Data General Open Systems Support Newsletter

Letter From The Editor...

February 7, 1994

Hello Newsletter Reader,

You've probably noticed already that we have made a major change in the Software Support Newsletter. Based on feedback from many of our readers, we have decided to split the newsletters into two editions — Open Systems and Eclipse. We have researched our corporate contracts database to identify which products are contained on Support Plus or SSS contracts and have updated our mailing lists based on that information. Customers who have products under contract on both AViiON and Eclipse systems will receive both newsletters, but customers whose contracts only cover one platform's products will now receive only the newsletter which covers their product(s). Please send in the Comments form in Section 3 to notify us of corrections if we have sent you the wrong newsletter, or if you have other comments or suggestions.

Last month I mentioned DASH, but gave the wrong Internet address for DASH; the correct Internet address is 128.222.159.141. I apologize for the inconvenience this may have caused. We encourage all our readers to access DASH regularly; DASH BASIC service is available to everyone at no additional charge and provides Bulletin Board access on many areas of interest. Support Plus customers are entitled to DASH PLUS service, which includes more detailed information about the STRs listed in this Newsletter, as well as other features like ESP. If you are not already a DASH user, please give it a try.

We hope that you enjoy the new format for the Newsletter. We will continue to try and make it more helpful to you.

Sincerely,

Pamela F. Vasali,

Newsletter Editor

From the U.S. Service Division Quality Manager...

February 7, 1994

In the August 1993 Newsletter, Bryan Scoggins spoke about ISO and our effort to attain ISO 9001 certification. I am pleased to tell you that on November 13th, 1993, Underwriters Laboratories Inc. (UL) recommended full ISO 9001 Certification for the U.S. Service Division! We are, in fact, the FIRST major computer vendor in the industry to acquire this significant milestone of service and support quality verification.

What exactly does this mean to you, our valued customers?

We have always felt that the service provided by Data General to our customers is something we are proud to talk about. It is also true that we have never accepted being just adequate, or just *like the other guys.*"

Ethan Allen, Vice President of the U.S. Service Division, has been dedicated to providing continuous improvement activities which include ways to become more efficient at service and support delivery. This keeps your cost down while challenging all employees in the division to increase their efforts towards improving customer satisfaction.

ISO provides several methods to help our managers and employees comply with these strategies. ISO is an internationally accepted process-related set of quality standards that assures that our product (for the U.S. Service Division the product is "service") is well understood, followed, and improved upon over time. UL, our primary registrar, as well as the British Standards Institute (BSI), our co-registrar, now recognize the U.S. Service Division as being fully compliant with this ridgid set of standards.

UL commented about Data General throughout the audit cycle regarding the following:

- the very visible commitment of management and the contributors to their (DG) customers;

- the ease and access capabilities of the on-line Quality Management System in use;

- the dedication of Data General to secure this certification for all elements of service and not just a few; and

- that the preparation for, and completion of, the registration was accomplished in a timeframe normally associated with organizations one quarter of the size of the U.S. Service Division.

In conclusion, ISO 9001 Certification is tangible proof that Data General continues to be on the leading edge of service and support delivery *and clearly intends to remain there*. We do this, as well as many things that may not be so visible, to keep you satisfied and loyal. Your feedback is the key to our success -- and we are dedicated to your success!

Let us know how we are doing.

Regards,

Cliff Izer
Quality Manager
U.S. Service Division

Table of Contents

SECTION 1:
Open System STRs

AV OFFICE for AViiON Systems - Americas Model: A102A

STR: NASC-17932 AV OFFICE for AViiON Systems - Americas   Module: N/A
ORIG-ID: E424252   Rev: 1.10

Problem Summary:

> The inbox messages count in some users inboxes are not showing the correct number of messages the users have in their inbox.

Answer Summary:

> As we discussed, this STR is being closed. If you find that you do experience the problem again, and can submit the materials requested, please submit another STR.

AV Object Office Rev. 2.00 Model: A090B

STR: NASC-17857 AV Object Office Rev. 2.00   Module: N/A
ORIG-ID: U358197   Rev: 2.00

Problem Summary:

> Unable to open certain messages from the DGAVOO inbox.

Answer Summary:

> As we discussed, since you no longer have the materials and have not experienced the problem since this STR was written, we are closing the STR. If you do find that you have the problem again, please submit another STR including the inbox.dat and inbox.lck files.

Advanced Pick for AViiON Model: D058A

STR: NASC-17941 Advanced Pick for AViiON   Module: N/A
ORIG-ID: E424205   Rev: 5.25

Problem Summary:

> Losing null attributes when importing a file from DG/UX to Advanced Pick when the file was originally generated on an Ultimate system.

Answer Summary:

> As we agreed, this STR is being closed since the problem can no longer be reproduced in your environment. If you begin to experience the problem in the future, please submit a new STR that includes a reproducible sample.

C2 Trusted DG/UX Model: Q011A

STR: NASC-15902 C2 Trusted DG/UX   Module: AUTHCK
ORIG-ID: TG-3090   Rev: 2.00

Problem Summary:

   Man page for identauth is missing. It is referenced from the authck man page.

Answer Summary:

   This problem will be corrected in the autchk(1M) man page that ships with the C2/B1 Trusted DG/
   UX 5.4 Release 3.10T product.

STR: SWE-756 C2 Trusted DG/UX   Module: LPNET
ORIG-ID: MISSILES   Rev: 2.01

Problem Summary:

   Problem with printing from SUNOS to DGUX.

Answer Summary:

   We are unable to reproduce the problem that you are experiencing with the information provided.
   We understand that you are upgrading some of your equipment and will send in the necessary con-
   firuration information if the problem occurs after the upgrade.

DG/UX Base System for AViiON Model: Q501A

STR: EURO-6191023DG/UX Base System for AViiON   Module: N/A
ORIG-ID: WEIR PANIC 57   Rev: 1.00

Problem Summary:

   PANIC GLASGOW 57000053

Answer Summary:

   We cannot determine the cause of the panic with the information provided. This incident is being
   closed with your approval since you can no longer reproduce the panic. If this problem should reoc-
   cur, please submit a new STR along with the appropriate support materials.

STR: JAPN-798 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: ODG 2662   Rev: 2.00

Problem Summary:

   Incorrect processing of 'tr -s " "' under LANG=ja_JP.euc

Answer Summary:

   This problem is fixed in the tr(1) command that will ship with DG/UX 5.4 Release 3.00.

STR: JAPN-829 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: ODG 2694   Rev: 2.00

Problem Summary:

Could not login with telnet, Rlogin and ping worked fine.

Answer Summary:

The dump supplied with this STR was corrupt. If this problem is reproducible, please submit a new STR with a new dump taken from the next occurrance of the hang.

STR: JAPN-831 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: ODG 2696   Rev: 2.00

Problem Summary:

Could not connect with telnet, rlogin and ping.

Answer Summary:

The dump supplied with this STR was corrupt. If this problem is reproducible, please submit a new STR with a new dump taken from the next occurrance of the hang.

STR: NASC-17622 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: U343941   Rev: 2.00

Problem Summary:

Interrupt handling not working correctly in program linked in COFF.

Answer Summary:

We did not find that there is a COFF specific problem.

STR: NASC-17955 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: X000421   Rev: 2.00

Problem Summary:

Intermittenly receive mail error messages when attempt to execute mailx.

Answer Summary:

This occurs whenever there is a .Maillock file in the user's $HOME directory. mailx creates this file to show that there is an instance of mailx already running, and deletes it when the session is done. If mailx terminates abnormally or you have a system crash, then this file can be left behind, causing mailx to believe that this user is already running mailx elsewhere.

STR: EURO-6152016DG/UX Base System for AViiON   Module: N/A
ORIG-ID: RCS TIMEZONE   Rev: 2.01

Problem Summary:

Using RCS - when customer usec ci to checkin a file, RCS puts a timestamp on it which is the GMT time, not users TZ, or even system default which were both BST

Answer Summary:

The behavior you are seeing is correct. Please see the detailed answer below for an explanation and solution.

STR: NASC-17364 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: E422437   Rev: 2.01

Problem Summary:

Elapsed time reported via DGUX POSIX RTE system call timer_gettime() is incorrect.

Answer Summary:

As we discussed, the code you provided did not correctly handle the time stamp returned. We have changed the code to correctly handle the time returned, and we have provided this corrected code to you.

STR: NASC-17514 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: E422449   Rev: 2.01

Problem Summary:

When a tape drive issues a soft error during a restore of a large file archived with cpio, the cpio process hangs and cannot be killed. The tape drive cannot be used again until the system is rebooted.

Answer Summary:

This is currently a restriction of DG/UX. The tape drive hardware failed to respond to an I/O request, and the process (ie cpio) will be uninterruptable until a response is received from the tape drive by the DG/UX kernel.

STR: NASC-17601 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: U340851   Rev: 2.01

Problem Summary:

AV6280 running dg/ux 5.4R2.01 system hang. Need dump analyzed.

Answer Summary:

This problem was corrected by installing ECO-CQ26 on the 8mm tape drives on this system.

STR: NASC-18054 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: U357820   Rev: 2.01

Problem Summary:

After booting the AV5240, the exported Opstar f/s can't be mount by other systems. The other systems indicate access denied eventhough they are exported with no restrictions.

Answer Summary:

Your problem is the results of a user error.

STR: NASC-18063 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: U378875   Rev: 2.01

Problem Summary:

The select(2) function incorrectly returns a 0(Time limit expired) error when passed a null pointer for the maxtime argument which should, per the man pages, cause the function to wait indefinitely for the request to complete.

Answer Summary:

The select(2) function works as documented in the man pages.

STR: NASC-18077 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: U383633   Rev: 2.01

Problem Summary:

We are unable to kill a dump2 process. In order to get rid of the process we must reboot our system.

Answer Summary:

This is currently a restriction of DG/UX. The tape drive hardware failed to respond to an I/O request, and the process (i.e. dump2) will be uninterruptable until a response is received from the tape drive by the DG/UX kernel.

STR: NASC-18148 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: U387376   Rev: 2.01

Problem Summary:

We received an accounting error "accounting error see /usr/adm/acct/nite/ active1228"; however, the file did not exist.

Answer Summary:

An error in the holiday file can cause the error message you saw, and since the only other information we were able to obtain pointed to the holiday file, we feel that you corrected the problem. Furthermore, if an uncorrected problem caused the error message, you would continue to receive the error every time account ran.

STR: NASC-18046 DG/UX Base System for AViiON   Module: N/A
ORIG-ID: RICHARDSON 12   Rev: 2.10

Problem Summary:

    Panic 53000023 - Bad SCSI ctrl/cbl.

Answer Summary:

    This panic is a result of a SCSI ID conflict on the SCSI bus connecting two hosts which share a CLARiiON. We believe this conflict has been resolved since the configuration has been simplified with one host using ID 6 and the other ID 7 and no further panics have occurred. Should another panic occur, please submit a new STR with the appropriate support materials.

STR: NASC-17483 DG/UX Base System for AViiON   Module: ADMBACKUP
ORIG-ID: U306304   Rev: 2.00

Problem Summary:

    Using sysadm to restore file from multi-filesystem, multi-tape set, user has to specify a file system that appears after the desired one on the list to see the correct files.

Answer Summary:

    The source of your problem is that there is an extraneous file or filemark at the end of tape 1. The most likely scenario that caused it to be placed there would have been if the operator responded to the prompt for a new tape at the end of tape 1 with tape 1 still in the drive. In this case, dump2(1M) would have written the extraneous file and/or filemark.

STR: NASC-17824 DG/UX Base System for AViiON   Module: CP
ORIG-ID: E423741   Rev: 2.10

Problem Summary:

    Copy command halted during execution in the same directory.

Answer Summary:

    This STR is being closed at your request. We understand that this problem should go away with the new disk stripe and new device driver (p31a) should address this issue correctly.

STR: NASC-17442 DG/UX Base System for AViiON   Module: CPIO
ORIG-ID: U327197   Rev: 2.01

Problem Summary:

    Cpio command using more than 1 "!abc" pattern ignores the exclude and restores everything from tape.

Answer Summary:

    The cpio(1) command is consistent with the current USL source in that it does not handle multiple patterns. There are several options which you can employ to extract exactly what you want from your archive. In DG/UX 5.4 Release 3.00 we will document these options in the cpio(1) man page, and explain the current limitations associated with multiple patterns.

STR: NASC-18011 DG/UX Base System for AViiON   Module: CPIO
ORIG-ID: U375110   Rev: 2.01

Problem Summary:

> Cpio does not always return the same value for the number of blocks when writing and then reading back a tape backup.

Answer Summary:

> A problem in the cpio(1) code causes it to sometimes report that it wrote more blocks than it read. This does not indicate that the cpio(1) archive is bad. In the version of cpio(1) which accompanies DG/UX 5.4 Release 3.00, we have corrected the logic to compute block counts more precisely, and this should no longer be a problem for you.

