

RECEIVED SEP 20 1995

*Data General
Open Systems
Support Newsletter*

**Data General Corporation
1626 Jeurgens Court
Norcross, Georgia 30093**

September 1995

1. The first part of the document is a list of names and titles of the members of the committee. The names are listed in alphabetical order. The titles are listed in the order in which they appear in the document. The names and titles are as follows:

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SECTION 1:
Open System STRs

API LU6.02 FOR AViiON SYSTEMS Model: C014B

STR: NASC-21297 API LU6.02 FOR AViiON SYSTEMS

Module: N/A

ORIG-ID: U663171

Rev: 3.10

Problem Summary:

After receiving an unbind we fail to respond, and then post a negative response to bind when the session is restarted.

Answer Summary:

This problem is corrected with patch level sna_4.00.13. We understand that you have installed and successfully tested the patch.

AV Office Mail for AViiON - Americas Model: A320A

STR: NASC-18486 AV Office Mail for AViiON - Americas

Module: N/A

ORIG-ID: U416511

Rev: 1.00

Problem Summary:

External mail was being picked up but it was not being delivered. There was no error to indicate what was wrong.

Answer Summary:

This problem was fixed in Uniplex Business Software V7.02. However AV Office Mail was not and will not be revised with this new software. The recommended upgrade path for AV Office Mail is to Uniplex Mail V8.00 which should be available from Data General the Fall of 1995.

AV/onGO for AViiON Systems Model: A335A

STR: NASC-20491 AV/onGO for AViiON Systems

Module: N/A

ORIG-ID: U584258

Rev: 1.02

Problem Summary:

The Service Router has aborted several times.

Answer Summary:

This problem has been fixed in revision 2.01 of onGO which should be available from DG soon. The problem is caused by corrupted work files which are trying to re-use PID's. The occurrence of this problem can be reduced by regularly running the OpenMail Cleanup utility 'omscan -dv'. Please see the man pages for more information on omscan.

B1 Trusted DG/UX Model: Q012A

STR: NASC-21208 B1 Trusted DG/UX

Module: LOCTIME

ORIG-ID: U633095

Rev: 3.10

Problem Summary:

We are unable to use the location/time features to restrict users from accessing the system at certain times of the day.

Answer Summary:

This problem with controlling access via the location/time feature is corrected in Information Security for DG/UX Release 4.11. The documentation in Managing Security on the DG/UX System has also been enhanced. Investigation revealed that access could be controlled via location but not by time.

Business Basic for AViiON Systems Model: L005A

STR: NASC-21376 Business Basic for AViiON Systems

Module: N/A

ORIG-ID: E442732

Rev: 1.40

Problem Summary:

Some of the Screenedit characters are not working correctly after moving code from the MV to the AViiON.

Answer Summary:

A problem with a pointer in the edit buffer was found to be not incrementing correctly. The problem has been resolved and will be available in the next release of Business Basic for AViiON.

C2 Trusted DG/UX Model: Q011A

STR: NASC-21167 C2 Trusted DG/UX

Module: AUDIT

ORIG-ID: U641416

Rev: 3.10

Problem Summary:

We are unable to prevent the auditing of the EXIT event. We have included a sample audit trail file and the contents of /etc/tcb/audit as materials for this problem.

Answer Summary:

The EXIT event that is auditable is the exit system call. This event would be auditable any time exit is called within an executable or even invoking the exit command which resolves to an exit system call. You are explicitly adding this event to your system mask via the HAOA5 mask. To prevent auditing the EXIT event, remove HAOA5 from your mask.

STR: NASC-21603 C2 Trusted DG/UX
ORIG-ID: U689557

Module: ETC_PASSWD
Rev: 3.10

Problem Summary:

Problem with /etc/passwd entries getting "re-ordered".

Answer Summary:

While the reordering of /etc/passwd is undesirable, investigation has shown that the system is functioning properly. The order that etc_passwd creates the /etc/passwd file is determined by reading the /etc/tcb/aa/user directory (A&A database). The reordering affect is lessened by the release of patch dgux.C2_5.4R3.10T.p04.

DG/UX Base System for AViiON Model: Q501A

STR: EURO-615400624DG/UX Base System for AViiON
ORIG-ID: ADMINISTRATIO

Module: N/A
Rev: 3.00

Problem Summary:

On running admvdisk -omove -s tmp_s -d tmp_s.1 command the system returned the error message error: Cannot release virtual disk administration lock. The virtual disk is still mounted...or mapped. This has been seen on 2 systems.

Answer Summary:

We have been unable to reproduce the reported problem with the materials and/or information provided. We recommend that you install the most current Maintenance Update for the revision of DG/UX you are running. If the problem re-occurs then submit a new STR with the necessary materials and information for problem reproduction.

STR: NASC-21952 DG/UX Base System for AViiON
ORIG-ID: E447376

Module: N/A
Rev: 3.00

Problem Summary:

DGUX will allow automount to create null links.

Answer Summary:

There is no restriction on the contents of a symbolic link in Unix. This is the correct behavior.

STR: AUSC-10234 DG/UX Base System for AViiON
ORIG-ID: MARGARET PITT

Module: N/A
Rev: 3.10

Problem Summary:

Please investigate a program written by the customer which core dumps under X11/MOTIF.

Answer Summary:

The function create_dialog2 in dialog.c contains a call to XtManageChildren(button, XtNumber(-buttons)). However, button is an uninitialized array. If it is not initialized with a list of widgets created with XtCreateWidget, then the call will dump core.

STR: EURO-616506063DG/UX Base System for AViiON
ORIG-ID: 616506063

Module: N/A
Rev: 3.10

Problem Summary:

After having issued the set -a command, when using the read command in the bourne shell, the variable is shown when you issue the set command but it is not displayed when you issue the env command. Running DG/UX 5.4R3.10MU02.

Answer Summary:

This problem is corrected in the read command that will ship with DG/UX revision 4.11.

STR: EURO-690200569DG/UX Base System for AViiON
ORIG-ID: SS 690200569-

Module: N/A
Rev: 3.10

Problem Summary:

We have had a hang on an AV/9500. It was not possible to either hot-key or get a dump by pressing the abort-button. Dump was taken using S 1000

Answer Summary:

Closed under UK incidentno.

STR: GER-15363 DG/UX Base System for AViiON
ORIG-ID: 3204374

Module: N/A
Rev: 3.10

Problem Summary:

ESQL-script reports runtime error under dg/ux 5.4R3.10 MU01.

