



Tech Info Library

DOS Compatibility Card: Use VLM.EXE With NetWare (9/96)

Revised: 9/20/96
Security: Everyone

DOS Compatibility Card: Use VLM.EXE With NetWare (9/96)

Article Created: 2 May 1995
Article Reviewed/Updated: 20 September 1996

TOPIC -----

I am trying to connect to a Novell NetWare 3.12 server using a DOS Compatibility Card. However, when I use NETX 3.32 with ETHERNET_802.3 from MS-DOS, I get the error message "Can't connect to a server", and then the application quits.

DISCUSSION -----

Apple has tested NETX.EXE and it seems to function properly, however both Apple and Novell recommend upgrading the workstations to VLM.EXE because of its versatility and smaller memory footprint. Also Novell no longer supports NETX.EXE, so you should use VLM.EXE.

Following is a list of version numbers of the various components Apple Computer tested:

Begin_Table

MACODI.COM	v0.23
LSL.COM	v2.01 and v2.14
IPXODI.COM	v2.11 and v3.01
NETX.EXE	v3.32
VLM.EXE	v1.20
NETX.VLM	v4.20

End_Table

NETX.EXE or NETX.VLM is the DOS requester shell. A configuration error is the likely cause of the error. Typically, "Can't find a server" error messages are almost always related to frame type settings in the link driver section of the NET.CFG file. Here is an sample NET.CFG file to compare with what you are using.

Begin_Table

Note:

In the NET.CFG tabs are important.

SAMPLE NET.CFG

Link Driver MACODI

Protocol IPX 0 ETHERNET_802.3

FRAME ETHERNET_802.3

Netware DOS Requester

FIRST NETWORK DRIVE = F

Link Support

Buffers 8 1500

MemPool 4096

End_Table

Notice that tabs were used to indent.

Connecting a DOS/Windows computer into the same drop and having them operate correctly only indicates that the hardware is functioning correctly. The link driver section has to explicitly name the driver -- in this case MACODI. If you copied a NET.CFG file from another computer, it will not work. Novell Netware 3.x servers default to Ethernet 802.3, while 4.x servers default to 802.2.

Article Change History:

20 Sep 1996 - Updated title.

19 Sep 1995 - Clarified discussion.

10 Aug 1995 - Article revised by author.

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Tech Info Library Article Number:17682