STR: NASC-17865 DG/UX Base System for AViiON   Module: CU
ORIG-ID: U364468   Rev: 2.10

Problem Summary:

> Cu fails with a "Connect failed: CALLER SCRIPT FAILED" message, with commands such as: "cu <phone number>" or "cu -l /dev/ttyxx <phone number>. These same commands will work if you also use the "-d" switch.

Answer Summary:

> As discussed, this problem was corrected by modifying the Dialers file and adding delays using one of the following: hayes =,-, "" dAT
> cdAT
> c OK
> EATDTT
> c CONNECT or hayes =,-, "" AT
> cdAT
> c OK
> EATDTT
> c CONNECT

STR: EURO-6181073DG/UX Base System for AViiON   Module: DD
ORIG-ID: Rev: 2.01

Problem Summary:

> dd returns Read error: No such device or address when copying an oracle partition to tape under 5.4R2.01 (see NASC-11373 which is identical for 5.4)

Answer Summary:

> This problem is fixed by changes made to the kernel SCSI device driver and file system kernel libraries which will ship with DG/UX 5.4 Release 3.00. In DG/UX 5.4 Release 2.01, the underlying device driver and file system kernel libraries handled the end of file condition for the raw partition incorrectly.

STR: JAPN-824 DG/UX Base System for AViiON   Module: DD
ORIG-ID: ODG 2689   Rev: 2.01

Problem Summary:

  Problem of 'dd' command on DG/UX 5.4R2.01

Answer Summary:

  The value you are specifying for the iseek option of the dd command is larger than 4194303 blocks. Since blocks contain 512 bytes, this value is larger than 2 Gb., which is a limit for the offset to lseek(2) as defined by the SVID. The lseek(2) offset is stored as a signed integer, so values larger than 2 Gb. are considered negative, which produces the error you are seeing.

STR: NASC-17050 DG/UX Base System for AViiON   Module: DOCUMENTATION
ORIG-ID: Rev: 2.01

Problem Summary:

  The suggested method for cleaning up log files described in "Managing the DG/UX System" on the bottom of page 2-12 is incorrect.

Answer Summary:

  The version of "Managing the DG/UX System" which will ship with DG/UX 5.4 Release 3.00 has expanded and corrected information on cleaning up various log files. The part number of this corrected manual is 093-701088-04.

STR: NASC-17270 DG/UX Base System for AViiON   Module: DOCUMENTATION
ORIG-ID: Rev: 2.01

Problem Summary:

  Documentation error in the "Managing the DG/UX System" manual, 093-701088-03, page 15-2 concerning DG/UX type CD-ROMS. The manual indicates you should not register this kind of CD-ROM. It is incorrect.

Answer Summary:

  This problem has been corrected in the version of "Managing the DG/UX System" which accompanies DG/UX 5.4 Release 3.00 (093-701088-04).

STR: NASC-17319 DG/UX Base System for AViiON   Module: DOCUMENTATION
ORIG-ID: Rev: 2.01

Problem Summary:

  The manual "Managing the DG/UX System" (093-701088-03) on page 4-32 states that the default value for STRMSGSZ is 4096 when actually the default value is 0.

Answer Summary:

  This problem has been corrected in the version of "Managing the DG/UX System" which accompanies DG/UX 5.4 Release 3.00 (093-701088-04).

STR: NASC-17864 DG/UX Base System for AViiON   Module: DOCUMENTATION
ORIG-ID: SS-DGC-931118   Rev: 2.01

Problem Summary:

> Creating a software loadable tape, as described in 69-401059 "Porting & Developing Applications on DGUX". I get the files loaded on tape, but when I go into sysadm to do a load and setup of package, it does not work.

Answer Summary:

> Please be certain you have the latest copy of "Porting and Developing Applicationns on the DG/UX System" (069-401059-04). The example on pages 12-15 to 12-20 contains many corrections which should help you be successful in creating a sysadm loadable tape.

STR: NASC-18128 DG/UX Base System for AViiON   Module: DOCUMENTATION
ORIG-ID: U389361   Rev: 2.10

Problem Summary:

> The boot up command line for the cdrom in the DGUX_5.4R2.10.s03 AViiON hardware supplement notice is incorrect.

Answer Summary:

> As noted on the dgux_5.4R2.10.s03 supplement notice page 3, the printed notice that accompanies the software always takes precedence. While the version in /usr/release/dgux_5.4R2.10.s03 is incorrect, a correction was made to the printed notice prior to shipment.

STR: NASC-16407 DG/UX Base System for AViiON   Module: DUMP2
ORIG-ID: U247791   Rev: 2.00

Problem Summary:

> Incorrect statistics reported by dump2 when the file system being backed up exceeds two gigabytes in size.

Answer Summary:

> The invalid statistics are not an indication that the archive is flawed in any way. Some changes have been made in dump2(1m) for DG/UX 5.4 Release 3.00 to attempt to address some instances in the code where the estimates may be flawed. However, as the archive is sound, there are no plans to make any further changes in dump2(1m) should the problem persist in DG/UX 5.4R3.00.

STR: NASC-16471 DG/UX Base System for AViiON   Module: DUMP2
ORIG-ID: U225731   Rev: 2.00

Problem Summary:

> Incorrect dump2 statistics when dumping a large file system exceeding 2 giga- bytes of data.

Answer Summary:

> The invalid statistics are not an indication that the archive is flawed in any way. Some changes have been made in dump2(1m) for DG/UX 5.4 Release 3.00 to attempt to address some instances in the code where the estimates may be flawed. However, as the archive is sound, there are no plans to make any further changes in dump2(1m) should the problem persist in DG/UX 5.4R3.00.

STR: NASC-16596 DG/UX Base System for AViiON   Module: DUMP2
ORIG-ID: U263613   Rev: 2.00

Problem Summary:

dump2 reporting invalid statistics when dumping a file system that contains more than 2 gb's of data.

Answer Summary:

The invalid statistics are not an indication that the archive is flawed in any way. Some changes have been made in dump2(1m) for DG/UX 5.4 Release 3.00 to attempt to address some instances in the code where the estimates may be flawed. However, as the archive is sound, there are no plans to make any further changes in dump2(1m) should the problem persist in DG/UX 5.4R3.00.

STR: NASC-17350 DG/UX Base System for AViiON   Module: DUMP2
ORIG-ID: U313813   Rev: 2.01

Problem Summary:

dump2(1M) command reports erroneous numbers when using the 8mm 10Gb tape and the 4mm DAT tape as backup media.

Answer Summary:

The invalid statistics are not an indication that the archive is flawed in any way. Some changes have been made in dump2(1m) for DG/UX 5.4 Release 3.00 to attempt to address some instances in the code where the estimates may be flawed. However, as the archive is sound, there are no plans to make any further changes in dump2(1m) should the problem persist in DG/UX 5.4R3.00.

STR: NASC-17551 DG/UX Base System for AViiON   Module: DUMP2
ORIG-ID: U335387   Rev: 2.01

Problem Summary:

dump2 reports invalid statistics when backing up a large file system. Reference NASC-16407, 16471, 16596, 17350.

Answer Summary:

The invalid statistics are not an indication that the archive is flawed in any way. Some changes have been made in dump2(1m) for DG/UX 5.4 Release 3.00 to attempt to address some instances in the code where the estimates may be flawed. However, as the archive is sound, there are no plans to make any further changes in dump2(1m) should the problem persist in DG/UX 5.4R3.00.

STR: NASC-17793 DG/UX Base System for AViiON   Module: DUMP2
ORIG-ID: E423851   Rev: 2.01

Problem Summary:

   Dump2 statistics report over 100% on large file systems backing up to 12gb tape array under DG/
   UX 5.4R2.01. Reference Nasc-17753, 17551, 17350, etc.

Answer Summary:

   The invalid statistics are not an indication that the archive is flawed in any way. Some changes have
   been made in dump2(1m) for DG/UX 5.4 Release 3.00 to attempt to address some instances in the
   code where the estimates may be flawed. However, as the archive is sound, there are no plans to
   make any further changes in dump2(1m) should the problem persist in DG/UX 5.4R3.00.

STR: NASC-17980 DG/UX Base System for AViiON   Module: DUMP2
ORIG-ID: U375417   Rev: 2.01

Problem Summary:

   dump2 reports invalid statistics under DG/UX 5.4R2.01. Reference STRs NASC-16407, nasc-
   16471, nasc-16596, nasc-17350.

Answer Summary:

   The invalid statistics are not an indication that the archive is flawed in any way. Some changes have
   been made in dump2(1m) for DG/UX 5.4 Release 3.00 to attempt to address some instances in the
   code where the estimates may be flawed. However, as the archive is sound, there are no plans to
   make any further changes in dump2(1m) should the problem persist in DG/UX 5.4R3.00.

STR: NASC-17753 DG/UX Base System for AViiON   Module: DUMP2
ORIG-ID: U352920   Rev: 2.10

Problem Summary:

   The dump2 utility reports incorrect percentage statistics when backing up large filing systems.

Answer Summary:

   The invalid statistics are not an indication that the archive is flawed in any way. Some changes have
   been made in dump2(1m) for DG/UX 5.4 Release 3.00 to attempt to address some instances in the
   code where the estimates may be flawed. However, as the archive is sound, there are no plans to
   make any further changes in dump2(1m) should the problem persist in DG/UX 5.4R3.00.

STR: NASC-18121 DG/UX Base System for AViiON   Module: EDITREAD
ORIG-ID: U388334   Rev: 2.00

Problem Summary:

   Problem setting up editread for Wyse60 emulation.

Answer Summary:

   This problem lies in the fact that the wyse60 terminal cursor left key sends a ^h. If you attempt to
   define "erase" as ^h, then you have two editread(5) capabilities defined as ^h (LEFT): the cursor
   "left" capability and the "erase" capability. With both capabilities present, if you type ^h, the cursor
   is moved left, but the character is not erased. This is correct behavior.

STR: NASC-17754 DG/UX Base System for AViiON   Module: HW-CIEN
ORIG-ID: U354761   Rev: 2.01

Problem Summary:

We use an AV5225 server with a HADA disk unit and a cien ethernet controller to communicate to PC's running Novell Netware. The cien hangs on a weekly basis after receiving the error dgs_strerr: ethernet chip out of transmit buffers.

Answer Summary:

This problem will be fixed in DG/UX 5.4 Release 3.00. The cien0 board firmware was caught in a loop trying to process an invalid ethernet frame. The frame received was larger than the 1514 bytes maximum. This frame may have been generated by a glitch on the network or a network controller on the LAN. The new firmware will correctly receive these frames and discard them.

STR: NASC-14515 DG/UX Base System for AViiON   Module: INIT
ORIG-ID: JB-2   Rev: 2.00

Problem Summary:

init s leaves multi-user processes running, e.g., sac and ttymon.

Answer Summary:

The init(1M) which will ship with DG/UX 5.4 Release 3.00 now stops processes that were started directly from /etc/inittab that are not supposed to run at single user mode. Note, however, that to ensure that all processes are stopped correctly, the proper way to get to run level S from a higher run level is to use shutdown(1m).

STR: NASC-14647 DG/UX Base System for AViiON   Module: INIT
ORIG-ID: U133961   Rev: 2.00

Problem Summary:

We changed from run level 3 to init S (single user mode), and none of the kill scripts ran. This caused rc.tcload to fail upon change to init 3, and termserver users could not login.

Answer Summary:

The init(1M) which will ship with DG/UX 5.4 Release 3.00 now stops processes that were started directly from /etc/inittab that are not supposed to run at single user mode. Note, however, that to ensure that all processes are stopped correctly, the proper way to get to run level S from a higher run level is to use shutdown (1M).

STR: EURO-6161020DG/UX Base System for AViiON   Module: KERN-
ORIG-ID: Rev: 2.01

Problem Summary:

System hang.

Answer Summary:

The dump indicates that this system is not hung. There are 21 processes named fs_shops and 14 pro-
cesses named ws_repair_1 running which are causing the system to thrash and appear to be hung.
These application processes should be analyzed to determine why they are consuming so many sys-
tem resources.

STR: NASC-16039 DG/UX Base System for AViiON   Module: KERN-DEV
ORIG-ID: U226883   Rev: 1.00

Problem Summary:

A program that does reads and writes on files 115mb or larger produces the following error: "scsi
controller re-initialized after timeout error".

Answer Summary:

The SCSI timeout is generated due to a interaction between DG/UX and the firmware on the disk
unit. No data is lost or corrupted during the program run.

STR: NASC-16403 DG/UX Base System for AViiON   Module: KERN-DEV
ORIG-ID: E418739   Rev: 2.00

Problem Summary:

In the range of memory locations A43 and A32 are there any reserved by DG software?