Answer Summary:

It is not recommended that libnsl.a be used any more - please use libnsl.so. Although the Informix scripts were checking for libnsl.a, Informix was actually using libnsl.so.

STR: NASC-21643 DG/UX Base System for AViiON
ORIG-ID: U695808

Module: N/A
Rev: 3.10

Problem Summary:

Remote print processes hang. When this happens the job has to be cancelled, the lpsched process stopped and started on both ends.

Answer Summary:

As we discussed in our telephone conversation, we are closing this STR since you have not had an opportunity to provide the support materials necessary for further investigation. We will be glad to investigate this problem for you if materials are submitted with a new STR.

STR: NASC-21680 DG/UX Base System for AViiON
ORIG-ID: DN-CLARIIIONS

Module: N/A
Rev: 3.10

Problem Summary:

Received error "Sense Key" from CLARiiONs resulted in DG/UX 5.4R3.10 freezing LUNS. DGUX was able to see LUNs but unable to write to them. Only way to workaround problem was to change ownership of LUNs to the other SP.

Answer Summary:

This problem is corrected in commands which will ship with DG/UX 5.4R4.10.

STR: NASC-21813 DG/UX Base System for AViiON
ORIG-ID: BLOOM.DG1.062

Module: N/A
Rev: 3.10

Problem Summary:

System dgl hung, unable to get a dump. RBOS ran for 6 minutes. dgux was booted and reported problems with sd(ncsc(2,7),2 (chassis #6 sp a scsi id =2) sd(ncsc(7,7),3) (clariion chassis #6 sp B), sd(ncsc(8,7),3) (clariion chassis.

Answer Summary:

This problem should be corrected in MU02. This problem looks like it was caused by the incorrect handling of unit attention. This caused DG/UX to panic the adapter thus erroring out all future requests on the adapter.

STR: NASC-21929 DG/UX Base System for AViiON
ORIG-ID: U736732

Module: N/A
Rev: 3.10

Problem Summary:

System crashed with a panic code of 53000055.

Answer Summary:

As we've discussed, we were unable to determine the cause of your system panic because we did not have a valid system dump tape. You are no longer able to reproduce the panic because you've changed your system configuration to remove one of the 8mm tape drives and cannot provide a valid memory dump and system kernel. We are closing this STR at your request.

STR: NASC-21937 DG/UX Base System for AViiON
ORIG-ID: X000579

Module: N/A
Rev: 3.10

Problem Summary:

Stdlib.h does not "lint" cleanly.

Answer Summary:

This problem was fixed in lint that will be shipped in 4.10.

STR: NASC-21948 DG/UX Base System for AViiON
ORIG-ID: U742473

Module: N/A
Rev: 3.10

Problem Summary:

The system hung while doing a multi tape backup via tar.

Answer Summary:

STR submitted by mistake. Do not mail answer.

STR: NASC-21967 DG/UX Base System for AViiON
ORIG-ID: U744315

Module: N/A
Rev: 3.10

Problem Summary:

Installation of MU02 causes Powerhouse to report an error 22. Works fine under 5.4r3.10 with MU01.

Answer Summary:

As we discussed, you are no longer experiencing this problem with the installation of maintenance update MU02 and patch 95.

STR: NASC-22004 DG/UX Base System for AViiON
ORIG-ID: U748359

Module: N/A
Rev: 3.10

Problem Summary:

Problems loading dump2 backups.

Answer Summary:

As we discussed, we are closing this STR at your request.

STR: NASC-22093 DG/UX Base System for AViiON
ORIG-ID: U761763

Module: N/A
Rev: 3.10

Problem Summary:

Logname command will not work properly, if we issued a "su - username" command. Per man page logname, logname returns the contents of the environment variable \$LOGNAME, the name under which ou logged in.

Answer Summary:

Duplicate of NASC-22098. This incident was opened in error.

STR: NASC-21850 DG/UX Base System for AViiON
ORIG-ID: U728878

Module: ADMVDISK
Rev: 3.10

Problem Summary:

Unable to remove virtual disk whose name begins with a "-".

Answer Summary:

The problem you reported is fixed in admvdisk(1M) that will ship with DG/UX Release 4.11. admvdisk(1M) and sysadm(1M) will no longer allow virtual disks to be created or renamed to a name beginning with '-'. A workaround has been provided to allow removal of any virtual disks previously created with a '-' in the first character.

STR: NASC-21192 DG/UX Base System for AViiON
ORIG-ID: U643549

Module: DUMP2
Rev: 3.00

Problem Summary:

Attempts to verify backup using restore -V appears to run correctly but only returns some of the files.

Answer Summary:

The problem which you reported is fixed in the version of "dump2" that will ship with DG/UX Revision 4.11.

STR: EURO-615303510DG/UX Base System for AViiON
ORIG-ID:

Module: HARDWARE
Rev: 3.10

Problem Summary:

150000044 panic, running DG/UX 5.4R3.10MU01. Panic took place overnight and there is no possibility that the abort switch was used given the location of the system.

Answer Summary:

The dump provided with this STR does not provide any indication that there is a software problem related to DG/UX. The system was completely idle when the NMI was taken and there were no processes running. If this system experiences further spurious NMI panics, diagnostics should be run and the hardware support engineers should audit the system.

STR: EURO-617109325DG/UX Base System for AViiON Module: HW-CONTROLLER
ORIG-ID:

Rev: 3.00

Problem Summary:

Panic 53000053, running DG/UX 5.4R3.00MU02

Answer Summary:

The dump supplied with this STR indicates there may be a hardware problem with dgsc(1) and/or it's associated cabling. If these panics are still occurring, the controller should be replaced and the cabling should be checked.

STR: EURO-617110945DG/UX Base System for AViiON
ORIG-ID: WMF HANG/PANI

Module: HW-CPU
Rev: 3.00

Problem Summary:

System hangs and also one panic 112000002. DGUX 5.4R3.00 + MU02.

Answer Summary:

These hangs and panics appear to be caused by either a failing JP1 or it's associated caches. They should be replaced.

STR: EURO-618114033DG/UX Base System for AViiON
ORIG-ID: AMEC PANIC 20

Module: HW-CPU
Rev: 3.00

Problem Summary:

PANIC 2000075. DGUX 5.4R3.00 + MU03.

