NetView Distribution Manager/2

Version 2.1

Documentation Update

FixPak

XREFP03

March 26, 1997

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ABOUT THIS FILE

Introduction

This file (README.TXT) tells you how to install the FixPak and informs which fixes, see section "What is new in this FixPak" of this text, are made available with this FixPak along with service TIPS.

Moreover, this README.TXT informs some changes to the NetView DM/2 V2.1 product manuals.

IBM Service Support

Please contact the local IBM Service Support Center before installing this FixPak to determine if additional information or changes to the instructions in this document are available.

Additional Support

To assist you with product installation and general information, the following telephone number is available Monday through Friday, from 09.00 to 18.00 hours, Central European Time.

Country Code (Italy)	39
Area Code (Rome)	6
Local IBM number	596
Extension	62824

Product support is provided through the RETAIN* PMR (Problem Management Record). The NetView DM/2 Customer Support (Level 3) RETAIN queue is: NDM2,206

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PART 1. FixPak

This FixPak set improves the NetView DM/2 V2.1 reliability and functionality in several areas. Many of the changes will be transparent to you, as they improve the way NetView DM/2 functions without changing how you use it. Some of the changes involve amending the way you use NetView DM/2 and thus require the documentation also to be amended.

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CHAPTER 1. THE NETVIEW DM/2 FixPak

The NetView Distribution Manager/2 Version 2.1 FixPak follows the rules that applies to those OS/2 related. In fact, the FixPak for NetView DM/2 Version 2.1 are built using the same Corrective Service Facility (also called FIXTOOL) that OS/2 uses to build its own FixPak. Thus, each NetView Distribution Manager/2 Version 2.1 FixPak is composed by a set of the diskettes that contain just the product fixes; to implement a FixPak a couple of diskettes, called Kickers, are needed; these come along with FixPak and are different from others related to products different from NetView Distribution Manager/2 Version 2.1 (i.e. OS/2 Kicker diskettes are not valis for NetView DM/2).

The NetView Distribution Manager/2 Version 2.1 FixPak allows to apply related product maintenance either to product images or fully configured product installation.

However, we recommend as, faster method, to apply FixPak on top existing product images and from these refresh both CC Server and CC Client installations.

This method combines and takes advantage from both CID methodology and Software Distribution capability of your NetView DM/2 V2.1 .

In fact, you can apply the FixPak on NetView DM/2 product images stored at your Preparation Site and from here, to distribute and to install these to the remote CC Servers of your network.

Once distributed the upgraded product images to all CC Servers, you could reinstall, by unattending the targets, CC Servers (first) and CC Clients from these via an External Install of Execution of respectively NVDMINST and NVDMCLT.

The NetView Distribution Manager/2 Version 2.1 FixPak implementation will results as:

- upgrading of the product files
- upgrading of the related SYSLEVELs

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What is New in this FixPak

This FixPak, XREFP03, distributes some product fixes as referenced in the FIXES.TXT file located in the first FixPak diskette, labelled CC Server, RA & OS/2 CC Client APAR FIXES; it cumulates fixes distributed with previous FixPaks (XREFP01 and XREFP02).

LIMITATIONS

This FixPak applies to NetView DM/2 Version 2.1 product images and fully configured installation on OS/2 platform. So, DOS CC Client and LDU Receiver MUST be upgraded reinstalling the product from upgraded product images.

CURRENT CONTENT

The following RETAIN APAR fixes are distributed starting with FixPak XREFP03

PJ21326

CDM SEND FAILS BECAUSE NETVIEW DM/2 DOES NOT SUPPORT LATIN II CODEPAGE

PJ22107

MESSAGE ANX0310, ENTRY ALREADY EXISTS IN CATALOG

PJ22187

NVDMUPO.EXE - ADDING DUPLICATE ENTRIES IN CONFIG.SYS

PJ22197

INITIATE PROCEDURE ENDED WITH RC=8 SENSE084B0000

PJ22267

RETURN CODE 37 ON CDM DELETIT

PJ22290

ANXSAQ4S.EXE NOT FREEING ALLOCATED MEMORY

PJ22306

NVDM/2 WILL NOW RECOGNIZE 0X0400 WINDOWS PROTECTED MODE PROGRAM PROCESSED IN CF FOR WINDOWS APPS CID-ENABLED W/ SFT. INSTALLER/

PJ22361

SCHEDULED ACTIVATE REQUEST FOR A GROUP OF CC CLIENTS IS BEING INCORRECTLY PROCESSED. SOME ACTIVATES OCCUR IMMEDIATELY

PJ22425

REQUIREMENT FOR DOUBLE QUOTES AROUND PARAMETERS IN NVDM2 PROFIL

PJ22606

IMPROVING MESSAGING WHILE EXECUTING TRANSMISSION CONTROLLER QUEUE RECOVERY

PJ22687

WHEN TRYING TO INSTALL PACKAGES FROM CDM DIALOGS ON THE RA WORK STATION, REMOTE TARGETS DOES NOT APPEAR AS AVAILABLE TARGETS.