Answer Summary:

There are currently no Data General I/O devices that use this address range as part of the standard
naming convention.

STR: NASC-17495 DG/UX Base System for AViiON   Module: KERN-DEV
ORIG-ID: TH-930930   Rev: 2.00

Problem Summary:

SCSI timeout error, SCSI reset and reinitialized during install of DG/UX. Install continues and fin-
ishes abnormally. Reference call number U304800.

Answer Summary:

The problem you report is fixed in the dev subsystem which will ship with DG/UX 5.4 Release 3.00.

STR: NASC-16744 DG/UX Base System for AViiON   Module: KERN-DEV
ORIG-ID: F-U272467   Rev: 2.01

Problem Summary:

   System slows down and then ultimately hangs.

Answer Summary:

   This dump indicates two problems with this system. First of all, the 4mm DAT tape drive at ID 5
   appears to be experiencing hardware problems. We suggest that this drive be replaced. The misbe-
   having tape drive triggers a problem in DG/UX which leads to this hang. This problem is fixed in
   the dev subsystem which will ship with DG/UX 5.4 Release 3.00.

STR: NASC-16834 DG/UX Base System for AViiON   Module: KERN-DEV
ORIG-ID: U276109   Rev: 2.01

Problem Summary:

   When a tape failure occurs during a backup, ie cpio, the process will hang and cannot be killed. The
   tape drive is unusable until we reboot the system. We have 400+ users and reboot is unacceptable to
   regain access to the tape drive.

Answer Summary:

   This is currently a restriction of DG/UX. The tape drive hardware failed to respond to an I/O request
   and the process (ie cpio) will be uninteruptable until a response is received from the tape drive by
   the DG/UX kernel.

STR: NASC-17234 DG/UX Base System for AViiON   Module: KERN-DEV
ORIG-ID: U314740   Rev: 2.01

Problem Summary:

   We are receiving 2000075 panics when attempting to move large files from 520 meg disk to new
   6841 2 gig disk.

Answer Summary:

   The problem you report is fixed in the dev subsystem which will ship with DG/UX 5.4 Release 3.00.

STR: NASC-17313 DG/UX Base System for AViiON   Module: KERN-DEV
ORIG-ID: Rev: 2.01

Problem Summary:

   In a Dual initiator configuration, the system will panic with a 53000023 or a 53000053 if the attached
   script is executed for a period of time.

Answer Summary:

   The problem you report is fixed in the dev subsystem which will ship with DG/UX 5.4 Release 3.00.

STR: NASC-17537 DG/UX Base System for AViiON   Module: KERN-DEV
ORIG-ID: U320660   Rev: 2.01

Problem Summary:

Getting 'device out of space' error message when trying to read 9-track tapes.

Answer Summary:

This problem is corrected in 5.4 Release 3.00.

STR: NASC-17837 DG/UX Base System for AViiON   Module: KERN-DEV
ORIG-ID: F-S613863   Rev: 2.01

Problem Summary:

System hang. Symptoms similar to await table problem?

Answer Summary:

The problem you report is fixed in the dev subsystem which will ship with DG/UX 5.4 Release 3.00.

STR: NASC-17787 DG/UX Base System for AViiON   Module: KERN-DEV
ORIG-ID: F-U352974   Rev: 2.10

Problem Summary:

Panic 1000034 (0x0004001C). (Open call indicates a systen hang taken after doing a "soft reset" on the cpu.)

Answer Summary:

The problem you report is fixed in the dev subsystem which will ship with DG/UX 5.4 Release 3.00.

STR: NASC-18056 DG/UX Base System for AViiON   Module: KERN-DEV
ORIG-ID: RICHARDSON 12   Rev: 2.10

Problem Summary:

Failover's trespass I/O fails with I/O Error.

Answer Summary:

The problem you report is fixed in the dev subsystem which will ship with DG/UX 5.4 Release 3.00.

STR: NASC-18186 DG/UX Base System for AViiON   Module: KERN-DEV
ORIG-ID: E425242   Rev: 2.10

Problem Summary:

The "dd" command with "count=1" doesn't seem to position the tape correctly on a 6588 or 5583sc tape drive. It works as expected on a qic150 tape drive.

Answer Summary:

We understand that the no rewind tape device was specified on the dd command test. Spacing foward to the next end of file marker is correct behavior for the the no rewind device when it is opened in read-only mode. Please see the rmt(7) man page comments for the close system call (page 4). You can use the mt command and the ioctl system call to position the tape.

STR: EURO-6153015DG/UX Base System for AViiON   Module: KERN-DFM
ORIG-ID: Rev: 2.01

Problem Summary:

System panic with 2000075. Problem is in the DOS filemanager code of the kernel

Answer Summary:

The problem you report is fixed in the dfm subsystem which will ship with DG/UX 5.4 Release 3.00.

STR: NASC-18245 DG/UX Base System for AViiON   Module: KERN-LDM
ORIG-ID: U398482   Rev: 2.10

Problem Summary:

dd returns error causing our third party application package to fail. Reference EURO-618107344, NASC-11373, NASC-15020.

Answer Summary:

Unfortunately, there is no standard specification for raw disk behavior when presented with an I/O request past EOF. The current behavior is the result of a design decision made several years ago. In light of recent Unix trends, this decision was revised as part of the 5.4R3.00 VDM design. The new behavior is provided by entirely new subsystems. Patching DG/UX 2.10 is not practical.

STR: JAPN-846 DG/UX Base System for AViiON   Module: KERN-SFM
ORIG-ID: ODG 2711   Rev: 1.00

Problem Summary:

PANIC 6000015

Answer Summary:

The problem you report is fixed in the sfm subsystem which ships with DG/UX 5.4 Release 2.00.

STR: NASC-18020 DG/UX Base System for AViiON   Module: KERN-TCP
ORIG-ID: Rev: 2.10

Problem Summary:

Panics 2000107 and panic 2000075 on AV/9500.

Answer Summary:

The problem you report is fixed in the version of TCP/IP that will ship with DG/UX 5.4 Release 3.00.

STR: SPA-983 DG/UX Base System for AViiON   Module: KERN-TS
ORIG-ID: SW02177   Rev: 1.00

Problem Summary:

PANIC 30000017

Answer Summary:

This problem is fixed in the ts subsystem which ships with DG/UX 5.4 Release 2.01.

STR: NASC-18137 DG/UX Base System for AViiON   Module: KERN-TS
ORIG-ID: U386209   Rev: 2.00

Problem Summary:

Panic 30000017.

Answer Summary:

The problem you report is fixed in the ts subsystem which ships with DG/UX 5.4 Release 2.01, which is an update to DG/UX 5.4.2.

STR: JAPN-816 DG/UX Base System for AViiON   Module: KERN-TS
ORIG-ID: ODG 2681   Rev: 2.10

Problem Summary:

Integrated duart receive data compare error.

Answer Summary:

We believe this test code generated error message is the result of the test code not enabling hardware flow control correctly. Both the read and write code failed to or IEXTEN into the c_lflag, and the write code failed to or RTSXOFF and CTSXON into the x_hflag.

STR: JAPN-837 DG/UX Base System for AViiON   Module: KERN-TS
ORIG-ID: ODG 2702   Rev: 2.10

Problem Summary:

AV500 Zilog 85c30 async driver DCD/DSR trouble.

Answer Summary:

This problem will be fixed in DG/UX 5.4 Release 3.00.

STR: NASC-18164 DG/UX Base System for AViiON   Module: KERN-UC
ORIG-ID: F-U391103   Rev: 2.00

Problem Summary:

> System hung, so user forced panic.

Answer Summary:

> The problem you report is fixed in the uc subsystem which will ship with DG/UX 5.4 Release 3.00.

STR: NASC-17286 DG/UX Base System for AViiON   Module: KERN-UC
ORIG-ID: U315634   Rev: 2.01

Problem Summary:

> Wait() system call does not work properly when system is doing heavy swapping.

Answer Summary:

> We are closing this at your request since you have not experienced this problem after the suggested changes were made regarding the signal handling.

STR: NASC-17698 DG/UX Base System for AViiON   Module: KERN-VMC
ORIG-ID: F-U346256   Rev: 2.01

Problem Summary:

> Soft system hang, hotkey memory dump taken.

Answer Summary:

> This problem has been fixed in DG/UX 5.4 Release 3.00. The problem involved a small timing window where deadlock could occur.

STR: NASC-17485 DG/UX Base System for AViiON   Module: KERN-VP
ORIG-ID: F-U329826   Rev: 2.01

Problem Summary:

> Soft hangs. Performed Hot-Key sequence.

Answer Summary:

> This problem has been fixed in future DG/UX 5.4 Release 3.00. The problem is seen on systems that use the HZ (hertz) architectural system clock model. Applications using the system timers with short durations experience an apparent hang due to slow responsiveness.

STR: NASC-17648 DG/UX Base System for AViiON   Module: KERN-VP
ORIG-ID: F-U329826.2   Rev: 2.01

Problem Summary:

Soft hangs. Performed Hot-Key sequence.

Answer Summary:

This problem has been fixed in future DG/UX 5.4 Release 3.00. The problem is seen on systems that use the HZ (hertz) architectural system clock model. Applications using the system timers with short durations experience an apparent hang due to slow responsiveness.

STR: NASC-14494 DG/UX Base System for AViiON   Module: KERNEL
ORIG-ID: U116677   Rev: 0.00

Problem Summary:

AV4620 printing to a 6617 printer on /dev/lp. When printing long reports, near the end, usually 5 pages from the end, it will print an S and overprint the line. When the printer is configured as a serial device, it prints ok.

Answer Summary:

We believe this is a hardware problem. We escalated the problem to NSS and dispatched it under E421606. Should you continue to experience this problem in the future, please contact your local Account Engineer.

STR: NASC-17783 DG/UX Base System for AViiON   Module: KERNEL
ORIG-ID: ADN-TTN-001   Rev: 0.00

Problem Summary:

System panic 57000130.

Answer Summary:

As agreed on 12/2/93, we were to hold this STR open for two weeks to see if the panic could be reproduced. Since it has not been reproduced and we cannot determine the cause of the panic with the dump provided, we are closing the STR. If the problem does occur again, please submit a new STR with the appropriate support materials.

STR: SWIT-643 DG/UX Base System for AViiON   Module: KERNEL
ORIG-ID: ERN-930401   Rev: 0.00

Problem Summary:

Panic 2000075: VM_PANIC_INVALID_KERNEL_ADDRESS

Answer Summary:

We cannot determine the problem with the memory dump provided although we suspect that the issue is resolved in a later revision of DG/UX. Since you have installed a later revision and not seen the problem since, this incident is closed. If you do encounter the panic again, please submit a new STR with the appropriate support materials.

STR: NASC-17242 DG/UX Base System for AViiON   Module: KERNEL
ORIG-ID: U315653   Rev: 1.00

Problem Summary:

AV4320 Running 5.4.1 (no patches) freezes up - no panics.

Answer Summary:

As we agreed in our recent phone conversation, we are closing this STR. We suggest that you up-grade to the latest revision of DG/UX, and install the latest patches. Should the problem recur, please submit another STR with a memory dump and kernel.

STR: NASC-17288 DG/UX Base System for AViiON   Module: KERNEL
ORIG-ID: U319742   Rev: 2.00

Problem Summary:

We had a 121000041 panic. We checked /var/adm/messages, and there were no errors that occurred at the time of the panic.

Answer Summary:

This problem has been fixed in DG/UX 5.4 Release 2.01.

STR: NASC-16852 DG/UX Base System for AViiON   Module: KERNEL
ORIG-ID: U280369   Rev: 2.01

Problem Summary:

System panicked with a 2000075 after upgrading to 2.01 of DG/UX.

Answer Summary:

Analysis of the dump you submitted indicated that you are running your system with no patches in-stalled. We've addressed a number of 2000075 panics with with the current patch level. It is recom-mended that you apply the current system patch level, which we have supplied. Furthermore, you need to verify that the ECO level on your system is ECO BN88.

STR: NASC-17026 DG/UX Base System for AViiON   Module: KERNEL
ORIG-ID: U287507   Rev: 2.01

Problem Summary:

System panic 22000010 when copying files from a batch job.

Answer Summary:

The problem that resulted in this panic is fixed in the DG/UX kernel which will ship with DG/UX 5.4 Release 3.00. The panic resulted when the cron job started four shells which were executing cp. The file associated with the panic held an internal record lock that was being read by at least 3 of the cps. We suggest until DG/UX 5.4R3.00, you modify the ordering of the cp requests.

STR: NASC-17197 DG/UX Base System for AViiON   Module: KERNEL
ORIG-ID: U307936   Rev: 2.01

Problem Summary:

About every 2 weeks or so the systems reports "ldtermsrv out of blocks", and the system hangs.

Answer Summary:

We are closing this STR since you are no longer having this problem after upgrading to DG/UX 5.4R2.10.