Answer Summary:

This panic appears to have been caused by a faulty JP. JP0 should be replaced in this system.

STR: GER-15335 DG/UX Base System for AViiON
ORIG-ID: 3102559

Module: HW-CPU
Rev: 3.00

Problem Summary:

System hang, all consoles dead, hotkey sequence failed

Answer Summary:

This hang was corrected by replacing a faulty CPU in the system.

STR: EURO-615116615DG/UX Base System for AViiON
ORIG-ID: BLOOMBERG 112

Module: HW-CPU
Rev: 3.10

Problem Summary:

Panic 112000002. Has happened once.

Answer Summary:

Analysis of this dump was not conclusive. There were; however, an accumulation of soft memory errors in the dump error log. Please have Class 1 ECO 35807 applied to this system. If the problem reoccurs, please open a new str with new dump materials and reference this str. We will close this str with your acceptance of this resolution.

STR: EURO-619106106DG/UX Base System for AViiON
ORIG-ID: SCOT-HOMES-PA

Module: HW-CPU
Rev: 3.10

Problem Summary:

AV8500 panics about every 3 days - 2m75 and 112m2. DGUX 5.4R3.10 + MU01 + p71.

Answer Summary:

The panics reported in the STR are the result of a faulty JP. Since the JP has been replaced and these panics have not occurred again, this STR is closed.

STR: EURO-661000078DG/UX Base System for AViiON
ORIG-ID: MAERSK HANGS

Module: HW-CPU
Rev: 3.10

Problem Summary:

AV9500 had 2 hangs - Feb 10 and Feb 16. Managed to take hot key sequence memory dump for Feb 10 - feb 16 had to hit RESET button.

Answer Summary:

These hangs appear to be caused by a faulty JP. JP0 should be replaced on this system.

STR: NASC-22070 DG/UX Base System for AViiON
ORIG-ID: ET-8/95

Module: IDI
Rev: 3.10

Problem Summary:

Formatting characters being displayed when executing man pages under motif and idl control. Works under ascii mode.

Answer Summary:

The motif idi interface does not do any terminal emulation. To remove the formatting characters from the display you can do a man -Tascii subject. If you wish to display the man page with highlites you could do '/usr/opt/X11/bin/xterm -e man subject' however the user would have to exit xterm to continue the idi session.

STR: GER-15347 DG/UX Base System for AViiON
ORIG-ID: 3102687

Module: INFORMIX
Rev: 3.00

Problem Summary:

A stored procedure crashes on the secondary server of an Online pair (segment violation) although it works without error on the primary server.

Answer Summary:

Problems with Informix Online found by customers in Germany should be reported to the Informix Technical Support group in Munich. Informix will aid in correcting this problem for customers who have Informix support contracts.

STR: NASC-18159 DG/UX Base System for AViiON
ORIG-ID: U378594

Module: KERN-DEV
Rev: 2.01

Problem Summary:

UX:tar:ERROR: Tape read error: Invalid argument received. The preceding error message is received attempting to read the second file off a QIC-150 tape using a QIC-525 drive.

Answer Summary:

This problem is corrected in modules that ship with DG/UX 5.4 Release 3.10. The tape driver was not enforcing the use of fixed length blocks on tape files other than the first file. This is now enforced for tapes that are written in the QIC-150 format.

STR: AUSC-10206 DG/UX Base System for AViiON
ORIG-ID:

Module: KERN-DEV
Rev: 3.00

Problem Summary:

System panic 4000102,

Answer Summary:

This problem is corrected in modules that will ship with DG/UX R4.10.

STR: EURO-61000062DG/UX Base System for AViiON
ORIG-ID: SYSTEM HANG

Module: KERN-DEV
Rev: 3.00

Problem Summary:

Problems were being experienced on the network so the rc.tcpiperv and rc.tcpiport scripts were run remotely. The system then had the appearance of a hang, system dump was taken using the abort button.

Answer Summary:

These hangs are due to hardware issues related to the Cypress VIC068 chip. An HTR for this problem is reported as ATLO-724. This problem resolution should be tracked through that HTR.

STR: GER-15313 DG/UX Base System for AViiON
ORIG-ID: 3203778

Module: KERN-DEV
Rev: 3.00

Problem Summary:

Probedev causes the system to reboot.

Answer Summary:

This problem can occur on all multi-channel VME systems when probing for multi-channel VME internal SCSI devices and when probing for VME devices on multi-channel VME configurations with two IOCs. DG/UX R4.10 minimizes, but does not eliminate, occurrences of this hang. We recommend that probedev (1M) be only run at init level 1 for these systems.

STR: GER-15302 DG/UX Base System for AViiON
ORIG-ID: 3203645

Module: KERN-DEV
Rev: 3.10

Problem Summary:

Mt status hangs after tar xvf of a tape with blocksize 20. A subsequent init 0 hangs, the system does not enter the SCM.

Answer Summary:

Problem may be avoided by using 'b' flag on the tar command line when reading the tape files written with block factor other than default (32). Problem is caused by the tape drive which as indicated by SCSI trace is violating SCSI specification.

STR: INTL-1186 DG/UX Base System for AViiON
ORIG-ID: BEL95010

Module: KERN-DEV
Rev: 3.10

Problem Summary:

SCSI adapter disabled after a request timeout.

Answer Summary:

The incorrect SCSI ID problem that you reported is corrected in DG/UX System Release R4.11. The routine that displayed the SCSI adapter shutdown message was using an incorrect value for the SCSI ID.

STR: NASC-20488 DG/UX Base System for AViiON
ORIG-ID: U578739

Module: KERN-DEV
Rev: 3.10

Problem Summary:

Sharing of tape drives does not work properly since upgrading DG/UX from 3.00 to 3.10.

Answer Summary:

As we discussed in our phone conversation, we are closing this STR at your request since you are no longer running this configuration and do not wish to pursue the problem at this time. In the future, should this become a problem for you again, please submit a new STR referencing this STR.

STR: NASC-21196 DG/UX Base System for AViiON
ORIG-ID: E441444

Module: KERN-DEV
Rev: 3.10

Problem Summary:

We rev'ed up our system to rev 5.4R3.10 of DG/UX and installed MU01. After that we began having tty ports hang on our system intermittently.

Answer Summary:

The problem you report is corrected in the kernel libraries that will ship with DG/UX Revision 4.10.