PJ22774

NVDM/2 AGENT TRAPS IN CASE OF CORRUPTED PACKAGES

PJ22942

IMPROVEMENT MESSAGING WHEN CDM ACCEPT FAILS BECAUSE *.REM FIL HAS BEEN DELETED EVEN IF ACCIDENTALLY

PJ23115

SYS3175 IN ANVCMSRV.EXE WHEN SENDING AN EMPTY FILE

PJ23142

RETRIEVE VIA REMOTE ADMIN OF NVDM/2 XR0004 IN ORDER TO RETRIEVE MICROCODE TO A 3174 GETS ANXE5211.

PJ23144

INTERMITTANT SYS3175 TRAP IN ANXCMCLC.EXE WHEN INSTALL REXX INSTALLATION TO CLIENTS. ANX0189 'SYSTEM ABEND 2' IN LOG

PJ23181

TRANSMISSION CONTROLLER HANG DURING STRESS CONDITION HANDLING MANY INSTALL REQUESTS

PJ23224

APAR TO TRACK NVDM2 WORKAROUND OF NETBIOS FIND_NAME BUG

PJ23423

PRISTINE INSTALLATION ABORTS

PJ23603

NETVIEW DM/2 V2.1 CC SERVER INSTALLATION HANGS (BY USING NVDMINST AFTER HAS ACCESSED THE STARTUP.CMD FILE

PJ23639

INCORRECT OUTPUT OF COMMAND CDM LIST /WS

PJ23664

NVDMBDSK/NVDMRDSK ENHANCEMENT'S TO SUPPORT 2+ BOOT DISKETTES INTRODUCED WITH LATEST OS/2 WARP V4 CODED MERLIN

PJ23710

ANX0030 IN CC CLIENT DURING A NVDM/2 DISTRIBUTION.