STR: NASC-17536 DG/UX Base System for AViiON   Module: KERNEL
ORIG-ID: U336047   Rev: 2.01

Problem Summary:

Aviion 8000 series machine running DG/UX release 2.01 received 2000107 panic.

Answer Summary:

This problem was corrected by replacing a bad cpu board in the system.

STR: NASC-17904 DG/UX Base System for AViiON   Module: KERNEL
ORIG-ID: U366238   Rev: 2.01

Problem Summary:

After reving up DG/UX to rev 5.4R2.01 with patchkit 26 installed we had a 2000107 panic. The only changes that were made to the system involved revving up Netware to 2.10 and DG/UX to R2.01. No hardware changes have been made.

Answer Summary:

As we agreed, we are closing this STR. The circumstances surrounding this panic are very rare, and after replacing the dgsc controller, the panic has not recurred; however, you have not had the opportunity to stress test the system in the past two months since replacing the controller. Should this problem recur, please send in another memory dump with a matching kernel.

STR: NASC-18053 DG/UX Base System for AViiON   Module: KERNEL
ORIG-ID: E424611   Rev: 2.01

Problem Summary:

Panic 53000023 when running Legato Networker DGUX 5.4R2.01 on AV5220.

Answer Summary:

As we previously discussed, we are closing this STR with your approval. Analysis of the dump you submitted indicated that dgsc(0) should be replaced and the latest DG/UX patchkit should be installed. We dispatched call #E425585 to your Account Engineer in order to have dgsc (0) replaced. If the panic reoccur with the new dgsc(0) and patchkit installed, please submit a new dump.

STR: NASC-17974 DG/UX Base System for AViiON   Module: KSH
ORIG-ID: U373501   Rev: 2.01

Problem Summary:

When we run an Oracle application in the background using the korn shell we receive the error "[1] + Stopped(tty output) program_name&". We do not receive this error in the bourne or c shells.

Answer Summary:

The behavior you are seeing is correct.

STR: NASC-17831 DG/UX Base System for AViiON   Module: LIBM
ORIG-ID: U362651   Rev: 2.01

Problem Summary:

Programs compiled under 5.41 and running under 5.42 of DGUX run faster than the same program compiled under 5.42.

Answer Summary:

This is fixed in DG/UX R3.00. The problem was due to inefficient error handling in the pow(3M) libm routine. The error handling in DG/UX R3.00 will be tuned without losing functionality.

STR: NASC-16893 DG/UX Base System for AViiON   Module: LP
ORIG-ID: U280973   Rev: 2.01

Problem Summary:

Separate file system /var will not unmount on shutdown.

Answer Summary:

The /usr/sbin/init.d/rc.lpsched script to be shipped with DG/UX 5.4 Release 3.00 has been modified so that the dg_kill(1M) of lpsched is called only if the "scheduler is not running." If dg_kill is called immediately after the lpshut code, the kill signal could be received before lpshut is complete, and the separate /var would be unmountable.

STR: NASC-17901 DG/UX Base System for AViiON   Module: LP
ORIG-ID: U364550   Rev: 2.01

Problem Summary:

Unable to print 'lpi 8' and 'landscape' mode at same time on dg 6640 printer emulating an hplaserjet.

Answer Summary:

This problem with printing lpi 8 and landscape at the same time is corrected in the version of the laserjet(1) fast filter that will ship with DG/UX 5.4 revision 3.10.

STR: NASC-17875 DG/UX Base System for AViiON   Module: LP
ORIG-ID: JB-CS921119   Rev: 2.10

Problem Summary:

> After queueing up several (20) small print jobs (1 page), printer will intermittently stop printing mid-way through a job; all subsequent jobs are lost. No error indications.

Answer Summary:

> As we agreed, we are closing this STR since it is a duplicate of NASC-17963. The workaround for this problem was to define the Interface to be "termprinter".

STR: NASC-17963 DG/UX Base System for AViiON   Module: LP
ORIG-ID: F-U353692   Rev: 2.10

Problem Summary:

> When attempting to print to a network printer using the "fastport" interface and printer is taken off line during print, the printer scheduler will disable the print queue sending message to root user that printer faulted with error.

Answer Summary:

> To continue printing after a printer fault is cleared, use "continue" as the "Fault recovery" option instead of "wait". The help message for "Fault recovery" has been changed to indicate that the "continue" option is available with all of the fast filters provided with DG/UX. This new message will ship with DG/UX 5.4 revision 3.10.

STR: EURO-6163030DG/UX Base System for AViiON   Module: LPADMIN
ORIG-ID: FORM ALIGNMEN   Rev: 2.01

Problem Summary:

> DG/UX 2.01. If print alignment pattern is same length as printer page then its not possible to print more than one alignment pattern when doing the forms alignment.

Answer Summary:

> A problem with forms alignment is corrected in the version of lpadmin(1M) that will ship with DG/UX 5.4 revision 3.00. In rev. 3.00, you will be able to use lpadmin(1M) to align the form by printing multiple alignment patterns and then print the forms when you quit doing forms alignment. Between printing each alignment pattern, you will be given an opportunity to adjust the forms.

STR: NASC-17374 DG/UX Base System for AViiON   Module: LPADMIN
ORIG-ID: U325506   Rev: 2.01

Problem Summary:

> Problems with printing forms alignment page while job is queued to be printed.

Answer Summary:

> A problem with forms alignment is corrected in the version of lpadmin(1M) that will ship with DG/UX 5.4 revision 3.00. In rev. 3.00, you will be able to use lpadmin(1M) to align the form by printing multiple alignment patterns and then print the forms when you quit doing forms alignment. Between printing each alignment pattern, you will be given an opportunity to adjust the forms.

STR: NASC-17457 DG/UX Base System for AViiON   Module: LPNET
ORIG-ID: U329229   Rev: 1.00

Problem Summary:

Intermittently, we have a problem with remote printing from nao4rvares to nao3rvares. It appears to be a problem with lpNet or indication from lpNet of can't connect to child or sort of NO MOK?.

Answer Summary:

We are unable to determine the cause of this problem from the core file that was submitted; however, the "sortof NO MOK?" error message occurs when the scheduler sends a message to the client and does not get a confirmation of receiving the message. Sometimes this is caused by the listener being down on the client. You can use sacadm -l to check the listen process status.

STR: NASC-16917 DG/UX Base System for AViiON   Module: MAKE
ORIG-ID: U290916   Rev: 2.00

Problem Summary:

Error - "Code 2, No such file or directory", is returned from a mkdir command in a make file after reving to DG/UX 5.42.

Answer Summary:

This problem is fixed in the mkdir command that will ship with DG/UX 5.4 Release 3.10.

STR: NASC-17176 DG/UX Base System for AViiON   Module: MAKE
ORIG-ID: U309331   Rev: 2.01

Problem Summary:

Error: UX:sh (sh): ERROR: setenv: Not found Make command always gives error for using 'setenv' regardless of shell redefinition in the beginning of the make file by SHELL=/bin/csh.

Answer Summary:

This problem is fixed in the make command that will ship with DG/UX 5.4 Release 3.10.

STR: JAPN-827 DG/UX Base System for AViiON   Module: MOUNT
ORIG-ID: ODG 2692   Rev: 2.10

Problem Summary:

Nfs rsize, wsize options problem.

Answer Summary:

This problem is fixed in the version of NFS mount that will ship with DG/UX 5.4 Revision 3.00. Mount operations will no longer select read transfer sizes for write operations. Also, the mount(1m) man page was updated to clarify the fact that the wsize and rsize options to the mount command specifies maximum buffer transfer sizes for NFS reads and writes and not exact values.

STR: EURO-6151067DG/UX Base System for AViiON   Module: PG
ORIG-ID: PG FAILS   Rev: 2.01

Problem Summary:

DG/UX 5.4R2.01 pg fails when skipping forward 1490 pages.

Answer Summary:

This problem is fixed in the pg command that will ship with DG/UX 5.4 Release 3.10.

STR: NASC-17967 DG/UX Base System for AViiON   Module: PKINFO
ORIG-ID: U367476   Rev: 2.01

Problem Summary:

Pkginfo or pkgparam fails with the error: ' unable to complete package transfer unable to obtain package volume' when trying to run against datastream that resides on disk.

Answer Summary:

This problem is fixed in the version of pkginfo that will ship with DG/UX 5.4 Release 3.00.

STR: NASC-17486 DG/UX Base System for AViiON   Module: RESTORE
ORIG-ID: E422672   Rev: 2.00

Problem Summary:

When a file system spans two tapes, we get 'tape read error while trying to resynchronize" repeatedly, and the restore will not work.

Answer Summary:

The problems you encountered in restoring the tape set are fixed in a version of restore(1M) which accompanies DG/UX 5.4 Release 3.00. Please note, however, that the file system you were attempting to restore was in use when it was dumped to tape. It is not possible to guarantee the integrity of a dump that is created on an active file system.

STR: NASC-17662 DG/UX Base System for AViiON   Module: SH
ORIG-ID: U342346   Rev: 2.01

Problem Summary:

When MIF failovermon runs the lost_pulse script, we get an unexpected result code from the admpdisk -o list -r $DISKLIST. If we manually run the lost_pulse script from /bin/sh shell prompt, we get the correct result code.

Answer Summary:

A problem in the sh(1) has been corrected for DG/UX 5.4 Release 3.00, and the script will run correctly. To work around this problem in DG/UX 5.4 Release 2.01, simply specify an alternate intepreter, for example, the ksh(1) in the first line of the script. To do so, simply change the first line from #!/bin/sh to #!/bin/ksh.

STR: GER-15147 DG/UX Base System for AViiON   Module: SYSADM
ORIG-ID: 3100753   Rev: 2.00

Problem Summary:

     When adding a user with sysadm the length of the username should not be limited to 8 characters or less

Answer Summary:

     The user management facility of sysadm has been modified for DG/UX 5.4 Release 3.10 to allow user names of up to 32 characters in length. A warning has been added if a more than 8 charcter name is added, and a confirmation is now required if the first 8 characters are not unique.

STR: NASC-17277 DG/UX Base System for AViiON   Module: SYSADM
ORIG-ID: U306908   Rev: 2.01

Problem Summary:

     When creating a new user we are getting prompted to add the password to NIS or local database. We are not running yellow pages (NIS).

Answer Summary:

     This problem is fixed in sysadm(1M) which accompanies DG/UX 5.4 Release 3.00.

STR: NASC-17373 DG/UX Base System for AViiON   Module: SYSADM
ORIG-ID: U314511   Rev: 2.01

Problem Summary:

     When we add a user, we are prompted to add the password to NIS or the local database. We are not running yellow pages (NIS).

Answer Summary:

     This problem is fixed in sysadm(1M) which accompanies DG/UX 5.4 Release 3.00.

STR: NASC-17424 DG/UX Base System for AViiON   Module: SYSADM
ORIG-ID: E422555   Rev: 2.01

Problem Summary:

     Loss of functionality when adding users after installing update 5.4R2.01.

Answer Summary:

     The user management facility of sysadm has been modified for DG/UX 5.4 Release 3.10 to allow user names of up to 32 characters in length. A warning has been added if a more than 8 character name is added, and a confirmation is now required if the first 8 characters are not unique.

STR: NASC-17688 DG/UX Base System for AViiON   Module: SYSADM
ORIG-ID: U349728   Rev: 2.01

Problem Summary:

   When adding a user in sysadm, we are being limited to 8 characters for the username.

Answer Summary:

   The user management facility of sysadm has been modified for DG/UX 5.4 Release 3.10 to allow
   user names of up to 32 characters in length. A warning has been added if more than a 8 charcter name
   is added, and a confirmation is now required if the first 8 characters are not unique.

STR: NASC-17977 DG/UX Base System for AViiON   Module: SYSADM
ORIG-ID: U374894   Rev: 2.01

Problem Summary:

   When adding a user in sysadm, we are being limited to 8 characters for the username.

Answer Summary:

   The user management facility of sysadm has been modified for DG/UX 5.4 Release 3.10 to allow
   user names of up to 32 characters in length. A warning has been added if a more than 8 character
   name is added, and a confirmation is now required if the first 8 characters are not unique.

STR: NASC-18006 DG/UX Base System for AViiON   Module: SYSADM
ORIG-ID: U367178   Rev: 2.01

Problem Summary:

   File System -> Local Filesys -> Create does not create multi-node mount points correctly.

Answer Summary:

   Your problem is fixed in the version of sysadm that will ship with DG/UX 5.4 revision 3.00.

STR: NASC-17809 DG/UX Base System for AViiON   Module: SYSADM
ORIG-ID: U355852   Rev: 2.10

Problem Summary:

   Sysadm modify group option (admgroup) isn't displaying the Group ID of the selected group.

