)

=====

Article Created: 22 February 1991
Article Reviewed/Updated: 07 November 1994

TOPIC -----

Do you know what is the response time for a simple DAL query to the host through a 2400-baud modem?

Do you know what is the response time for a simple DAL query to the host through AppleTalk tunneling?

DISCUSSION -----

It is difficult to provide any hard number because the response time varies so much depending on the environment. There are a number factors that can affect response time:

- Network traffic
- Host CPU model and its current user load: lack of system resources like memory, disk space, and CPU power. Too many users trying to update or read the same records at the same time can cause locking problems.
- Condition of communications line
- Macintosh model
- Database brand
- Database design: Bad design can make finding or updating certain records take a long time.
- Operating system set up
- Programs

Additionally, a DAL query, though simple, can result in one or many records to be selected. Depending on the machine's host load, a 2400-baud connection will work. For DECnet tunneling, we recommend a line speed of 56K or faster to achieve reliability and good performance.

Article Change History:

07 Nov 1994 - Reviewed for technical accuracy.

Support Information Services

Copyright 1991-94, Apple Computer, Inc.

Tech Info Library Article Number:7045