PJ23714

LDR0017 NO NETBIOS SESSIONS AVAILABLE WHEN LDU CLIENT TRIES TO CONNECT TO THEIR SERVER

PJ23722

ANX0166 AT CDM SEND IF CHG FILE BUILT FROM A: DRIVE

PJ23723

AFTER AN ACTIVATE FUNCTION INVALID ATTRIB CONFIG.NDM

PJ23878

GET MESSAGE ANX1247 INVOKING CDM BUILD USING CDROM

PJ23934

TRANSMISSION CONTROLLER HANG DURING STRESS CONDITION HANDLING MANY INSTALL REQUESTS

PJ23936

REMOTE SEND TO NVDM/2 CC SVR WITH GREATER THAN > 4GIG FREE SPAC RESULTS IN SENSE CODE 084C0002 DUE TO BAD CALCULATION

PJ24019

FILE GETS CORRUPTED WHEN SEND FROM NDM/MVS TO NVDM/2

PJ24049

NVDM/2 DELETES STATEMENTS WHICH BEGIN WITH START FROM THE STAR UP.CMD

PJ24188

MSGANX0082 IN NDM/2 AND NDM0856E IN NDM DURING HAVY LOAD

PJ24229

MESSAGE AND ERROR LOGS VIEWED THROUGH THE DIALOG DO NOT HAVE A TIMESTAMP - ONLY DISPLAY (AM) OR (PM) AND DATE OF ENTRY

PJ24272

NVDM/6K DETECTS A FORMAT ERROT FOR DATETIME INSTALL

PJ24371

TRAP MAY OCCUR DURING AN ACTIVATE AT IPL TIME

PJ24373

DISK CAMERA, ABNORMAL END MONITORING *.INI WITH LINE > 255

PJ24374

DISK CAMERA SHOULD INCREASE MAXIMUM INI FILE SIZE TO MONITOR

PJ24375

AGENT DOS FAILS ACTIVATE IF THERE IS NO FLOPPY DRIVE

PJ24376

NVDMUNIN FAILS TO UNINSTALL OS/2 CC CLIENT BECAUSE OF DB RELATED DLLS NOT FOUND

PJ24377

NVDMDTCT UTILITY DOESN'T RUN IF DB WAS NOT STARTED

PJ24378

INCORRECT CHARACTERS ACCEPTED WHEN ADDING CLIENTS

PJ24379

STORED NAME MISSING IN THE REPORT SENT TO AS/400

PJ24380

ANXIFCOM.IFS IS NOT INSTALLED ON LAN MANAGER 2.0

PJ24381

ANXSNADS TRAPS DURING STARTUP IF LMU2 IS STARTING TOO

PJ24382

TRANSMISSION CONTROLLER (TC) ERROR INIT MESSAGES EVEN IF THE TC IS NORMALLY STARTED

PJ24410

TRAP ISSUING A REMOTE INITIATE WITH PARMS WHEN RUNNING COMMUNICATIONS SERVER V4.X AND NETVIEW DM/2 V2.1

CUMULATED FIXES

This FixPak cumulates the following RETAIN APARs from previous released FixPaks

II08812

NETVIEW DM/2 V2.1 DOES NOT INSTALL ON TOP DB2&SLR.2

PJ19581

NETVIEW DM/2 V2.1 LDU MISCELLANEOUS FIXES 1 OF 1

PJ19582

NETVIEW DM/2 V2.1 CDM MISCELLANEOUS FIXES 1 OF 2

PJ19583

NETVIEW DM/2 V2.1 CDM MISCELLANEOUS FIXES 2 OF 2

PJ19934

CDM LIST_REQ EXECUTION DATE FIELD IS EMPTY

PJ19981

REMOTE DELETE REQUEST CAUSES A TRAP ON A NVDM2 2.1 CC SERVER

PJ20451

UNATTENDED NVDM/2 INSTALLATION LEAVE \ANX SUBDIR. WITH 3 DLLS: ANXDBCS.DLL NDMNLS.DLL AND ANXACTVF.DLL FOLLOWING INSTALLATION

PJ20512

OS/2 2.11 XR_A091 AND NVDM/2 XR00003 GENEERATES A SYS1811, THE SOFTWARE DIAGNOSTIC CODE (TRAP NO) IS 0000

PJ20560

CDM DIALOG: ANXE5141 ON THE SECOND INSTALL OF AN OBJECT

PJ20562

CDMD ERROR: "UNABLE TO ALLOCATE VIRTUAL ADDRESS SPACE"

PJ20590

CDM DIALOGS FAILS TO RETRIEVE MESSAGE/ERROR DAT FILES

PJ20658

ANXIDISP VARIABLE FOR NVDM2 2.1 Q3 ENVIRONMENT DOES NOT WORK

PJ20741

NVDM/2 SYNCHRONZIATION PROBLEM BETWEEN 2 DM/2 PROCESSES: DELETE_WS AND CM_REQUEST WHEN LARGE AMOUNT OF DEFINED CLIENTS

PJ20751

PERFORMANCE PROBLEM IN INSTALL DIALOG FOR "SERVER" ENVIRONMENT

PJ20793

NVDM/2 IS PROVIDING INCORRECT LENGTH ON FILE WITH VARIABLE LENGTH. PROBLEM IS APPARENT ON A RETRIEVE OPERATION FROM DM/MVS

PJ20829

WHEN USING AN INVALID PARAMETER WITH THE CDM SEND COMMAND, THE RC=0 WHEN IT SHOULD HAVE BEEN 5.

PJ20900

CDM DIALOG DOES NOT REGISTER ERROR/MESSAGE WINDOWS OPENING

PJ20980

ANX1007 MESSAGE IS INCORRECTLY ISSUED DURING THE CDM BUILD COMMAND

PJ21119

ANX0081 WITH ACTIVATE AFTER REM/DEL

PJ21258

ANX0211 ERROR MESSAGE LOGGED AND CC SERVER TERMINATES WHEN INSTALL IS EXECUTED AT 00:00:00 TIMESTAMP

PJ21269

DEFER POPUP NOT DISPLAYED BY ACTIVATE WITH FORCE=NO

PJ21270

NVDM/2 V2.1 ENHANCEMENT TO SUPPORT GREEK CODEPAGES/COUNTRY CODE

PJ21271

MSG ANX1470: "CANNOT OPEN ANXCLCK FILE" AT CDM START

PJ21272

TRAP IN ANXBASE.DLL ISSUING CDM START OPERATION

PJ21275

NVDM/2 V2.1 ENHANCEMENT TO INCREASE SIZE OF THE MAP FILE USED BY LDU DISTRIBUTOR COMPONENT.

PJ21305

ANXCMLDR STATEMENT CANNOT BE MODIFIED FOR ANY REASON.

PJ21350

BOOT DISKETTE CREATED WITH MS DOS ARE NOT RECOGNIZED BY NVDMBDSK

PJ21471

ANX0081 ERROR WITH ACTIVATE AFTER REMOVE OF OBJECT

PJ21476

NVDMLZW / LZW DECOMPRESSION FAILURE CAUSED BY A CORRUPTED FILE FROM A RESOURCE LOADED INTO DM/MVS WITH A SPECIFIC LENGTH

PJ21577

DOS CC CLIENT AGENT ENDS DUE TO MEMORY LACK WITHOUT POINTING OUT THIS LACKNESS.

PJ21642

WRONG OPTION REFERENCES FOR SEND SWITCH IN INITIATE/INSTALL

PJ21711

THE AIX OPERATING SYSTEM IS NOT MENTIONED IN DOCUMENTATION REFE ENCING THE CDM ADD_DEST COMMAND

PJ21719

DECOMPRESSION FAILURE FOR A ZIPPED FILE

PJ21812

CDM DIALOGS: RUNTIME ERROR IN "OPEN WORKSTATION" DIALOG, "OBJECTS..." FUNCTION

PJ21860

NVDM/2 V2.1 ENHANCEMENT, TO MONITOR WIN.INI, PROGRAM.INI AND SYSTEM.INI LOCATED OUT OF WINOS2 SUBDIRECTORY.