Answer Summary:

   This problem is fixed in sysadm to be delivered with DG/UX 5.4 Release 3.10. The length of the
   particular group entry that you were modifying caused it to overflow an internal buffer maintained
   by the cut(1) command. The sysadm user management function was modified to use awk(1) which
   has a larger internal buffer.

STR: NASC-18241 DG/UX Base System for AViiON   Module: TELNET
ORIG-ID: E425221   Rev: 2.01

Problem Summary:

User processes fail to terminate and continue to use up cpu time.

Answer Summary:

This problem is fixed in the version of rlogin and telnet that will ship with DG/UX 5.4 Revision 3.00. Rlogin and telnet will now raise an error when reading zero bytes resulting from a closed tty.

STR: NASC-17491 DG/UX Base System for AViiON   Module: TERMCAP
ORIG-ID: E422401   Rev: 2.01

Problem Summary:

The xterm-fk entry in the /usr/share/lib/termcap file is missing several key definitions that are defined in the terminfo version of xterm-fk. This is causing problems for curses programs that are run in xterm windows.

Answer Summary:

Some of the difficulties you are encountering can be traced to the fact that the termcap(5) database shipped by Data General is based on BSD 4.2 and only supports 10 function keys. Further, the ESC key is not normally defined in termcap. Finally, if you wish to use the delete key, you should use the xterm-dg termcap entry.

STR: NASC-17147 DG/UX Base System for AViiON   Module: TTYMON
ORIG-ID: U306093   Rev: 2.01

Problem Summary:

Port monitors consistently in FAILED state with resource temporarily unavailable, setmode errors, device respawning too rapidly, and/or interrupted system call - cannot open device messages in port monitor(s) log file.

Answer Summary:

A lack of swap space on your system caused your port monitors to be placed in a "FAILED" state when they did not respond to sac. The errors in your ttymon logfiles are unrelated to the monitors themselves being tagged FAILED. Further we believe that some ttymon enhancements and changes for DG/UX 5.4 Release 3.00 will reduce the number of errors you see in your ttymon logfiles.

STR: NASC-17527 DG/UX Base System for AViiON   Module: TTYMON
ORIG-ID: U337609   Rev: 2.01

Problem Summary:

VTC runs out of available connections and ttymon has to be restarted to free them up. Problem started when DG/UX was upgraded to 5.4R2.01

Answer Summary:

As we discussed in our phone conversation, we are closing this STR with your permission. We understand that you are no longer experiencing this problem. Should the problem resurface, please submit a new STR, referencing this STR, and include the necessary suport materials.

STR: NASC-18132 DG/UX Base System for AViiON   Module: TTYMON
ORIG-ID: U375702   Rev: 2.01

Problem Summary:

>Unable to login to tty's after a period of time. We have to kill the ttymon then we can access the tty's.

Answer Summary:

>As we discussed in our phone conversation and in the fax document you received last week, your system is extremely low on swap space. It was suggested that you increase your swap based upon the formula in "Customizing the DG/UX System" (093-700101-03) manual, on page 2-9. It is suggested that the amount of swap be 1.5 times the amount of physical memory.

STR: NASC-17588 DG/UX Base System for AViiON   Module: TTYMON
ORIG-ID: U335063   Rev: 2.10

Problem Summary:

>Problem with ttymon processes terminating.

Answer Summary:

>The entries in the ttymon and sac log files indicate that a process external to ttymon and sac is sending a SIGKILL to various ttymons on your system. The SIGKILL is not being generated by ttymon or sac. We understand that you have identified at least one user who is sending SIGKILL to a ttymon and are taking steps to correct this.

STR: NASC-17226 DG/UX Base System for AViiON   Module: UUCP
ORIG-ID: U315620   Rev: 2.01

Problem Summary:

>Using sysadm, you cannot add a system in uucpmgmt which is using a direct connection.

Answer Summary:

>This problem is corrected in the version of uucpmgmt that will ship with DG/UX 5.4 revision 3.10.

DG/UX GNU C for AViiON Model: P001A-C

STR: NASC-17896 DG/UX GNU C for AViiON   Module: N/A
ORIG-ID: U366689   Rev: 2.30

Problem Summary:

>Getting "Segmentation Fault - core dumped" when running an executable.

Answer Summary:

>You incorrectly used sscanf in your program. In the program you created the character string variable adr_city to hold 16 characters and attempted to load 26 characters into the variable by your call to the sscanf function; thereby overwriting your FILE pointer fp which caused the Segmentation Fault when your program calls fgets.

STR: NASC-17273 DG/UX GNU C for AViiON Module: N/A
ORIG-ID: U319036 Rev: 2.33

Problem Summary:

Warning: u319036.c:7: warning: internal regno botch: regno = 4449544. The Gnu C compiler rev 2.3.3 on DG/UX 5.4.2 and 5.4.R2.01, gives an unnecessary warning when missing the '}' for a for loop in a C module.

Answer Summary:

This problem is fixed in Revision 2.4.5.4, or subsequent revision of GNU C, which will be released with DG/Ux 5.4 Release 3.00.

STR: NASC-18176 DG/UX GNU C for AViiON Module: CC
ORIG-ID: U382858 Rev: 2.45

Problem Summary:

Error - "Undefined symbol __builtin_saveregs2, __builtin_argsize, and __builtin_argptr" is returned by ld, while trying to link objects that were compiled with Gnu c's rev 2.4.5 "cc" command.

Answer Summary:

This problem is fixed in Revision 2.4.5.4, or subsequent revision of GNU C, which will be released with DG/UX 5.4 Release 3.00.

DG/UX Motif for AViiON Model: A084A

STR: NASC-17150 DG/UX Motif for AViiON Module: N/A
ORIG-ID: MOTIF 1.2.2 Rev: 1.20

Problem Summary:

Problem with the XmTestFieldInsert() function not correctly positioning the cursor.

Answer Summary:

The code submitted contained a logic error in which the text insertion followed the XmTextSetInsertionPosition call, clearing out any changes made by the call.

STR: NASC-17437 DG/UX Motif for AViiON Module: N/A
ORIG-ID: U330518 Rev: 1.20

Problem Summary:

Dialog boxes created by a X11/Motif application linked with the Motif 1.2 library are intermittently being popped up with sizes smaller than the size that was specified by the application.

Answer Summary:

This problem has been corrected by rearranging the widget heirarchy in your application.

STR: NASC-17623 DG/UX Motif for AViiON   Module: N/A
ORIG-ID: U343215   Rev: 1.21

Problem Summary:

> Core file produced by rev 5.42 (motif 1.21). mwm needs to be analyzed to determine the cause of the mwm failure.

Answer Summary:

> As we discussed, attempts to analyze the core file shows that it is corrupted and cannot be checked. If this problem should recur, please submit another STR with the resulting core file included.

DG/UX NFS for AViiON Model: C002A

STR: NASC-17635 DG/UX NFS for AViiON   Module: HW-
ORIG-ID: 15192922   Rev: 0.00

Problem Summary:

> NFS mounting a remote file system causes a system panic 2000075 everytime.

Answer Summary:

> As we agreed, this STR is being closed. The system panic was most likely the result of a hardware problem. We understand that you will be contacting the appropriate organization to make arrangements for having the hardware checked out.

DG/UX Package for AViiON (pre-Rev 5.4) Model: P001A

STR: EURO-6173033DG/UX Package for AViiON (pre-Rev 5.4)   Module: AS
ORIG-ID: INGRESS COMPI   Rev: 2.00

Problem Summary:

> Compile of Ingress (rev 6.4-02) program with command: cc -O -c filename.c fails with exit status 0177. Source program supplied. dg/ux 5.42.

Answer Summary:

> This problem is fixed in DG/UX 5.4 Release 2.01.

STR: EURO-6151068DG/UX Package for AViiON (pre-Rev 5.4)   Module: KERN-SFM
ORIG-ID: SELECT() CALL   Rev: 2.00

Problem Summary:

DG/UX 5.4R2.01 select() hangs if message from pipe selected is greater 8kb only fails waiting on pipes, select() waiting on unix domain/TCP sockets work Reproduced under DG/UX 5.4R2.01 and 5.42 at UK SSC.

Answer Summary:

The problem you reported is fixed in the sfm kernel subsystem which will ship with DG/UX 5.4 Release 3.00.

STR: GER-15104 DG/UX Package for AViiON (pre-Rev 5.4)   Module: LS
ORIG-ID: 2100358   Rev: 2.01

Problem Summary:

lseek(2) creates files with "holes". du(1) and df(1) show the right size of the file, and ls -l and wc(1) the wrong, faked, size.

Answer Summary:

All four commands df, du, wc and ls are working correctly as explained in man pages and DG documentation.

STR: GER-15101 DG/UX Package for AViiON (pre-Rev 5.4)   Module: TTYMON
ORIG-ID: 3200632   Rev: 2.01

Problem Summary:

Since updating from DG/UX 5.4.1 to 5.4R2.01 terminals on a VDA/VDC cluster network randomly and intermittantly get no Login:.

Answer Summary:

The ttymon which will ship with DG/UX 5.4 Release 3.00 will be configurable to work around many of the errors which appear in your log files.

DG/UX Sort/Merge for AViiON Systems Model: R042A

STR: EURO-6901000DG/UX Sort/Merge for AViiON Systems   Module: N/A
ORIG-ID: FEJL.061   Rev: 1.71

Problem Summary:

Problem with DGUX DGSORT Rev. 1.71.02 in REPLACE ALL.

Answer Summary:

This problem is fixed in the dgsort module that will ship with DG/UX Sort/Merge revision 1.80.

DG/UX TCP/IP for AViiON Model: C001A

STR: NASC-17269 DG/UX TCP/IP for AViiON   Module: N/A
ORIG-ID: CL93-001   Rev: 2.00

Problem Summary:

> VTC/TermServer connection experiences intermittent loss of log-in session (to VCP/1000 local mode). Two carriage returns are necessary when log-in is thru VTC vs. only one when log-in is thru LAN.

Answer Summary:

> The double new-line problem being experienced is corrected by setting the port's "connect-on-carrier" flag so that ttymon will immediately invoke the port's associated service when a connection request is received. Please set this flag and upgrade to the latest DG/UX software in order to correct the problem described in this STR.

STR: NASC-18002 DG/UX TCP/IP for AViiON   Module: KERN-TCP
ORIG-ID: U371103   Rev: 2.01

Problem Summary:

> FIOASYNC option of the UDP socket does not seem to work.

Answer Summary:

> With DG/UX, the FIOASYNC ioctl command is defined to generate a SIGIO signal and not a SIGPOLL signal. This information is found in the chapter "Programming with Sockets" in the "Programming with TCP/IP on the DG/UX System" manual. On DG/UX, SIGIO and SIGPOLL are distinct signal numbers (SIGIO=34, SIGPOLL=22). With other operating systems, these signals are defined as the same number.

STR: NASC-13442 DG/UX TCP/IP for AViiON   Module: SENDMAIL
ORIG-ID: U53176   Rev: 1.00

Problem Summary:

> Having trouble with "s" option in sendmail.cf.

Answer Summary:

> This problem is fixed in the version of sendmail that will ship with DG/UX 5.4 revision 3.00. Sendmail has been modified to cache the state of DNS, and will avoid making multiple lookups when DNS is down. Sendmail will now experience only one DNS timout (20 seconds) when DNS is down, as compared to 20 seconds per address in older versions of sendmail.

STR: NASC-17493 DG/UX TCP/IP for AViiON   Module: TELNET
ORIG-ID: U310204   Rev: 2.01

Problem Summary:

After establishing a connection from an Ungerman Bass terminal server device, the user does not get a login prompt.

Answer Summary:

In analyzing the traces supplied, we find that the behavior experienced is not a problem with DG/UX's telnetd. The traces indicate that DG/UX telnetd requested windowsize information (NAWS) and the Ungerman Bass termserver never responded with this required piece of information. Please contact Ungerman Bass in order to resolve this problem.

DG/UX X Windows for AViiON Model: H001A

STR: NASC-17832 DG/UX X Windows for AViiON   Module: N/A
ORIG-ID: TH-ICC-01   Rev: 2.01

Problem Summary:

X11/motif based interface works fine on the 310 and AV532 running 5.4R2.00. However, on an AV500 and an AV532 running 5.4R2.01 the bottom portion of the image is cut off (this portion of the image must be scrolled up).

Answer Summary:

This problem is fixed in the version of X11 that will ship with DG/UX 5.4 revision 3.00.

STR: NASC-18079 DG/UX X Windows for AViiON   Module: N/A
ORIG-ID: U367933   Rev: 2.01

Problem Summary:

When the Xsetforeground() function is used in conjunction with the BlackPixelOfScreen() macro to set the foreground color in a GC that is using the GXor function the subsequent drawing requests appear in the wrong color.

Answer Summary:

This problem was found to be an error in the user's code. Corrected code has been supplied.

