

From bradsl Fri Nov 22 13:59:24 1991
To: debbish steveb
Cc: davidcol greglo russa
Subject: novell meeting
Date: Fri, 22 Nov 91 13:59:56 PST

Steve, here is a very quick summary of our plans for NetWare support in Win31.

For your meeting with Noorda on Sunday, fundamentally what we want from Novell is his agreement that we should work together closely to provide the best possible support for Novell clients in Win 3.1. This means that this effort has his support and that full cooperation is a high priority for his development group. The development group is looking to top management for approval and guidance; Noorda needs to give it.

Novell is in fact clamming up with us, rather than becoming more cooperative. For example, there is apparently an edict that no one in Novell except one guy, Jeff Hanline, is allowed to talk directly to Microsoft employees.

What we're asking for is simply what's called for in the deal we have been working on with them; nothing new. It's just that their current actions are not consistent with this. The people in the trenches who will make this a success need to be given a clear signal to work with us.

For Win 3.1, bugs in existing versions of the NetWare client need to be fixed, requiring updates to the NetWare shell, ipx, lsl and the Windows components already shipped in our box. The work below to accomplish this is understood and has been discussed with Novell developers.

Retail Windows 3.1 will include:

1. NetWare Windows components
2. NetWare client files
3. a simple client upgrade utility run by Setup
4. improved NetWare detection
5. transparent support for IPX/SPX apps in standard mode

The Windows System Admin Kit will include:

1. NetWare Windows components
2. NetWare client files
3. common NetWare hardware drivers required to upgrade monolithic IPX
4. a more powerful upgrade utility to upgrade monolithic IPX

The windows components are installed as part of normal setup. The simple client upgrade utility will install an updated shell. This utility will also install ipx but only if the non-monolithic version is being used (ipxodi.com). If a monolithic ipx is being used, it

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will copy a new ipx.obj but not generate the driver. There are straightforward ways to make this utility better, but this is what it must minimally do.

What we need from Novell:

1. bug fixes, with shared bug lists and cooperation in determining which bugs to fix and which to postpone to make our ship date
2. modifications to VIPX to prevent crashes when IPX cannot be immediately upgraded
3. a simple upgrade utility for the retail box
4. a more powerful upgrade utility for the System Admin Kit
5. cooperation to improve our joint testing
6. agreement that this effort and full cooperation are high priority for the NetWare client development group

In addition, we strongly would like a Novell developer to do the work here at Microsoft so we can have high-bandwidth interaction to assure the project's success.

Here is the list of files we are going to ship:

- netware.drv	winnet driver
- netware.hlp	winnet driver help
- nwpopup.exe	message popup
- vipx.386	virtual device driver for ipx/spx
- vnetware.386	virtual device driver for redir
- ipx.obj	monolithic ipx module
- ipxodi.com	non-monolithic ipx driver
- isl.com	tar for odi/ipx
- netx.com	redir
- tbmi2.com	ipx/spx support for std mode

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Network and Memory Manager Support

Network support "in the box"	WinNet	Source
3Com 3+Open 1.x	msnet	internal
3Com 3+Open 2.0 and above	lanman	lanman
3Com 3+Share (all versions)	msnet	internal
Artisoft LANtastic 3.x	msnet	internal
Artisoft LANtastic 4.0 and above	lantnet (N)	artisoft
Banyan VINES 4.0	msnet	internal
Banyan VINES 4.1 and above	vines (N)	banyan
DEC Pathworks 4.0 and above	pcsa	DEC
IBM OS/2 LAN Server 1.2 and below	msnet	internal
IBM OS/2 LAN Server 1.2 with CSD	lanman20	lanman
IBM OS/2 LAN Server 1.3 and above	dir (N)	ibm
IBM PC LAN Program (versions)	msnet	internal
Microsoft LAN Manager 1.x or 2.x Bas.	msnet	internal
Microsoft LAN Manager 2.0 Enh.	lanman	lanman
Microsoft LAN Manager 2.1 Enh.	lanman21	lanman
Microsoft Networks (all versions)	msnet	internal
Novell NetWare 3.01 and above	netware	novell
TCS 10Net 4.1	msnet	internal
TCS 10Net 4.2 and above	wtnet (N)	tcs

Network notes:

(N) - indicates that we do not ship the required driver, but instead look for it on the user's disk and prompt for its location if we can't find it.

We won't show version numbers unless the user chooses to see the "second screen". Setup will detect the version number.

More network will be supported after being compatibility tested, but they will not be listed in setup.

Supported Memory Managers

Compaq CEMM (don't have exact version numbers today)
 Microsoft EMM386 (we ship it)
 Quarterdeck QEMM 5.10 and above
 Qualitas 386MAX/BlueMax 5.10 and above

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