PJ21861

DISKCAMERA FOR OS/2 FAILS TO MONITOR WIN.INI BECAUSE CUSTOMER USED A CUSTOMIZED NAME FOR WINOS2 SUBDIRECTORY AS OS/2 ALLOWS

PJ21862

SWAPPER.DAT FILE GROWS USING CDM RELEASE

PJ21864

ALIGNMENT WITH NEW CID ARCHITECTURE ENABLEMENT SPECIFICATION

PJ21865

CLIENT IN 'RUNNING' STATUS FOREVER WHEN EXECUTING AN INSTALL

PJ21866

ERROR LOG NOT MEANINGFUL FOR PACK/UNPACK FAILURE

PJ21867

WRONG MESSAGE, ANX0250, ISSUED WHEN A FILE IS DETECTED LOCKED DURING AN INSTALL

PJ21868

NVDMUPO DOES NOT MANAGE CORRECTLY COMMA IN AFTER ATTRIBUTE

PJ21869

TRAP IN ANXCMSRV AFTER INSTALLING A CHANGE FILE

PJ21870

A TOO MANY SENDING REQUEST PENDING MESSAGE REPEATED INDEFINETLY IN THE MESSAGE.DAT

PJ21871

DOS CC CLIENT FAILS TO EXECUTE BATCH FILES IN PRISTINE SCENARIO

PJ21872

ACTIVATE FAILS IF INSTALL IN SERVICE AREA IS WITH /C PARAMETER

PJ21873

DOS CC CLIENT SHOULD BE ENHANCED TO SUPPORT DRIVELETTERS KEYWORD INTO THE IBMNVDM.INI FILE

PJ21874

NVDMINST /CO FAILS DUE TO MISSING *.BND AFTER HAVING REINSTALLED THE PRODUCT FROM PRODUCT IMAGES

PJ21875

AN FST FILE BELONGING TO NO ACTIVE TRANSMISSION IS FOUND IN THE FSDATA SUBDIRECTORY

PJ21876

SENSE CODE 100B 000C DETECTED FROM NVDM/6000 WHEN RETRIEVING A RESOURCE.

PJ21877

DOS CC CLIENT FAILS TO BUILD MINIMAL CONFIGURATION FILES IF ANY STATEMENT OF THE ACTIVE ONES IS GREATER THAN 128 CHARACTERS.

PJ21878

REQUIREMENT TO UPDATE RULE FILE .BKC TO REFER IBM DOS V7

PJ21879

NVDMUPO DOES NOT REPLACE ALL OCCURRENCES OF TARGETDIR MACRO

PJ21881

EXCESSIVE ERROR.DAT GROWS DUE TO REPEATED ANXACCDO MESSAGES

PJ21882

REQUIREMENT TO CUSTOMIZE MAXIMUM LOG FILE SIZES

Maintenance Level Serviced by This FixPak

The FixPak requires, as minimum, NetView DM/2 at maintenance level XR00002_ (CSD XR20466 or June '95 product refresh); it applies on top any previous released FixPaks (XREFP01 or XREFP02).

Once implemented, any product full configuration or images, selected at FixPak installation time, will be upgraded at the XR00005_ level.

Preparing NetView DM/2 for the FixPak

If planning to implement FixPak on a fully configured installation by running CSF GUI (i.e. SERVICE.EXE from an OS/2 prompt), please make sure that CDM has been stopped and no CDM Dialogs are active before to apply the service.

Methods to install the NetView DM/2 V2.1 FixPak

WARNING

When servicing a NetView DM/2 workstation configured as Remote Administrator, PLEASE BE SURE to apply any related maintenance simultaneously to either CC Server (SYSLEVEL.NDM) and Remote Administrator (SYSLEVEL.FPF).

Service reference: RETAIN INFO APAR II 822

WARNING

While upgrading NetView DM/2 from a previous level it is very important to upgrade FIRST the CC Server and ONLY AFTER THIS the CC Client.

In fact it is possible to run NetView DM/2 in the following scenarios:

New Server <----------> New Client (DOS and OS/2)
New Server <----------> Old Client (DOS and OS/2)
Old Server <----------> Old Client (DOS and OS/2)

WHILE IT IS NOT POSSIBLE TO RUN IN THE FOLLOWING SCENARIO

Old Server <----------> New Client (DOS and OS/2)

where "old" means previous maintenance level and "new" means this FixPak.

Attended Installation of the NetView DM/2 FixPak

The attended methods for installing the NetView DM/2 FixPak uses the OS/2 Corrective Service Facility (CSF). This is a utility that applies fixes (service) to the OS/2 operating system and other OS/2-based products.

The FixPak can be installed by the CSF in one of three ways, depending on whether NetView DM/2 is installed or has been copied to a diskette image directory, and on whether you want to use the default installation or to modify it.

NetView DM/2 Installed - Default FixPak Installation via REBOOT

This method applies the FixPak to the installed version of NetView DM/2 Version 2.1 and product images as well.