STR: NASC-17992 DG/UX X Windows for AViiON   Module: X
ORIG-ID: JC-DG931208   Rev: 2.01

Problem Summary:

The FrameMath function in FrameMaker will not properly display images on a 24-bit graphical display.

Answer Summary:

This problem is corrected in the version of X11 that will ship with DG/UX 5.4 revision 3.00.

Green Hills C for AViiON Model: L001A

STR: NASC-12803 Green Hills C for AViiON   Module: N/A
ORIG-ID: E409267   Rev: 1.86

Problem Summary:

> In ghcc gives warning messages of "forward referenced tag — not found" when the -g option is used and the program includes X11 header files.

Answer Summary:

> There is no way for the compiler to generate a correct output file for a correct C file which has unresolved forward tag references. This is a limitation with assembler which can not be corrected.

Green Hills Fortran 77 for AViiON Model: L002A

STR: NASC-18092 Green Hills Fortran 77 for AViiON   Module: N/A
ORIG-ID: U384962   Rev: 18.61

Problem Summary:

> When the "IMPLICIT NONE" statement is used in Fortran programs, the GreenHills Fortran compiler fails to return errors for function names that have not been explicitly declared.

Answer Summary:

> The problem reported has been corrected in Revision 1.8.7 of Green Hills FORTRAN 77 for DG/UX.

INTERACTIVE COBOL FOR 386/IX Model: L006A

STR: EURO-6153017INTERACTIVE COBOL FOR 386/IX   Module: N/A
ORIG-ID: Rev: 1.71

Problem Summary:

> Cursor positioning is incorrect when running an ICOBOL application from the master console of a 486 PC running Interactive Unix 4.0. The screen positioning is correct if a virtual terminal is used (ALT-SYSRD-F1 say).

Answer Summary:

> The problem you reported was actually a problem with the Interactive UNIX product rather than ICOBOL. The problem has been corrected by replacing the uk.map file from revision 4.0 of Interactive UNIX with the uk.map file from revision 3.0 of Interactive UNIX. This problem has also been reported to the Interactive UNIX vendor.

Legato Networker for AViiON Model: Q017A

STR: NASC-17247 Legato Networker for AViiON   Module: N/A
ORIG-ID: E421572   Rev: 1.00

Problem Summary:

> Networker reports "Filesystem for <host> is full." when there is much free space on the filesystem containing the index.

Answer Summary:

> This problem is fixed in the version of Networker that will ship with DG/UX revision 3.10.

STR: NASC-17922 Legato Networker for AViiON   Module: N/A
ORIG-ID: U357072   Rev: 1.00

Problem Summary:

> We must relabel our Networker tapes in order to overwrite or re-use the tapes that have been marked as recyclable.

Answer Summary:

> This behavior is not a bug. Networker is working as designed and documented by Legato. Re-labelling the tape is the correct way to overwrite or re-use the tapes that have been marked as recyclable. We desire to keep DG-specific enhancements to a minimum in order to maintain compatibility between our product and Networker on other platforms.

STR: NASC-17924 Legato Networker for AViiON   Module: N/A
ORIG-ID: U358987   Rev: 1.00

Problem Summary:

> Networker does not overwrite or re-cycle a volume that has been marked as recyclable. It simply appends to the tape. Reference nasc-17922.

Answer Summary:

> This behavior is not a bug; it is as designed and documented by Legato.

STR: NASC-17937 Legato Networker for AViiON   Module: N/A
ORIG-ID: 430799   Rev: 1.00

Problem Summary:

> Cannot use Legato NetWorker to back up any file systems across the network that have more than one lan card.

Answer Summary:

> This problem is fixed in the version of Networker that will ship with DG/UX 5.4 revision 3.00.

STR: NASC-18049 Legato Networker for AViiON   Module: N/A
ORIG-ID: U381363   Rev: 1.00

Problem Summary:

Networker does not overwrite backup tapes that are marked to be recycled. Reference NASC-17924 and 17922.

Answer Summary:

This behavior is not a bug; it is as designed and documented by Legato.

STR: NASC-18174 Legato Networker for AViiON   Module: N/A
ORIG-ID: E425244   Rev: 1.00

Problem Summary:

Networker reports index is full but completes to backup successfully. Reference NASC-17247.

Answer Summary:

This problem is corrected in the version of Networker that will ship with DG/UX 5.4 revision 3.10.

STR: NASC-18180 Legato Networker for AViiON   Module: N/A
ORIG-ID: E425245   Rev: 1.00

Problem Summary:

Networker does not recycle tapes automatically when all save sets on tape have been marked as recyclable. Reference STR NASC-18049.

Answer Summary:

This behavior is not a bug, but is designed and documented by Legato. We desire to keep DG-specific changes to a minimum for compatibility purposes. If Legato should change their software to perform as requested, then DG will support that change.

STR: NASC-17728 Legato Networker for AViiON   Module: MBACKUP
ORIG-ID: U340857   Rev: 1.00

Problem Summary:

Multi-client version of Networker takes too long for the Backup and Recover windows to display.

Answer Summary:

The backup and recover windows in the NetWorker Motif interface take longer than the other windows to come up because they invoke separate applications (mbackup and mrecover). These applications require a large amount of resources, especially for large directory trees. There is no difference between the single and multi-client versions in this respect.

STR: EURO-6162016Legato Networker for AViiON　　　　Module: SAVEGROUP
ORIG-ID: IM NETWORKER　　　　Rev: 1.00

Problem Summary:

Networker hangs when about to back up its own file system, having successfully backed up user file systems. Only happens if done to 4mm DAT tape.

Answer Summary:

This problem is fixed in the savegroup(8) command which will ship with Legato Networker as part of DG/UX 5.4 Release 3.00.

STR: NASC-17440 Legato Networker for AViiON　　　　Module: SAVEINDEX
ORIG-ID: E421578　　　　Rev: 1.00

Problem Summary:

Bootstrap information does not print after each Networker backup.

Answer Summary:

The saveindex script has been modified so that it no longer supresses reporting of bootstrap saveset information when the estimate option is set. This change accompanies the saveindex script that will ship with Legato NetWorker in DG/UX 5.4 Release 3.00.

MHS for AViiON Systems Model: C136A

STR: NASC-17913 MHS for AViiON Systems　　　　Module: N/A
ORIG-ID: U367970　　　　Rev: 1.20

Problem Summary:

Statistics for modem transfers in xxx.asynch.tnnnn files are incorrect for messages using SMF-71 format.

Answer Summary:

We have determined that this is not a problem with MHS for AViiON Systems, but is a problem with Novell's Global MHS product. Global MHS appears to be creating the message header in the v70 queue incorrectly, inserting an incorrect message ID. The Message ID in the message itself is correct, and this accounts for the confusing log files.

MicroFocus Cobol, Rev. 1.3, Dev. System Model: L013A

STR: NASC-17773 MicroFocus Cobol, Rev. 1.3, Dev. System   Module: N/A
ORIG-ID: E423340   Rev: 1.30

Problem Summary:

> Compiler option SIGN=EBCDIC and SIGN=ASCII are not sufficiently explained in the documentation.

Answer Summary:

> Basically, ASCII and EBCDIC are both character sets. IBM used EBCDIC as it's default for years. The industry standard is ASCII. If you have files that were created using EBCDIC, then you would need to use SIGN=EBCDIC to make these files work. The best solution is to convert all files to ASCII. ASCII is the default for Micro Focus COBOL.

NetWare Services for AViiON Systems Model: C020A

STR: NASC-17633 NetWare Services for AViiON Systems   Module: N/A
ORIG-ID: U338523   Rev: 2.10

Problem Summary:

> If a NetWare volume is set up on a filesystem larger than 1.2 GB, the DOS DIR command returns incorrect information about bytes remaining in the volume.

Answer Summary:

> This is currently a restriction. The DOS DIR command cannot report more than approximately 1.07 gigabytes of free disk space on a volume. This is true of both Native NetWare and NetWare for AViiON Systems. As your STR notes, the chkdir and chkvol commands can be used to obtain correct information on free space available.

STR: NASC-18095 NetWare Services for AViiON Systems   Module: N/A
ORIG-ID: U380647   Rev: 2.10

Problem Summary:

> If a process pipes print data to nwlp, and the process does not write any data to the pipe for several minutes, nwlp terminates and the network connection to the queue is terminated.

Answer Summary:

> We have fixed a problem with NWLP in nfas_2.30.p04. The nwlp programs was terminating it's read upon receiving a Signal, instead of retrying the read. We believe this is the cause of the problem that you reported. Please install the tar file (nfas_2.30.p04.tar), which is on the enclosed media.

STR: NASC-18211 NetWare Services for AViiON Systems   Module: N/A
ORIG-ID: U391887   Rev: 2.10

Problem Summary:

Netware files in the file system become "invisible" to dos clients.

Answer Summary:

This problem is caused by the fact that NetWare for AViiON must maintain additional file information in "inodes" files that the Unix file system cannot. Synchronization of these inodes files with the Unix file system are based on Unix time stamps of directories, which are limited to a one second resolution.

STR: NASC-18083 NetWare Services for AViiON Systems   Module: ENGINE
ORIG-ID: U382656   Rev: 2.10

Problem Summary:

One NW Engine consumes excessive amount of CPU time when the "WCHAN" value in the "ps - el" output displays a "-" instead of the proper channel. Portable NetWare does not allow any new logins, attaches or maps in this state.

Answer Summary:

The "forced" core file you sent in was not readable, but we believe the source of your problem was due to the fact that you were moving a large number of files into the NetWare filing system.

STR: SWE-773 NetWare Services for AViiON Systems   Module: ENGINE
ORIG-ID: IKEA NWENGINE   Rev: 2.10

Problem Summary:

Problem with that Netware 2.10 cores.All the NWengine died exept for one and a core was produced in production.After rebooting the Aviion Netware worked ok.Patches installed for Netware:p5,p20,-p25,p27,p28 with "fixed" nvtd,nvtmd

Answer Summary:

From the core file you sent in, we could determine that NetWare's shared memory was corrupted, but could not tell why this happened. NetWare was trying to access volume information in shared memory, but since it was corrupted, the Engine terminated. Since this only happened once, we can only hope it was a fluke, and won't happen again.

STR: NASC-18240 NetWare Services for AViiON Systems   Module: ENGINE
ORIG-ID: U386845   Rev: 2.30

Problem Summary:

After NetWare was uprev'd to 2.30 to fix known problems in 2.10, when entering any application from our menuing system, NetWare would error due to drive maps changing (which were mapped root). This renders NetWare users inoperable.

Answer Summary:

This problem has been fixed with patch 05 to NetWare for AViiON Systems rev. 2.30, which you are now running. This problem will also be fixed in NetWare Services for AViiON Systems rev. 3.00, due out later this year.

STR: JAPN-840 NetWare Services for AViiON Systems   Module: SAP
ORIG-ID: ODG 2705   Rev: 1.40

Problem Summary:

NWSap was down with a coredump file.

Answer Summary:

We're sorry, but revision 1.40 of NetWare for AViiON is no longer supported, and we no longer have the necessary files available to analyze core files from this revision. Many cores have been fixed in revision 2.00 and 2.10 of NetWare for AViiON, so we suggest you upgrade, and in the un-likely event you experience another core, resubmit the STR.

OSI/Platform for AViiON Systems Model: C094A

STR: NASC-18005 OSI/Platform for AViiON Systems   Module: N/A
ORIG-ID: U370760   Rev: 3.20

Problem Summary:

Request enclosed dumpfile be analyzed. The dumpfile was taken after a 2000075 panic, which we believe is caused by OSI/P's inability to run with X25 version 84. The OSI/P software being used was beta rev 3.20.03.

Answer Summary:

The problem was caused by using an early version of Patch Level 4 which is for OSIP 3.30. The patch caused a system hang when processing ESH PDUs. This problem was fixed in the official patch. Patch level 4 is not available but the changes have been included in Patch level 6. We suggest that you either run OSIP 3.30 no patches or OSIP 3.30 and patch level 6.

OpStar Jukebox Control Library Model: A099A

STR: GER-15127 OpStar Jukebox Control Library   Module: N/A
ORIG-ID: Rev: 1.60

Problem Summary:

> After hard JB error the same error message appeared repeatedly and the user could not bring the Opstar down

Answer Summary:

> The problem you report is fixed in Opstar 1.60 with patch opstar_1.60.p02.

STR: GER-15139 OpStar Jukebox Control Library   Module: N/A
ORIG-ID: 2100614-00   Rev: 1.60

Problem Summary:

> If a jukebox has a hardware problem (for example error calling JB_OPEN) the JB-scheduler hangs and it is not possible to kill.

Answer Summary:

> The problem you report is fixed in Opstar 1.60 with patch opstar_1.60.p02.