STR: NASC-21743 DG/UX Base System for AViiON
ORIG-ID: U709305

Module: KERN-DEV
Rev: 3.10

Problem Summary:

Admpdisk listing does not accurately reflect disk status after disks have been switched back to their primary path using multipath disk i/o.

Answer Summary:

This problem is corrected in modules that ship with DG/UX 5.4R3.10.MU02. The device drivers have been corrected to properly report the disk status after a path switch. Please upgrade to this Maintenance Update (or later update).

STR: NASC-21812 DG/UX Base System for AViiON
ORIG-ID: JB-DAL TILE

Module: KERN-DEV
Rev: 3.10

Problem Summary:

Panic 2000075 during reset recovery of st(dgsc(vme(0),0),4).

Answer Summary:

The problem you report is corrected in the kernel libraries that will ship with DG/UX Revision 4.10.

STR: NASC-21958 DG/UX Base System for AViiON
ORIG-ID: F-M037070

Module: KERN-DEV
Rev: 3.10

Problem Summary:

Panic 53000055 has occurred twice at this site. Discussion of cursory dump analysis by NSS with RTP indicates a possible dgux problem.

Answer Summary:

The problem you report is corrected in the kernel libraries that will ship with DG/UX Revision 4.11.

STR: NASC-21988 DG/UX Base System for AViiON
ORIG-ID: M03737

Module: KERN-DEV
Rev: 3.10

Problem Summary:

The park3 system took a 2000075 panic.

Answer Summary:

The problem you report is corrected in the kernel libraries that will ship with DG/UX Revision 4.10.

STR: NASC-21989 DG/UX Base System for AViiON
ORIG-ID: NSSNATIONS

Module: KERN-DEV
Rev: 3.10

Problem Summary:

2m75 panic while attempting a reset recovery on a dual initiated clariion tape array. A system that shared the tape array was rebooted causing the panic on a second computer.

Answer Summary:

The problem you report is corrected in the kernel libraries that will ship with DG/UX Revision 4.10.

STR: NASC-22021 DG/UX Base System for AViiON
ORIG-ID: U749894

Module: KERN-DEV
Rev: 3.10

Problem Summary:

The tape array does not configure at reboot time.

Answer Summary:

This problem will be corrected in modules that will ship with DG/UX R4.11. The st tape driver was not allowing for the possibility that a CLARiiON type device had previously been configured on the same SCSI bus and that this would cause the SCSI bus to be undergoing "reset recovery". This has been corrected.

STR: NASC-21901 DG/UX Base System for AViiON
ORIG-ID: F-M035984

Module: KERN-FFM
Rev: 3.10

Problem Summary:

System suffering panic 2000075 once a day for the past 6 working days. Dgux is 5.4R3.10 + mu02. Patches p82, 106, p124 and p126 installed upon recommendation of NSS. No effect on panics or frequency.

Answer Summary:

The problem you reported will be fixed in the Flat File Manager subsystem that ships with DG/UX Release R4.10.

STR: EURO-616203387DG/UX Base System for AViiON
ORIG-ID: MAERSK JUN95

Module: KERN-PEFN
Rev: 3.10

Problem Summary:

3 panics (2 with good main_memory files). Ignoring the bad main_memory file, the panics were from the same area of the kernel. Panic codes 2000075 and 2000076.

Answer Summary:

This problem has been resolved in pefn.a that will ship in DG/UX 5.4 Release 4.10. It has been resolved for DG/UX 5.4 Release 3.10 in patch dgux_5.4R3.10.p126. dgux_5.4R3.10.p126 replaces dgux_5.4R3.10.p115 which introduced the error.

STR: NASC-21847 DG/UX Base System for AViiON
ORIG-ID: F-S796906

Module: KERN-PEFN
Rev: 3.10

Problem Summary:

Panic 2m76 after installing MU02 + patch dgux_5.4R3.10.p115. Panic stopped after removing MU02 and other patches. (Back-rev'd to MU01 + all patches for 5.4R3.10 through p90.)

Answer Summary:

This problem has been resolved in pefn.a that will ship in DG/UX 5.4 Release 4.10. It has been resolved for DG/UX 5.4 Release 3.10 in patch dgux_5.4R3.10.p126. dgux_5.4R3.10.p126 replaces dgux_5.4R3.10.p115 which introduced the error.

STR: HOLL-534 DG/UX Base System for AViiON
ORIG-ID:

Module: KERN-TCP
Rev: 3.10

Problem Summary:

There is a performance problem using an Informix based workflow product, called Floware, with DG/UX 5.4.3 or later. The problem does not exist when a DG/UX version prior to 5.4.3 is used; for example 5.4.2.

Answer Summary:

Without a reproducible case, it is not possible for us to be sure what your problem is. From the information provided, we would guess that some of the code is using TCP sockets for the communication link. Starting in DG/UX 5.4 R3.00, acknowledgements are delayed up to 400 milliseconds to reduce network traffic.

STR: EURO-619303197DG/UX Base System for AViiON
ORIG-ID:

Module: KERN-TS
Rev: 3.00

Problem Summary:

2000075 panic, DG/UX 5.4R3.0MU02. xtb shows su_enqueue_defer_list+14 Uc_Model_25MHz_Shotgun (0x7918) (4 CPUs) (192 Mbytes memory).

Answer Summary:

This problem will be corrected in the version of the kernel libraries that will ship with DG/UX 5.4R4.10.

STR: NASC-22080 DG/UX Base System for AViiON
ORIG-ID:

Module: KERN-VDM
Rev: 3.10

Problem Summary:

Under older revisions (5.4.2 and back) DGUX had a published limitation of 32 virtual disk partitions (or pieces) on a physical disk. The limit still exists under 5.4.3.10 MU02.

Answer Summary:

The incident you described has been resolved in DG/UX release R4.10. The Virtual Disk Information Table area had traditionally been 16-blocks in size. Beginning with release R4.10 this size will be based on the physical capacity of the disk being formatted. The Information Table area will be created with 16-blocks space for each MB of physical disk capacity.

STR: NASC-21563 DG/UX Base System for AViiON
ORIG-ID: U690073

Module: KERN-VM
Rev: 3.00

Problem Summary:

System getting 57000053 panics.

Answer Summary:

There was a bug in the VM subsystem where in invalid parameter was being passed into a function when under certain conditions map entries were being modified.