If you want to install the FixPak using the standard defaults, thus the default response file, proceed as follows:

1. Insert the NetView DM/2 kicker diskette #1 in the A: drive.
2. Restart the workstation.

Note: The FixPak is implemented according to response file directives; if no changes to the default response file, FixPak is applied to all NetView DM/2 product installations and images that are detected to be serviced. A log file, called SERVICE.LOG, is created or appended according to the :LOGFILE tag specified into RESPONSE.FIL file located on the second NetView DM/2 Version 2.1 kicker diskette: the default log path is C:\OS2\INSTALL . If the default path is unavailable or the User wishes to log differently, edit the above mentioned RESPONSE.FIL file and override the default path/filename with your favorite one.

Note: Refer to REDBOOK GG24-3780 (Remote Installation and Maintenance) for more information on how to create your own response file.

NetView DM/2 Image on Fixed Disk - Default FixPak Installation by using response file (FSERVICE).

This method applies the FixPak to the installed version and also to a diskette image of NetView DM/2 V2.1 by invoking FSERVICE along with response file.

A standard response file (called RESPONSE.FIL) is provided, on the diskette #2 of the NetView DM/2 kicker ones, that the User may customize.

Note: Refer to REDBOOK GG24-3780 (Remote Installation and Maintenance) for more information on how to create your own response file.

To apply FixPak using standard response file, proceed as follows:

1. Insert the NetView DM/2 kicker diskette #2 in the A: drive.
2. Enter A:\FSERVICE.

Note: The FixPak is implemented according to response file directives; if no changes to the default response file, FixPak is applied to all NetView DM/2 product installations and images that are detected to be serviced. A log file, called SERVICE.LOG, is created or appended according to the :LOGFILE tag specified into RESPONSE.FIL file located on the second NetView DM/2 Version 2.1 kicker diskette: the default log path is C:\OS2\INSTALL . If the default path is unavailable or the User wishes to log differently, edit the above mentioned RESPONSE.FIL file and override the default path/filename with your favorite one.

Note: Refer to REDBOOK GG24-3780 (Remote Installation and Maintenance) for more information on how to create your own response file.

NetView DM/2 Image on Fixed Disk - FixPak Installation driven by a dialog (GUI) interface (SERVICE)

This method applies the FixPak to the installed version and also to a diskette image of NetView DM/2 V2.1 from the command line by using a dialog.

1. Insert the NetView DM/2 kicker diskette #1 in the A: drive.
2. Enter A:\SERVICE. This displays a window (called "Serviceable Products") containing a list of the products on the workstation that are eligible for service.
3. Select NetView DM/2 by highlighting the appropriate entries in the products list and press SERVICE button.

   Note: All eligible products are initially selected.
4. Pressing SERVICE button will open a window called "Corrective Service Facility : Service" : press OK button to start service.

Note: You WILL NOT be able to terminate the service process after it has been started.

5. At the end of a successful implementation of the FixPak, a small window will inform of the success of the task : press OK button to continue.
6. At this time, a small window will ask if you to re-display the products eligible to service: press YES button if you want to service some product previously skipped or NO button to end.
7. To exit from Corrective Service Facility press CANCEL button from the window called "Serviceable Products".

A service log is provided for installation verification:
<bootdrive>:\OS2\INSTALL\SERVICE.LOG,
where <bootdrive> is the partition from which you IPLed.

Subsequent installs will be appended to the service log.

Unattended Installation of the NetView DM/2 FixPak

The unattended method of installing the NetView DM/2 FixPak utilizes the standard installation programs supplied with NetView DM/2:

NVDMREC to install the LDU Receiver
NVDMINST to install CC Server or Entry Base
NVDMCLT to install the Change Control Client

All of these programs can be invoked from the refreshed product images, and the release level they install from the refreshed product image will be that of the FixPak.

The recommended process for the unattended installation of a NetView DM/2 FixPak in a local area or wide area environment requires the use of an administrative workstation. This is a workstation installed with either the NetView DM/2 Entry Base or Extended Base, with connectivity to the other Entry/Extended Base workstations that require an unattended FixPak installation.

1. Create a diskette image of NetView DM/2, if it does not already exist.
2. Refresh the NetView DM/2 product image using one of the attended methods described above (either FSERVICE or SERVICE).
3. Use NetView DM/2 to distribute the refreshed product image to the NetView DM host.
4. If the administrative workstation is the CC server of a CC domain, use NetView DM/2 at the Administrative Workstation to install the refreshed product at any CC clients in the administrative workstation's CC Domain, by using the appropriate installation program (NVDMINST or NVDMCLT) and by using the same response files that were used to install NetView DM/2 on these systems originally.
5. Use NetView DM at the host to distribute and install the refreshed product at all workstations to which it is connected, either directly by APPC or indirectly through a LAN, by using the appropriate installation program (NVDMINST or NVDMCLT) and by using the same response files that were used to install NetView DM/2 on these systems originally.