OpStar Virtual File Manager 1.40 Model: A098A

STR: NASC-16964 OpStar Virtual File Manager 1.40   Module: N/A
ORIG-ID: U295939   Rev: 1.40

Problem Summary:

> Opstar loses track of the disks which are in the drives when a power loss occurs.

Answer Summary:

> As we discussed in our phone conversation, this problem is the result of a hardware problem. It was suggested that you have your Account Engineer verify the firmware revision on your jukebox. With your permission, we are closing this STR since you have opened hardware call #U395724. Please track this call with your hardware support organization.

OpenMAC/Services for AViiON Systems Model: C118A

STR: AUSC-10050 OpenMAC/Services for AViiON Systems   Module: N/A
ORIG-ID: Rev: 1.10

Problem Summary:

> problems with openmac not seeing files on desktop that appear in unix file structure. files will later appear ok, on later access. error message in pshared.log AFT_ENUM:RECV _ messages failed : - 5014

Answer Summary:

> Data General has made the decision to replace its AViiON OpenMac product with Helios' Macintosh interoperability solution. Therefore, our Software Develop- ment organization will no longer be updating our AViiON OpenMac product and we are closing this str.

STR: FRA-1001 OpenMAC/Services for AViiON Systems   Module: N/A
ORIG-ID: BERGES C:63RA   Rev: 1.10

Problem Summary:

> Under OpenMac SERVICES on AViiON, when printing on a "LINOTYPE" printer from a MACIntosh, and printer is defined on AViiON under Omac, printer doesn't seems to accept the postscript datas the AViiON send to it.

Answer Summary:

> Data General has made the decision to replace its AViiON OpenMac product with Helios' Macintosh interoperability solution. Therefore, our Software Develop- ment organization will no longer be updating our AViiON OpenMac product and we are closing this STR.

STR: FRA-1002 OpenMAC/Services for AViiON Systems   Module: N/A
ORIG-ID: BERGES C:63RA   Rev: 1.10

Problem Summary:

> Under Omac services, when user from MAC chooses to display drawres "by name", and user also selected to calculate the size of the files that are within the drawers, sometimes the volume on AViiON closes itself during calculation.

Answer Summary:

> Data General has made the decision to replace its AViiON OpenMac product with Helios' Macintosh interoperability solution. Therefore, our Software Develop- ment organization will no longer be updating our AViiON OpenMac product and we are closing this STR.

STR: NASC-17310 OpenMAC/Services for AViiON Systems   Module: N/A
ORIG-ID: M5245   Rev: 1.10

Problem Summary:

   Panic 3000032.

Answer Summary:

   Data General has made the decision to replace its AViiON OpenMac product with Helios' Macin-
   tosh interoperability solution. Therefore, our Software Development organization will no longer be
   updating our AViiON OpenMac product and we are closing this STR.

SNA FOR AVIION SYSTEMS Model: C011B

STR: SWE-769 SNA FOR AVIION SYSTEMS   Module: N/A
ORIG-ID: MALMO MILJO S   Rev: 3.10

Problem Summary:

   Problem with running filetransfer program XFT between an Aviion 5225 and a Tandem.

Answer Summary:

   This problem is the result of differences between the Tandem implementation of IND$FILE and the
   IBM implementation. The SNA 3270 for AViiON System's file transfer program was designed to
   support IBM's IND$FILE. Therefore, it will not function properly with the Tandem product.

SNA Token Ring for AViiON Model: C121A

STR: EURO-6163032SNA Token Ring for AViiON   Module: N/A
ORIG-ID: SDLC DM FAILU   Rev: 3.10

Problem Summary:

   SNA SDLC Token Ring Driver 3.10: Buffer not sucessfully cleared when encounters DM (Discon-
   nect Mode) request resulting in corrupt DM request being sent (and ignored). Also fails to poll
   PEERs using DASP=00 even though it is Primary.

Answer Summary:

   As we previously agreed, this str is being closed because sufficient inform- ation is no longer avail-
   able from the system on which this problem occurred. Additionally, we are continuing to investigate
   Token Ring activation problems on EMX systems with STR NASC-18100.

TERMSERVER S/W PC TCP/IP Model: 30071

STR: NASC-15621 TERMSERVER S/W PC TCP/IP   Module: N/A
ORIG-ID: U180836   Rev: 0.00

Problem Summary:

> Bytes are being lost in data transmitted into an application on the MV via the ITC. The connection is a telnet connection to the ITC IP address. Slowing the rate of data input reduces the incidence of lost bytes.

Answer Summary:

> As we discussed, you are no longer experiencing the problem with bytes being lost in data transmitted into an application on the MV via the ITC. This STR has been closed as agreed.

Tuxedo System/T for AViiON Systems Model: Q013A

STR: NASC-18194 Tuxedo System/T for AViiON Systems   Module: N/A
ORIG-ID: TSE-MACKIE-1   Rev: 4.20

Problem Summary:

> Received the following messages when trying to connect tuxedo/ws to tuxedo/t: LIBWSC_-CAT:1055: Unable to establish WSL connection; LIBWSC_CAT:1027: Unable to connect to WSH; LIBWSC_CAT:1020: Unable to obtain authentication level.

Answer Summary:

> We are closing this STR since this was found to be a configuration problem which has been corrected.

STR: NASC-18196 Tuxedo System/T for AViiON Systems   Module: N/A
ORIG-ID: TSE-MACKIE-3   Rev: 4.20

Problem Summary:

> There is concern over the fact that the first time a client connects to a server the 4 longs of the clientid are not initialized. All subsequent connections have this field initialized.

Answer Summary:

> USL was contacted and verified that the fields in question were not in use at this time.

X.25 for AViiON Systems Model: C008A

STR: NASC-17354 X.25 for AViiON Systems   Module: N/A
ORIG-ID: 9309057   Rev: 2.20

Problem Summary:

DG/UX Panic 02000113.

Answer Summary:

As we discussed, DG/UX Panic 02000113 has not recurred since reporting the problem. If the problem should recur, please submit an STR and provide us with an x25trace and a system dump.

XENIX TERM SERVER & MANAGER & MACROS Model: 31489

STR: NASC-11803 XENIX TERM SERVER & MANAGER & MACROS Module: N/A
ORIG-ID: MV40000   Rev: 2.03

Problem Summary:

Some PVC connections will not auto-connect after a system reboot.

Answer Summary:

As we agreed, this STR is being closed since the problem has not continued to occur.

SECTION 2:
Product Revision List

PRODUCT REVISION LIST

The following table summarizes software release activity for Open System Software Products for AViiON and 386IX products. It documents the revision, update levels, and date of shipment for current supported product revisions.

