DAL Server For VMS and VAX Cluster Arrangement (4/93)

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TOPIC ---

Questions regarding the DAL server for VMS and Rdb:

• Do Pathworks and the DAL server software need to be on the same VAX as
  the Rdb dataset?

• What if the VAXes are clustered: can DAL be on VAX1 and Rdb or at least
  the data be on VAX2?

• If a distributed topology is allowed, are there performance or support
  drawbacks?

DISCUSSION --

The DAL Server and the Rdb DBMS server must both be on the same VAX in the
cluster. This is an architectural constraint and is enforced by the
installation process. The DAL Server cannot be installed if the DBMS
server is not present on the same VAX system.

The Rdb data can be on a different VAX in the cluster as long as the data
disks are sharable across the nodes in the cluster.

Performance would depend on network traffic load among the VAXes as well as
load on each of the VAXes themselves. We would expect a minimal impact
when DAL and the data are separated, ALL OTHER THINGS BEING EQUAL.
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