For details about how to execute these steps see the scenarios and descriptions provided in the “NetView DM Overviews and Scenarios Manual” and the “NetView DM/2 Installation and Customization Guide.”

Note: If you want to install the refreshed NetView DM/2 on new workstations, use the refreshed product image and the appropriate installation program.

Limitations

1. OS/2 Versions 1.2 and 1.3 are not supported
2. PC based on 286 processor are not supported
3. OS/2 Version 2.x or later are serviceable either from the command line (SERVICE, dialog, or FSERVICE, response file driven) or by restarting with the first NetView DM/2 Version 2.1 kicker diskette,
4. If a machine has installed the 386 HPFS file system with LOCAL SECURITY feature installed, the service is allowed only by command line.

   Moreover, before starting the FixPak implementation with the A:\SERVICE command, it is necessary to log on to the server with an administrator's privilege level.

Configuring The CC Server

If you have installed this FixPak on a CC server in an attended manner, you need to run

```
NVDMINST /CO
```

from any OS/2 session to conclude the installation.

You do not need to do this if you have installed the FixPak in an unattended manner.

Warning:

Failing to execute this step will result in product failure whenever starting it or executing other tasks (for example, CDM LISTWS or CDM STATUS). Message ANX1454 (Unexpected Error) is issued and the following error is logged into the ERROR.DAT file:

```
  NetView DM/2 logged at 17:18:2  28/ 3/1995
Error detected in NetView DM/2 CM component.
The error was generated in module ANXCLCC1.
Additional Data :
41 4e 58 43 4c 43 43 31 3  3  3  34 f8  7     8       ANXCLCC1   4¢...
41 4e 58 43 53 3  44 42 41 4e 58 43 4c 43 43 31       ANXCS DBANXCLCC1
41 4e 58 43 53 43 44 4e 1     14    ce fc ff ff       ANXCSCDN........
                                        ................
                                        ................
     4                                   ................
                                        ................
....
                                                                  ....
```

Note:

To recover from this failing event run NVDMINST /CO from the <product_root_dir>\BIN path.

PART 2. CDM USER'S GUIDE

This part describes changes to make to the CDM User's Guide to reflect changes and corrections made after the documentation for NetView DM/2 Version 2.1 was sent for publication.

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CHAPTER 2. CDM USER'S GUIDE AMENDMENTS TO SH19-5048-02

NVDMUPO and NVDMUPFS syntax command

The OS/2 Camera has been enhanced in order to manage value1, of the AFTER: attribute, that contain a comma. This enhancement has been reached introducing a new grammatical for value1 of the AFTER: attribute in order to manage comma; the syntax remain unchanged as follows: verb(attribute:value1,value2) The new grammatical to have correctly handled comma in value1 is to substitute comma with '&comma' (without quotes) key. For instance, assuming to have a statement such as:

AddStatement(AFTER:[A,B],<SOFTFONT1=$(TargetDir)PSFONTS>)
the above statement should be changed as follows:
AddStatement(AFTER:<[A&commaB]>,<SOFTFONT1=$(TargetDir)PSFONTS>)

NVDMUPO and NVDMUPFS syntax command

The DeleteFile statement, to work properly, MUST be placed after a statement [FS].

Example:
[FS]
DeleteFile(FS,C:\TMP\STARTUP.CMD)

Note:

any Modification File Statement works only under the specified statement referred in the section "Attributes and Statements Relationships"

INITIATE syntax command

The INITIATE syntax command incorrectly informs that the parameter /SEND may be followed by options while in reality it does not.

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INSTALL syntax command

The INSTALL syntax command incorrectly informs that the parameter /SEND may be followed by options while in reality it does not.

ADD_DEST syntax command

The default value (OS/2) for /OS applies both to OS/2 and AIX

Using CDM Dialogs

The radio button OS/2, on the Figure 99 "The New Node Window", for Operating System applies both to OS/2 and AIX

NVDMBDSK and NVDMRDSK

Starting from OS/2 Warp Version 4, the boot diskettes to IPL change from 2 to 3 therefore NVDMBDSK/NVDMRDSK fails to produce Pristine diskettes set because designed to handle 2 boot diskettes. In particular, the NVDMBDSK/NVDMRDSK fail because of CONFIG.SYS is not present on the last diskette of the new OS boot set, that to which are made the changes to support NetView DM/2 Pristine. The CONFIG.SYS is present on the diskette 1. The NVDMBDSK utility has been changed to prompt a pop-up message to request User to insert boot diskette with CONFIG.SYS before to continue the process. Also, the NVDMRDSK has been changed to pop up a message to ask for diskette with CONFIG.SYS inserted into the drive when needed to update CONFIG.SYS file. The new sequence to create OS/2 Pristine boot diskettes is:

1. create a new OS/2 V4 (Merlin) boot diskettes set by using SEDISK and OS/2 V4 Merlin CD-ROM
2. leave the diskette 2 into driver and then run THINLAPS to add network drivers on the diskette
3. remove diskette 2 and insert diskette 1 when requested by THINLAPS program to configure CONFIG.SYS
4. insert diskette 2 into driver and then run the new NVDMBDSK utility to add minimal NetView DM/2 V2.1 CC Client.
5. remove diskette 2 and insert diskette 1 when requested by NVDMBDSK program to configure CONFIG.SYS

NOTE

The message asking for diskette with CONFIG.SYS file has been introduced for DOS Pristine boot diskettes too in order to be ready for future enhancements.