STR: NASC-21896 DG/UX Base System for AViiON
ORIG-ID: U732228

Module: KERN-VMC
Rev: 3.10

Problem Summary:

The system node name "kch4" panic'ed on July 12, 1995 at 03:03:14 (GMT) with a 57000141 panic. The "vmc_clean_file_frames" process running as VP k0:4 on JP3 took the panic.

Answer Summary:

After a thorough examination of the system dump, it has become clear that the cause of the panic is inconclusive based on the dump evidence. There is a chance that a bit flip occurred causing an invalid state in a memory frame table entry which was the catalyst for the panic. You have not reported any more panics in recent weeks and we have agreed to close this STR.

STR: EURO-661000092DG/UX Base System for AViiON
ORIG-ID: SWEDEN HANG

Module: KERNEL
Rev: 3.00

Problem Summary:

System hang - had to press NMI button. Has happened a few times recently, but not for the past month.

Answer Summary:

The dump provided with this STR is an S1000 dump which does not force a cache flush when the dump is taken. Therefore, the problem causing this hang cannot be identified with this dump. This incident is closed. If this problem occurs again, please use the hot-key sequence to force a dump as described in the DG/UX release notice for 88100 systems and submit a new STR.

STR: GER-15330 DG/UX Base System for AViiON
ORIG-ID: 3203967

Module: KERNEL
Rev: 3.00

Problem Summary:

Panic 112000002.

Answer Summary:

This panic occurred due to a memory location getting overwritten with the incorrect information. The cause of the memory trashing could not be determined from the dump. This incident is closed with your agreement. If the problem should occur again, please submit a new STR with the appropriate support materials.

STR: INTL-1181 DG/UX Base System for AViiON
ORIG-ID: 1006141

Module: KERNEL
Rev: 3.00

Problem Summary:

Got the message 'Bad ECB Completion'. Subsequently all the terminals hung including sys console. Induced a system panic (code 30000027) and took memory dump.

Answer Summary:

The dump indicated that the hang was caused by a deadlock on the SCSI bus. It appears that the REQ signal was not asserted by the target device, which caused the device driver to wait indefinitely for the REQ signal. If there is another incident of the problem, powering off and on the target device will resolve the hang.

STR: EURO-617112864DG/UX Base System for AViiON
ORIG-ID:

Module: KERNEL
Rev: 3.10

Problem Summary:

System running 5.4R3.10MU01, has had repeated 150000044 panics. 2 dumps submitted for analysis.

Answer Summary:

The dumps provided with this STR do not indicate that there is a software issue with DG/UX. If the system continues to generate spurious NMI panics, diagnostics should be run and the hardware support engineers should audit the system. The dumps do indicate that this system is under heavy memory contention. A memory upgrade should be considered based on the process load.

STR: GER-15348 DG/UX Base System for AViiON
ORIG-ID: 3204237-00

Module: KERNEL
Rev: 3.10

Problem Summary:

Problem on an AV8500 with DG/UX 5.4R3.10.MU02. Configuring a Micropolis 1588 or 1588T disk is not possible if a Seagate 11200 is configured and deconfigured before as the same device.

Answer Summary:

The Micropolis 1588 and 1588T disks which experience the problems reported in this STR are devices which are not supported by Data General. The Professional Services or System Integration organizations are available to provide support for such devices.

STR: HOLL-537 DG/UX Base System for AViiON
ORIG-ID: 03241

Module: KERNEL
Rev: 3.10

Problem Summary:

Panic 2000075 on aviion AV/8500 with DG/UX 5.4R3.10 with MU02.

Answer Summary:

Fixed with patch 133 for DG/UX 5.4R3.10 with MU02.

STR: INTL-1185 DG/UX Base System for AViiON
ORIG-ID: 4002290

Module: KERNEL
Rev: 3.10

Problem Summary:

System panic 57000132.

Answer Summary:

It was found that a bit got flipped in one of the memory frame table entries causing an internal hashing operation to fail. The kernel could not find the data it needed and therefore panicked. It is recommended that hardware be examined if this problem persists.

STR: NASC-21629 DG/UX Base System for AViiON
ORIG-ID: S782782

Module: KERNEL
Rev: 3.10

Problem Summary:

The system node name "dg29" panicked on May 18, 1995 at 05:57:19 (GMT) after being up for 29 days with a 105000003 panic. The "io_driver_demon" process running as VP k0:1 on JP5 took the panic.

Answer Summary:

The results from investigating the dump show that some software structures were corrupt which caused the panic. However, no evidence suggests that the corruption was the result of potential software bugs in handling the software structures. Transient hardware failure may be the cause of the problem.

STR: NASC-21449 DG/UX Base System for AViiON
ORIG-ID: U675830

Module: LINT
Rev: 3.10

Problem Summary:

Getting many errors when running 'lint' on a simple C program which includes '#include <stdio.h>' and '#include <signal.h>'. The environment includes DG/UX revision 5.4.R3.10.

Answer Summary:

This problem is fixed in the version of lint(1) that will ship with the Software Developer's Kit Release 4.10 product.

STR: NASC-21984 DG/UX Base System for AViiON
ORIG-ID: U719706

Module: LPNET
Rev: 3.00

Problem Summary:

Intermittently lpNet will core dump.

Answer Summary:

The problem you reported is fixed in lpNet that will ship with DG/UX R4.11.

STR: NASC-22050 DG/UX Base System for AViiON
ORIG-ID: U754624

Module: LPSCHED
Rev: 3.10

Problem Summary:

If a remote printer is defined as connection type "Remote to system other than DGUX" and the remote printer name has a "-" in it, the print request will fail saying that there is no entry in the Systems file.

Answer Summary:

The problem you reported is fixed in lpsched(1M) which will ship with DG/UX R4.11.

STR: NASC-21978 DG/UX Base System for AViiON
ORIG-ID: U735533

Module: LPSTAT
Rev: 3.10

Problem Summary:

When there is a corrupt /etc/lp/printers/printer_name/configuration file, the lpstat doesn't continue after the bad configuration file.

Answer Summary:

The problem you reported is fixed in lpstat(1) that will ship with DG/UX R4.11.

STR: NASC-21801 DG/UX Base System for AViiON
ORIG-ID: U720956

Module: PMTD
Rev: 3.10

Problem Summary:

Since revving up to DG/UX 5.4R3.10 dump2 backups using /dev/pmt devices take about 3 or 4 times as long to accomplish as they did under DG/UX 5.4R2.xx.

Answer Summary:

This problem is corrected in the version of pmt that will ship with DG/UX Release 4.11.