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
API LU6.2 AViiON RUNTIME	C160A	3.10	00	11/92	
API LU6.2 FOR AViiON SYSTEMS	C014B	3.10	00	11/92	
API LUO 1, 2, 3 FOR AViiON	C015B	3.10	00	11/92	
AV OBJECT OFFICE	A090A	2.00	00	03/93	
AV OBJECT OFFICE FRENCH	A092B	2.00	00	08/93	
AV OBJECT OFFICE GERMAN	A094B	2.00	00	08/93	
AV OBJECT OFFICE/MS-WINDOWS	A091A	1.00	00	08/91	
AV OFFICE ADD-ON DUTCH (NON-AMERICAS)	A215A	1.10	00	05/93	
AV OFFICE DUTCH (NON-AMERICAS)	A214A	1.10	00	05/93	
AV OFFICE ADD-ON ENGLISH (AMERICAS)	A103A	1.10	00	11/92	
AV OFFICE ADD-ON ENGLISH, (NON-AMERICAS)	A115A	1.00	00	11/91	
AV OFFICE ADD-ON FRENCH (NON-AMERICAS)	A184A	1.10	00	03/93	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
AV OFFICE FRENCH LANGUAGE ADD-ON (NON-AMERICAS)	A187A	1.10	00	03/93	
AV OFFICE ADD-ON GERMAN (NON-AMERICAS)	A190A	1.10	00	03/93	
AV OFFICE ADD-ON ITALIAN (NON-AMERICAS)	A197A	1.00	00	09/92	
AV OFFICE ADD-ON SPANISH (AMERICAS)	A221A	1.00	00	09/92	
AV OFFICE ADD-ON SPANISH (NON-AMERICAS)	A203A	1.00	00	09/92	
AV OFFICE DATALINK ENGLISH (AMERICAS)	A104A	1.00	00	11/91	
AV OFFICE DATALINK (NON-AMERICAS)	A118A	1.00	00	11/91	
AV OFFICE DOCCONVERT MICROSOFT WORD MAC	A107A	1.00	00	09/91	
AV OFFICE DOCCONVERT MICROSOFT WORD/PC	A106A	1.00	00	09/91	
AV OFFICE DOCCONVERT MICROSOFT WORD/ WINDOWS	A108A	1.00	00	09/91	
AV OFFICE DOCCONVERT MULTIMATE	A109A	1.00	00	09/91	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
AV OFFICE DOCCONVERT NAVY DIF	A111A	1.00	00	09/91	
AV OFFICE DOS (AMERICAS)	32010	1.00	00	03/92	
AV OFFICE DOS (NON-AMERICAS)	32222	1.00	00	03/92	
AV OFFICE DUTCH LANGUAGE ADD-ON (NON-AMERICAS)	A216A	1.10	00	05/93	
AV OFFICE ENGLISH (AMERICAS)	A102A	1.20 1.10	00 00	09/93 11/92	04/94
AV OFFICE ENGLISH (NON-AMERICAS)	A114A	1.00	00	11/91	
AV OFFICE FRENCH (CANADA)	A319A	1.00	00	12/92	
AV OFFICE FRENCH (NON-AMERICAS)	A183A	1.10	00	11/91	
AV OFFICE GERMAN (NON-AMERICAS)	A189A	1.10 1.00	00 00	03/93	
AV OFFICE GERMAN LANGUAGE ADD-ON (NON-AMERICAS)	A191A	1.10	00	03/93	
AV OFFICE, ITALIAN (NON-AMERICAS)	A196A	1.00	00	09/92	
AV OFFICE LANGUAGE ADD-ON (NON-AMERICAS)	A198A	1.00	00	12/92	
AV OFFICE MAIL (NON US/CANADA)	A321A	1.00	00	03/93	
AV OFFICE MAIL (US/CANADA)	A320A	1.00	00	03/93	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
AV OFFICE, SPANISH (AMERICAS)	A220A	1.00	00	09/92	
AV OFFICE, SPANISH (NON-AMERICAS)	A202A	1.00	00	09/92	
AV OFFICE WINDOWS ADD-ON ENGLISH (AMERICAS)	A113A	1.20 1.10	00 00	09/93 03/92	04/94
AV OFFICE WINDOWS ADD-ON, ENGLISH (NON-AMERICAS)	A117A	1.20	00	09/93	
AV OFFICE WINDOWS ADD-ON FRENCH (NON-AMERICAS)	A186A	1.10	00	03/93	
AV OFFICE WINDOWS FRENCH LANGUAGE ADD-ON (NON-AMERICAS)	A188A	1.10	00	03/93	
AV OFFICE WINDOWS GERMAN LANGUAGE ADD-ON (AMERICAS)	A194A	1.10	00	03/93	
AV OFFICE WINDOWS ADD-ON ITALIAN (NON-AMERICAS)	A200A	1.00	00	09/92	
AV OFFICE WINDOWS ADD-ON SPANISH (NON-AMERICAS)	A206A	1.00	00	09/92	
AV OFFICE WINDOWS ADD-ON TO SPANISH UNIPLEX	A224A	1.00	00	09/92	
AV OFFICE WINDOWS ENGLISH (NON-AMERICAS)	A116A	1.00	00	11/91	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
AV OFFICE WINDOWS ADD-ON GERMAN (NON-AMERICAS)	A193A	1.10	00	03/93	
AV OFFICE WINDOWS GERMAN (NON-AMERICAS)	A192A	1.10	00	03/93	
AV OFFICE WINDOWS FRENCH (NON-AMERICAS)	A185A	1.10	00	03/93	
AV OFFICE WINDOWS LANGUAGE ADD-ON (NON-AMERICAS)	A201A	1.00	00	09/92	
AV OFFICE WINDOWS ENGLISH (AMERICAS)	A112A	1.10	00	11/92	
AV OFFICE WINDOWS, ITALIAN (NON-AMERICAS)	A199A	1.00	00	09/92	
AV OFFICE WINDOWS, SPANISH (AMERICAS)	A223A	1.00	00	09/92	
AV OFFICE WINDOWS, SPANISH (NON-AMERICAS)	A205A	1.00	00	09/92	
AV OFFICE WINDOWS, SWEDISH (NON-AMERICAS)	A211A	1.00	00	09/92	
AV SYSCOPE PERF MONITOR	R062A	1.00	00	01/93	
BUSINESS BASIC FOR AViiON	L005A	1.30	00	06/93	
BUSINESS BASIC FOR 386/IX	L004A	1.20	00	05/92	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
***C++ (AT&T) - FOR SERVER *** Note: This Product requires DG/UX 5.4 revision or later.	L018A	2.12 2.2.1	00 00	05/92 10/91	
CMIP/CMIS AGENT FOR AViiON	C124A	3.10 3.00	00 00	01/93 07/92	
DATA ACCESS LANGUAGE FOR AViiON	C145A	1.00	00	03/92	
DB SORT/MERGE UTILITY FOR AViiON	RO42A	1.03	00	08/91	
DCE CELL DIRECTORY SERVER	C173A	1.00	00	07/93	
DCE GLOBAL DIRECTORY SERVER	C174A	1.00	00	07/93	
DCE ENCRYPTION UTILITIES FOR AViiON	C176A	1.00	00	07/93	
DCE EXECUTIVE FOR AViiON	C177A	1.00	00	07/93	
DCE SECURITY SERVER	C172A	1.00	00	07/93	
DG/ADVANCED PICK FOR AViiON	D058A	6.00 5.25	00 00	11/93 11/93	
DG/NETBEUI FOR AViiON	C086A	1.10	00	03/92	
DG SORT/MERGE FOR AViiON	R024A	1.71	00	05/93	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
DG/UX OPERATING SYSTEM	P001A	5.4*	2.10*	09/93*	
	Q001A	5.4	2.01	06/93	
		5.4	2.00	09/92	
		5.4	1.00	02/92	
- B1 TRUSTED	Q011A	5.4	2.01	08/93	
		5.4	2.00	05/93	
		5.4	0.00	10/92	
- C2 TRUSTED	Q012A	5.4	2.01	08/93	
		5.4	2.00	05/93	
		5.4	0.00	12/92	
* DG/UX 5.4R2.10 is available only for certain AViiON systems: AV/500, AV/550, AV/5500, AV/8500, and AV/9500.					
DG/UX X.25 FOR AViiON	C008A	2.30	00	02/93	
DG/UX X.25 PAD FOR AViiON	C009A	2.30	00	02/93	
386/IX ONC/NFS	C005B	2.00	00	10/89	
DG/UNIVERSE (NON-USA)	D063A	6.34	01	06/93	
DG/UNIVERSE (USA)	D055A	6.34	01	06/93	
DG/UX TAPE INTERCHANGE UTILITIES	R032A	1.00	00	04/91	
DNI FOR AViiON	C083A	1.10	00	09/91	
		1.00	00	03/91	
DYNACOMM ASYNCH	C147A	3.10	03	06/93	
FONT SERVER FOR 5921 X-TERMINALS	R064A	6.00	00	05/93	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
FRAMEMAKER DOCUMENT FILTER	A008B	2.00	00	02/91	
FRAMEMAKER 3.0 ENGLISH FLOATING	A012C	3.10 2.11	00 00	03/92 08/91	
FRAMEMAKER 3.0 FIXED LIC. ENGLISH	A169A	3.10	00	03/92	
FRAMEMAKER GRAPHICS FILTERPAK	A009B	2.00	00	02/91	
FRENCH UNIPLEX II PLUS BASE	A316B	7.01	00	01/93	
FTAM FOR AViiON	C095A	3.30	00	08/93	
GIS UNIVERSE (INTER-NATIONAL)	D059A	1.00	00	06/93	
GIS UNIVERSE (US)	D060A	1.00	00	06/93	
GNU TOOLS FOR AViiON	R028A	2.00	00	09/92	
GNU C COMPILER *See DG/UX 2.10 note.	P001A-C Special case	2.4.5.2* 1.96.4 1.37.31	00* 00 00	09/93* 02/92 09/91	
GREENHILLS C-88000	L001A	1.86 1.85	00 00	03/92 08/90	
GREENHILLS FORTRAN-88000	L002A	1.86 1.86 1.85	01 00 01	02/93 03/92 08/90	
GREENHILLS PASCAL-88000	L003A	1.86 1.86 1.85	01 00 01	02/93 03/92 08/90	
ICHOST/MS-DOS	L028A	3.40	00	08/93	
ICHOST/MS-DOS RUNTIME	L029A	3.40	00	08/93	
ICOBOL FOR AViiON	L007A	1.71 1.70	00 00	05/93 08/91	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
ICOBOL FOR 386/IX	L006A	1.70	00	08/91	
ICOBOL RUNTIME PKG FOR AViiON	L015A	1.71	00	05/93	
INFOS CONNECTION SERVER FOR AViiON	D057A	1.10	00	02/91	
INTERACTIVE COBOL RUNTIME FOR AViiON	L015A	1.70	00	08/91	
INTERACTIVE COBOL RUNTIME FOR 386/IX	L014A	1.70	00	08/91	
I/UNIX - RUNTIME	R048A Q002B	4.00 3.01	00 00	09/93 03/93	03/94
LAN MANAGER FOR AViiON	C102A	2.00	00	06/93	
LAN MANAGER FOR AViiON SYSTEMS CLIENT PACKAGE	32193	2.00	00	06/93	
LANNET TERMSERVER SW	C165A	3.30	00	12/92	
LOOKING GLASS PROFESSIONAL FOR AViiON	R041A	2.20 2.00	00 00	10/92 08/91	
LOTUS 123 FOR AV (NON US/CANADA)	A414A	1.20	00	08/93	
LOTUS 123 MOTIF (NON US/CANADA)	A415A	1.20	00	08/93	
MIT CONTRIB FOR AViiON	C180A	1.00	00	05/93	
MICROFOCUS COBOL-2 FOR AViiON	L013A	3.10 1.30	00 00	01/94 12/92	
MICROFOCUS COBOL/2 RUNTIME	L027A	1.30	00	12/92	
MICROFOCUS FORMS-2 FOR AViiON	R008A	1.3.9 1.3	00 00	07/91 12/89	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
MICROFOCUS COBOL/ 2 WITH TOOLBOX	L030A	1.30	00	02/93	
MHS FOR AViiON	C136A	1.20	00	04/93	
MHS GATE FOR AViiON	C162A	1.00	00	03/93	
MULTIMAN/AV SW	R046A	3.30	00	12/92	
MV DATA CENTER MANAGER FOR AViiON	R045A	1.00	00	01/92	
MXDB FOR AViiON	R007A	2.20 2.11 2.10 2.00	00 00 00 00	07/93 11/92 05/92 09/91	
NCD X-TERMINAL BOOT TAPE	14C (R051A)	2.47	00	05/93	
	15B (R053A)	2.47	00	05/93	
	17C (R052A)	2.47	00	05/93	
	19C (R054A)	2.47	00	05/93	
	19G (R056A)	2.47	00	05/93	
	19R (R055A)	2.47	00	05/93	
NETBIOS/TCP/IP FOR AViiON	C166A	1.00	00	01/93	
NETINFO FOR AViiON	C169A	3.00	00	01/93	
NETWARE SERVICES FOR AViiON	C020A	2.30 2.10	00 00	02/94 06/93	
NETWARE TRANSPORT FOR AViiON	C021A	2.30 2.10	00 00	0294 06/93	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
NETWORKER FOR AViiON	Q017A	3.01	00	03/93	
NEXTSTEP CORPORATE ENGLISH	Q030C	3.20	00	01/94	
NEXTSTEP CORPORATE FRENCH	Q029C	3.20	00	01/94	
NEXTSTEP CORPORATE GERMAN	Q034C	3.20	00	01/94	
NEXTSTEP DEVELOPER	Q024A	3.10	00	08/93	
NEXTSTEP USER	Q020A	3.10	00	08/93	
NEXTSTEP USER INTEL ENGLISH	Q020C	3.20	00	01/94	
NEXTSTEP USER INTEL FRENCH	Q022C	3.20	00	01/94	
NEXTSTEP USER INTEL GERMAN	Q023C	3.20 3.00	00 00	01/94 01/94	
NOVELL NATIVE NETWARE 286	C133A	ELS-1			
NOVELL NATIVE NETWARE 286	C134A	ELS -2			
NOVELL NATIVE NETWARE 286	C148A	V2.2			
NOVELL NATIVE NETWARE 4.01	C131B	4.01	00	02/94	
ONC/NFS SYSTEM FOR AViiON *See DB/UX 2.10 note.	C002A	5.4* 5.4 5.4 5.4	2.10* 2.01 2.00 1.00	09/93* 06/93 09/92 02/92	
OPENMAC/SERVICES FOR AViiON	C148A	1.10	00	06/92	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
OPENMAC/SERVICES FOR AViiON	C148A	1.10	00	06/92	
OPENMAC TRANSPORT FOR AViiON	C117A	1.10	00	06/92	
OPSTAR JB	A229A	1.60 1.50	00 00	09/93 03/93	04/94
OPSTAR OFM	A226A	1.60 1.50	00 00	09/93 03/93	04/94
OPSTAR OPTICAL DISK DRIVER	A228A	1.60 1.50	00 00	09/93 03/93	04/94
OPSTAR VFM	A227A	1.60 1.50	00 00	09/93 03/93	04/94
ORACLE DB LINK SERVER	A324A	1.00	00	11/93	
OS/EYE*NODE	C161A	1.00	00	02/93	
OSI/PLATFORM FOR AViiON	C094A	3.10	00	12/92	
QLLC FOR AViiON	C168A	3.20	00	03/93	
SDLC FOR AViiON	C010B	3.10	00	09/92	
SECURE RPC FOR AViiON	R010A	4.30	00	07/90	
SNA FOR AViiON	C011B	3.20 3.10	00 00	03/93 09/92	
SNA 3270 FOR AViiON	C012B	3.10	00	12/92	
SNA RJE FOR AViiON	C013B	3.10	00	09/92	
SNA TOKEN RING FOR AViiON	C121A	3.00	00	09/92	
SOFTPC	A001B	3.00 2.0.1 2.0.0	00 00 00	12/93 04/92 01/92	06/94 06/94

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
SPANISH AV OFFICE WINDOWS LANGUAGE ADD-ON (AMERICAS)	A225A	1.00	00	09/92	
SPANISH AV OFFICE WINDOWS LANGUAGE ADD-ON (NON-AMERICAS)	A207A	1.00	00	09/92	
SWEDISH AV OFFICE LANGUAGE ADD-ON (NON-AMERICAS)	A210A	1.00	00	12/92	
SWEDISH AV OFFICE WINDOWS LANGUAGE ADD-ON (NON-AMERICAS)	A213A	1.00	00	12/92	
TCP/IP FOR AViiON *See DG/UX 2.10 note.	C001A	5.4* 5.4 5.4 5.4	2.10* 2.01 2.00 1.00	09/93* 06/93 09/92 02/92	
TUXEDO SYSTEM/T FOR AViiON	Q013A	4.20	00	03/92	
TUXEDO SYSTEM/VS FOR AViiON	Q014A	4.20	00	03/92	
UIM/X FOR AViiON	R033A	2.00	00	05/92	
UNIPLEX II AMERICAS ONLY	A020B	7.02	00	06/93	
UNIPLEX II PLUS ADS AGS	A022B	7.02	00	06/93	
UNIPLEX WINDOWS (AMERICAS)	A085A	7.02	00	06/93	
VMARK UNIVERSE FOR AViiON	D055A	6.3.4.1b 6.3.4.1	00 00	06/93 02/93	
VTP FOR AViiON	C096A	3.30	0	07/93	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
WESTERN EUROPEAN SYSTEM MESSAGES	Q019A	2.00	00	12/93	
X.400 FOR AViiON	C098A	3.20	00	01/93	
XTP FOR AViiON	C167A	1.00	00	01/93	
X WINDOWS (AViiON) *See DG/UX 2.10 note.	H001A	5.4* 5.4 5.4 5.4	2.10* 2.01 2.00 1.00	09/93* 06/93 09/92 02/92	

SECTION 3:
Comment Form

NEWSLETTER COMMENTS FORM

Your Name:_____

Your Title: _____

Company Name:_____

Street:_____

City: _____ State: _____ Zip: _____

Account Number: _____

NEWSLETTER TITLE: _____

WHO ARE YOU?
_____ EDP/MIS Manager
_____ Analyst/Programmer
_____ Senior System Analyst
_____ Operator
_____ Engineer
_____ End User
_____ Other

HOW DO YOU USE THIS NEWSLETTER? (List in order with 1 = to Primary Use)
_____ Introduction to the product
_____ Reference
_____ Other

ABOUT THE NEWSLETTER:
Is it easy to read? Y(es) or N(o) _____
Is it easy to understand? Y(es) or N(o) _____
Are the topics logically organized? Y(es) or N(o) _____
Can you easily find what you want/ Y(es) or N(o) _____
Does it tell you everything you need to know? Y(es) or N(o) _____

COMMENTS:_____
_____
_____
_____

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Customer Support Center
Newsletter Editor
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USA

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