CDM BUILD

When product installation programs require parameters with quotation marks, NetView Distribution Manager/2 requires a second set of quotation marks around the entire parameters.

```
TargetDir = C:ç
Section Catalog
Begin
       ObjectType = SOFTWARE
       GlobalName = DB2V211.INSTSU.WRG8 85.ALL.REF.
       Description = "IBM DB2 f r OS/2 Einzelplatz-System "
End
Section Install
Begin
     Program = $(SourceDir)çINSTALL.EXE
     Parms = /R:$(ResponseFile) /X /A:i "/P:"IBM DB2 for OS/2 (Einzelplatz-System)"" /S:$(SourceDir)
    /L1:$(LogFile1)  /L2:$(LogFile2)
     SourceDir = SA:çCIDçIMGçDB2V211
     ResponseFile = SA:çCIDçRSPçIMGçDB2V211ç$(WorkStatName).SU
     LogFile1 = SA:çCIDçLOGçIMGçDB2V211ç$(WorkStatName).SU1
     LogFile2 = SA:çCIDçLOGçIMGçDB2V211ç$(WorkStatName).SU2
End
```

PART 3. LDU USER'S GUIDE

This part describes changes to make to the LDU User's Guide to reflect changes and corrections made after the documentation for NetView DM/2 Version 2.1 was sent for publication.

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CHAPTER 3. LDU USER'S GUIDE, AMENDMENTS TO SH19-5049-02

Using Mapping File

The maximum size, 20KB, for LDU Distributor mapping file has been increased up to 40KB.

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PART 4. INSTALLATION AND CUSTOMIZATION GUIDE

This part describes changes to make to the Installation and Customization Guide to reflect changes and corrections made after the documentation for NetView DM/2 Version 2.1 was sent for publication.

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CHAPTER 4. INSTALLATION & CUSTOMIZATION GUIDE, AMENDMENTS TO SH19-6915-05

NVDMIDOS

The "DriveLetters" keyword is now supported by NVDMIDOS even if the table 17 referring to Response File for NVDMIDOS has not been updated. The new supported keyword is not mandatory. The possible values range from C to Z.

Configuration Parameters

A new environment variable, SMALLTALKVIRTUALALLOC, has been introduced to allow User customization of the virtual memory allocated by CDM Dialogs (SmallTalk based) when started. The new variable is not mandatory. In case of problems to start CDM Dialog due to not enough virtual memory, add the following statement in the CONFIG.SYS and reboot the system before to start CDM Dialogs:

SET SMALLTALKVIRTUALALLOC=<memory size>

where

<memory size> is the amount of memory expressed in MB.

Customizing for the Disposition Parameter

The default disposition, even if the NetView DM/2 V2.1 is connected to a Focal Point or is APPC connected with other NetView DM/2 V2.1 nodes, is always KEEP. To change this default, add the following statement in your CONFIG.SYS file:

SET ANXIDISP=DELETE

Note:

The ANXDISP setting is valid only for APPC connected workstation not defined as CC server.

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Message Log File

The maximum MESSAGE.DAT log size can be defined by adding the following statement in the CONFIG.SYS:

SET ANXMSGSZ=<number>

where

<number> is the desired size for MESSAGE.DAT expressed in Kbytes.

When the maximum size is reached, the log file is saved in a back up copy and a new file is created

Note:

Recommended initial value

We recommend to set this variable to 1024 (1Mbyte).

Apply to ...

This setting conditions local managing for MESSAGE.DAT file at both CC Server and CC Client sides.

It does not apply to ...

This setting does not condition remote logging for CC Client MESSAGE.DAT (i.e. MESSAGE.DAT file under CMREQ\<client_name>\LOG path)

Error Log File

The maximum ERROR.DAT log size can be defined by adding the following statement in the CONFIG.SYS:

SET ANXERRSZ=<number>

where

<number> is the desired size for ERROR.DAT expressed in Kbytes.

When the maximum size is reached, the log file is saved in a back up copy and a new file is created

Note:

Recommended initial value

We recommend to set this variable to 1024 (1Mbyte).

Apply to ...

This setting conditions local managing for ERROR.DAT file at both CC Server and CC Client sides.

It does not apply to ...