STR: NASC-21012 DG/UX Base System for AViiON
ORIG-ID: U628769

Module: RLOGIN
Rev: 3.00

Problem Summary:

After installing MU03 on our 5.4R3.00 system, intermittently if a user rlogins to another host then exits back to the local system, and then runs a program, if the user enters an invalid data entry, the program loops forever.

Answer Summary:

This problem is corrected in the libc modules that will ship with DG/UX revision 4.10.

STR: NASC-21505 DG/UX Base System for AViiON

Module: SCCS

ORIG-ID: U683993

Rev: 3.10

Problem Summary:

Error: "ERROR [sccs_dir/s.filename]: cannot create lock file (cm4)" when a member of sccs_dir group tries to check out a version of an SCCS file on DG/UX revision 5.4.R3.10. This does work on DG/UX 5.4.R3.00.

Answer Summary:

Sccs works consistently between 3.0, 3.1, and 4.1. You do need to place a reference to a shell within the scripts. You also need to make sure the scripts have the change user ID upon executing bit turned on. This setup will allow users within the same group to do gets and deltas using the scripts.

STR: NASC-21742 DG/UX Base System for AViiON

Module: SCRIPT

ORIG-ID: U708660

Rev: 3.10

Problem Summary:

The 'script' command adds strange characters to typescript when editread is active.

Answer Summary:

When script(1) runs, everything will be copied into the typescript file. This includes escape sequences that programs send to your terminals. The strange characters you see in the typescript file are the escape sequences used by editread(5). Thus when you edit or print the script file, it may be full of "junk." This is expected behavior.

STR: NASC-21785 DG/UX Base System for AViiON

Module: SED

ORIG-ID: U716777

Rev: 3.10

Problem Summary:

I have found a problem with the sed(1) command in that its operation does not conform to the man page.

Answer Summary:

The sed(1) man page has been corrected in DG/UX R4.11 to properly document the description of context address.

STR: NASC-21754 DG/UX Base System for AViiON

Module: SH

ORIG-ID: U714065

Rev: 3.10

Problem Summary:

The pwd command does not function correctly when the permissions of the filesystem directory are set to 711.

Answer Summary:

The text of your problem report indicates that you are using the Bourne shell. In DG/UX R4.11 we have modified the Bourne shell's built-in pwd command to work in \$HOME, even without read access to the parent directory.

STR: NASC-21851 DG/UX Base System for AViiON

Module: SYSADM

ORIG-ID: U729769

Rev: 3.10

Problem Summary:

When creating a s/w mirror through sysadm, it will list entries for the physical disks even though you cannot mirror them.

Answer Summary:

The problem you reported is fixed in sysadm(1M) that will ship with DG/UX R4.11. sysadm(1M) will no longer display virtual disks of type physical as possible virtual disks to mirror.

STR: NASC-22081 DG/UX Base System for AViiON

Module: SYSADM

ORIG-ID:

Rev: 3.10

Problem Summary:

Maintenance Update 02 (5.4R3.10) Problems with the sysadm on this software have been announced earlier, but I believe this one is new, or has new symptoms.

Answer Summary:

The problem you reported is fixed in standalone sysadm which will ship with DG/UX R4.10.

STR: EURO-616507022DG/UX Base System for AViiON

Module: SYSLOG

ORIG-ID:

Rev: 3.10

Problem Summary:

If "inetd -d" is typed then a "ps -ef" shows that no inetd process is running. If just "inetd" is typed, then the inetd process does run successfully.

Answer Summary:

This problem is corrected in the version of the commands and libraries that will ship with DG/UX Release 4.10.

STR: EURO-618203368DG/UX Base System for AViiON

Module: TAR

ORIG-ID: TAR BUFFER, N

Rev: 3.10

Problem Summary:

If the tar cmd "tar -cvbf 20 /dev/rmt/xxn" is used to dump 2 tape files onto a tape array then the cmd "tar -cvf /dev/rmt/xxn will fail on attempting to load the second tape file. Also the mt -f/xxx rewind/status will fail after dump.

Answer Summary:

Problem maybe avoided by using 'b' flag on the tar command line when reading the tape which was written with block factor other than the default (32). Problem is caused by the tape drive that violates SCSI specification as shown by the trace. The tape drive drops a REQ before initiator asserting an ACK in SCSI STATUS or MESSAGE IN phase.

STR: NASC-21551 DG/UX Base System for AViiON
ORIG-ID: 430799

Module: TAR
Rev: 3.10

Problem Summary:

When running a "tar" extract command on a Sparc and writing data to an NFS-mounted AViiON file server, the files and directories are created with original ownership and permissions.

Answer Summary:

The behavior described is the correct behavior for this environment.

STR: GER-15351 DG/UX Base System for AViiON
ORIG-ID: 3102737

Module: TERMINFO
Rev: 3.10

Problem Summary:

Is2 string for terminal type vt220-8 sets 7 bit command mode instead of 8 bit

Answer Summary:

This problem is corrected in the vt220-8 terminfo entry which will ship with DG/UX R4.11.

STR: NASC-22045 DG/UX Base System for AViiON
ORIG-ID: U754576

Module: TTYMON
Rev: 3.10

Problem Summary:

The login banner does not display automatically on a vtc port.

Answer Summary:

When connect-on-carrier is set for a port service on the VTC, the login(1) command is invoked immediately when CD is raised. The banner displayed is the one provided within login. There are no plans to enhance either login(1) or ttymon(1M) to provide the contents of the /etc/issue file in this case.

STR: HOLL-531 DG/UX Base System for AViiON
ORIG-ID:

Module: UNKNOWN
Rev: 3.00

Problem Summary:

System hang on av/5225 dgux rev. 5.4R3.00 MU02. Bringing down the system with 'init 1' resulted in a hang in 'dg_kill lmgrd'.

Answer Summary:

This problem cannot be analyzed without obtaining the dump taken when this hang occurred. Since the dumptape has not arrived, this STR must be closed. If this problem persists, please obtain a dump and submit a new STR.

STR: FRA-1193 DG/UX Base System for AViiON
ORIG-ID: 84-165

Module: UNKNOWN
Rev: 3.10

Problem Summary:

Panic 11200002 under DG/UX 5.4R3.10 on AV/9500 Memory dump and kernel image attached.