This setting does not condition remote logging for CC Client ERROR.DAT (i.e. ERROR.DAT file under CMREQ\<client_name>\LOG path)

Customizing a Workstation for NetView DM/2

FREE UNUSED_SESSION KEY IN .NDF for NetView DM/2

When NetView DM/2 establishes a comunication with its remote partners, it exchanges APPC LU62 Conversation verbs. For what concerning the management of the sessions all works in the following way. If a NvDM MvS starts a communication and if it finds that a session with its remote NetView DM/2 partner is not active, it opens the session, then allocate a conversation and at the end both deallocates the conversation and closes the session. If NetView DM/2 starts a communication, it only manages APPC conversation verbs and NOT directly the sessions. So, NetView DM/2 calls APPC ALLOCATE verb to allocate a conversation, then APPC checks if a session is active, if so, over this session it allocates the requested conversation, on the contrary firstly opens the session and then allocate the conversation. At the end of communication, NetView DM/2 issues APPC DEALLOCATE verb, this APPC verb has the effect to only deallocate a conversation without closing the session that has been previously opened via the ALLOCATE verb. This session is idle and can be used by NetView DM/2 in case it needs to allocate othe conversation. If customer wishes to close anyway this session, starting from CM2 fixpack CM2AP111 there is the possibility to set a new key in .NDF file: FREE_UNUSED_SESSION in DEFINE_LOCAL_CP verb. Hereafter an abstract from CM2AP111.DOC file:

JR08314: LU62 Sessions remain active even when not needed.

Previous to this APAR, Communications Manager/2 did not free LU62 sessions even after they were no longer needed. This APAR fix allows one to modify the Communications Mgr/2 configuration file with a new parameter known as FREE_UNUSED_SESSIONS. You may invoke this new function as follows:

Determine the name of your communications Manager/2 configuration file. If you do not know the name, execute the command CMQUERY at OS/2 command prompt while Communications Manager/2 is running. CMQUERY will return the name of the active configuration. For this example, assume the name is CMBASE.

From an OS/2 window edit the file CMBASE.NDF, found in the CMLIB directory (where CMBASE is the name of YOUR Communications Manager/2 configuration file).

The CMBASE.NDF file is an ASCII file that is readable. The first section in this file shows the DEFINE_LOCAL_CP verb and the associated parameters. See example below:

```
DEFINE_LOCAL_CP   FQ_CP_NAME(USIBMNR.MYCPNAME   )
                   DESCRIPTION(Created on  1-15-93 at  2:31p)
                  CP_ALIAS(MYCPNAME  )
                  NAU_ADDRESS(INDEPENDENT_LU)
                  NODE_TYPE(EN)
                  NODE_ID(X' 5D512A ')
                  NW_FP_SUPPORT(NONE)
                  HOST_FP_SUPPORT(YES)
                  HOST_FP_LINK_NAME(HOST   1)
  add--------->FREE_UNUSED_SESSIONS(YES)
                  MAX_COMP_LEVEL(NONE)
                  MAX_COMP_TOKENS( )
```

Notice the 'add---------->' indicator. This shows the new line that must be added to invoke this new function. Only enter the FREE_UNUSED_SESSIONS(YES) parameter (add----------> is just to show you where the parameter is inserted).

After adding the new line parameter, SAVE the change and then perform a C:\CMVERIFY CMBASE /e This will verify the configuration file change. Upon successful verification, STOP and RESTART communications Manager/2 to invoke the new function.

PART 5. MESSAGES AND ERROR RECOVERY GUIDE

This part describes changes to make to the Messages and Error Recovery Guide to reflect changes and corrections made after the documentation for NetView DM/2 Version 2.1 was sent for publication.

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CHAPTER 5. MESSAGES AND CODES, AMENDMENTS TO SH19-6924-05

Changed Messages

The following messages have been changed.

Message ANX1773

ANX1773 (E) **Cannot retrieve client parameters.**

Explanation: The program cannot retrieve the client parameters from the ANXCMLDR configuration line, in the autoexec.bat system file. The following is an example of ANXCMLDR configuration line:

ANXCMLDR.COM /S=LUCAS /R=LUCAC /T=3 ,1 /U=ACCEPT /A=

System Action: The program is terminated and the product is not installed.

User Response: Check if the ANXCMLDR line in the autoexec.bat is not existing or is not correct.

Message ANX0649

ANX0649 (E) **The Transmission Controller Receive Transaction Program is not defined in the Communications Manager.**

Explanation: The transaction program that the Transmission Controller uses to receive transmissions from adjacent nodes is not defined in the configuration of Communications Manager. This transaction program must be defined before NetView DM/2 can successfully communicate with partner nodes.

System Action: The Transmission Controller terminates.

User Response: Define the receive transaction program (TP name = X'21',008) in Communications Manager. Check the NetView DM/2 Installation and Customization Guide for information on configuring Communications Manager for NetView DM/2.

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New Messages

The following messages have been added.

Message ANX0312

ANX0312 (W) **Build failed. Too many files to be packed.**

Explanation: The User exceeded the maximum number (10000) of names of files and directories that can be managed by the Build function.

System Action: The BUILD task is aborted and processing continues.

User Response: Split the Change File in more ones to be within the maximum number.

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