Answer Summary:

The dumptape provided for this STR cannot be located so this problem cannot be analyzed. Records indicate that the tape did arrive on June 12, 1995 at the RTP location but it cannot be found. Since this is the only occurrence of this panic, this STR is closed. If the problem occurs again, please submit a new STR. We apologize for any inconvenience this has caused you.

STR: NASC-21970 DG/UX Base System for AViiON
ORIG-ID: E447524

Module: UUCP
Rev: 3.10

Problem Summary:

Problem with uucp automatically adding a "/" to the end of the pathname when xfering multiple files.

Answer Summary:

The problem you reported is fixed in uucp(1) that will ship with DG/UX R4.11.

STR: NASC-21877 DG/UX Base System for AViiON
ORIG-ID: U730102

Module: VIPW
Rev: 3.10

Problem Summary:

Vipw utility intermittently fails to write new users to the /etc/passwd file, even though the new user info was written to the /tmp/ptmp file. No errors are reported, but the new entries not in the /etc/passwd file.

Answer Summary:

This problem is correct in the version of vipw(1M) that will ship with DG/UX R4.11.

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

STR: NASC-21892 DG/UX GNU C for AViiON
ORIG-ID: U735416

Module: N/A
Rev: 2.58

Problem Summary:

Cannot run a curses executable in a subshell while the same executable can be run in user's login shell. The environment included DG/UX 5.4R3.10 with gcc version 2.5.8.

Answer Summary:

The sh command is a Bourne shell command not a subshell. Use ksh or csh when in those shells to run a program. Please refer to man pages for sh, ksh, and csh. Also refer to pages 4-1 thru 4-3 of Porting and Developing Applications for the DG/UX System.

DG/UX NFS for AViiON Model: C002A

STR: NASC-21009 DG/UX NFS for AViiON

Module: N/A

ORIG-ID: U631284

Rev: 3.00

Problem Summary:

When a user tries to use an automount mountpoint that cannot be mounted, the errors that are reported to the user are not at all meaningful.

Answer Summary:

Unfortunately the types of error messages you are seeing from various commands is about the best that can be done when an automount fails. The automounter itself has no access to the user's tty to be able to give the user direct feedback that the real failure of the command is due to a failed mount. It does its best by printing messages in syslog.

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

STR: EURO-614002442DG/UX Package for AViiON (pre-Rev 5.4)

Module: N/A

ORIG-ID:

Rev: 3.10

Problem Summary:

Since uprevving from dgux 5.4.2.10 to 5.4.3.10 and x25 2.30 to 3.00, users logging in via PAD have very bad response, at LAPB level, the aviion rejecting lots of frames. Other machines with same configuration, but old s/w revs are ok.

Answer Summary:

This problem being experienced is due to a hardware problem on the AV46xx family of machines when using the integrated sync board. Using a VSC3i board or upgrading to a AV5500 is recommended.

STR: EURO-618115083DG/UX Package for AViiON (pre-Rev 5.4)

Module: TAR

ORIG-ID:

Rev: 3.10

Problem Summary:

If you tar to a disk file that already exists, and the new file is smaller than the existing file, then the file is overwritten but ls -al shows the size to still be that of the original.

Answer Summary:

The problem you reported is fixed in the version of "tar" that will ship with DG/UX Revision 4.11.

DG/UX TCP/IP for AViiON Model: C001A

STR: NASC-21245 DG/UX TCP/IP for AViiON
ORIG-ID: E441902

Module: N/A
Rev: 3.10

Problem Summary:

An AV9500 8 way with 7 VTCs will fail to load one, several, or all of the VTCs on run level change. They can then be loaded separately with a tload command.

Answer Summary:

We understand that this is no longer a problem. As we agreed, we are closing this STR.

STR: NASC-21924 DG/UX TCP/IP for AViiON
ORIG-ID: U724705

Module: N/A
Rev: 3.10

Problem Summary:

TCP/IP problem with socket program. ACCEPT is returning "system call interrupted".

Answer Summary:

This problem is with the application's signal handler. The accept() aborts when it receives a signal because the signal handler has not been set up to restart system calls. We understand that you have followed our recommendations for modifying the application so that the signal handler will specifically restart system calls when receiving a signal and that has resolved the problem.

STR: NASC-21945 DG/UX TCP/IP for AViiON
ORIG-ID: U738118

Module: KERN-INET
Rev: 3.10

Problem Summary:

The wrong route in the routing table is being selected. We are using subnetting and are trying to route to another subnet.

Answer Summary:

This problem is corrected in the version of the TCP/IP kernel libraries that will ship with DG/UX Release 4.10.

STR: NASC-21935 DG/UX TCP/IP for AViiON
ORIG-ID: U738020

Module: KERN-PEFN
Rev: 3.10

Problem Summary:

When file systems are NFS mounted on systems on an FDDI ring, intermittently files get corrupted when they are copied. This is a continuation of STR NASC-21236.

Answer Summary:

Per your agreement, this STR is being closed since you are no longer experiencing this problem after applying the SUN FDDI patches.

STR: NASC-21939 DG/UX TCP/IP for AViiON
ORIG-ID: U740503

Module: TCPDUMP
Rev: 3.00

Problem Summary:

The tcpdump command seems to fail on token ring cards (vitr) if any kind of filter is requested.

Answer Summary:

This problem is corrected in the version of tcpdump that will ship with DG/UX Release 4.11.

DG/UX X Windows for AViiON Model: H001A

STR: NASC-19577 DG/UX X Windows for AViiON
ORIG-ID: U497147

Module: N/A
Rev: 3.00

Problem Summary:

Host timeout errors followed by an ncd login chooser box are returned when an Ncd xterminal tries to do an xdm direct query to a floating ip address on a system configured for ip takeover under 5.43 of DG/UX.

Answer Summary:

This will remain a restriction of xdm. We are examining ways to correct this problem in some future revision, but for now we suggest that you employ Multipath LAN I/O if you want backup for your LAN cards. Xdm from MIT does not support any sort of failover or multiple-address configuration.

STR: NASC-21331 DG/UX X Windows for AViiON
ORIG-ID: U647142

Module: N/A
Rev: 3.10

Problem Summary:

Uprev of DGUX causes xdm to listen on a different IP address, causing failure of xterminal logins.

Answer Summary:

This will remain a restriction of xdm. We are examining the possibilities of correcting this limitation in a future revision of X11, but for now we suggest that you use Multipath LAN I/O if you wish to have a backup LAN card in your system. Xdm from MIT does not support failover or any other multiple-address configuration.

FTAM for AViiON Systems Model: C095A

STR: AUSC-10236 FTAM for AViiON Systems
ORIG-ID: MARGARET PITT

Module: N/A
Rev: 0.00

Problem Summary:

The customer cannot get FTAM to work between the aviion and a MV system.

Answer Summary:

This problem seemed to be caused by a mismatch in the configurations between the two machines. AV/FTAM and OSIP are case sensitive the NSAP and selectors must match the case sent by the MV. Looking at an OSIP trace will show the selectors that are in use.

STR: EURO-618104510FTAM for AViiON Systems
ORIG-ID: FTAM FUNCTION

Module: N/A
Rev: 2.30

Problem Summary:

If called from within an application, does FTAM return standard error (0=good) as well as the STD-OUT & STDERR returns? How can it validate that the request is for valid (existing) filesystem? Can we check accesses made? By who? Logging?

Answer Summary:

Return values: FTxx commands return -1 for error 0 fr OK as well as providing output to stderr or stdout as appropriate. RFTAM provides logging but is only a diagnostic trace. This trace is very verbose and should not be left running all the time. You should check the FTAM programatic interface that is available. This may provide a better interface to meet your FTAM needs.

FrameMaker for AViiON Systems Model: A012B

STR: NASC-21999 FrameMaker for AViiON Systems
ORIG-ID: E447109

Module: XCLIPBOARD
Rev: 4.00

Problem Summary:

Unable to paste a graphic in a FrameMaker document if xclipboard is up. Getting "Internal error 0 in version 4."

Answer Summary:

The problem you reported is known to exist by Frame Corp. The workaround to this is to either not run xclipboard or use the following option in your .Xdefaults: Maker.unifyClipboards: False.

ICOBOL 2 for AViiON Systems Model: L031A

STR: EURO-724103131ICOBOL 2 for AViiON Systems

Module: N/A

ORIG-ID:

Rev: 2.02

Problem Summary:

Using icmakecx on one file causes the screen to hang, and on another causes a segmentation fault (and core dump).

Answer Summary:

We were unable to examine the .PD and .DD files that were included with this STR. They were corrupted.

STR: EURO-618116242ICOBOL 2 for AViiON Systems

Module: N/A

ORIG-ID:

Rev: 2.05

Problem Summary:

If an ICOBOL program tries to print to "/dev/lp" directly or via a PCQ entry get error E 33 (file is exclusively opened). (A fuser shows that nothing has /dev/lp open). (NB. /dev/lp is the parallel printer port. Serial ports are OK).

Answer Summary:

This problem is corrected in the icrun module that will ship with DG/UX ICOBOL 2 revision 2.08.

STR: NASC-21996 ICOBOL 2 for AViiON Systems

Module: N/A

ORIG-ID: U738137

Rev: 2.06

Problem Summary:

An ICOBOL 2 report program which normally runs in 3 to 5 minutes was taking over 8 hours to run before doing an ICFIXUP. Need the original data files analyzed to determine why it was taking so long.

Answer Summary:

12 of the 31 files that were submitted with this STR were corrupt. An ICCHECK run on all of the files showed several invalid key nodes and other problems. Also, the main file contained approximately 102,000 records, 101,000+ of which were deleted. A large number of deleted records in a file can dramatically impact performance.

Legato Networker for AViiON Model: Q017A

STR: EURO-615400548Legato Networker for AViiON

Module: N/A

ORIG-ID:

Rev: 0.00

Problem Summary:

Problems with the multi-client version of Legato Networker on DG/UX 5.4R3.0MU03. When trying to label a tape get error: ioctl invalid argument. This appears to occur on tapes which were last written on an uncompressed tape drive.

Answer Summary:

The problem you reported is fixed in the version of Networker that will ship with DG/UX Revision 4.10.

STR: NASC-21181 Legato Networker for AViiON

Module: NSRMM

ORIG-ID: U644571

Rev: 4.02

Problem Summary:

Initial attempt to access tape array via the nsrmm -l -f /dev/rmt/1n command gets an error: /dev/rmt/1n moving: bsf 1: No such device or address.

Answer Summary:

The messages described in this STR reports Networker non-critical device operations. These messages serve a useful purpose and will continue to be issued by NetWorker. However, in your particular case, these messages are completely harmless and can be ignored. They in no way effect the validity of your labeled tape.

NetWare Services for AViiON Systems Model: C020A

STR: NASC-22060 NetWare Services for AViiON Systems

Module: ENGINE

ORIG-ID: E448164

Rev: 3.00

Problem Summary:

Netware NW Engine hangs after adding a new Netware volume.

Answer Summary:

From looking at the Engine forced cores sent in, and understanding that the volume being accessed contained over 20,000 files, we believe NetWare was constructing information about the large volume, and was not hung. In addition to the time required to build the inodes files when NetWare comes up, the first time a user accesses a new volume, name space information must be initialized.

NetWare Transport for AViiON Systems Model: C021A

STR: NASC-21890 NetWare Transport for AViiON Systems
ORIG-ID: E446526

Module: N/A
Rev: 3.00

Problem Summary:

Data General Netware for AViiON documentation lists the NVT.VLM as a supported program. The program was not shipped to us and does not exist in the public directory.

Answer Summary:

As noted in section 6.2 of the Transport Release notice, any references to NVT.VLM should be disregarded. We contacted Novell and they currently have no plans to release an NVT.VLM.

STR: NASC-22003 NetWare Transport for AViiON Systems
ORIG-ID: U743752

Module: IPX
Rev: 2.10

Problem Summary:

System hang on AV4605.

Answer Summary:

At the time this problem occurred, the system was running a revision of NetWare for AViiON that is no longer supported. There were known problems with streams memory leaks with that revision of NetWare. We understand that you have up-rev'd to NetWare 3.00. If you encounter this problem in the future, please contact us to submit a new STR.

STR: NASC-21920 NetWare Transport for AViiON Systems
ORIG-ID: U737414

Module: IPX
Rev: 3.00

Problem Summary:

Netware For AViiON Systems software is causing a network broadcast storm which renders our network unusable.

Answer Summary:

NetWare's Routing IPX (RIPX) protocol was incorrectly setting the network number in the IPX packet when it had to send out that more than 50 servers were no longer visible. This problem is fixed in patch 42 to NetWare for AViiON revision 3.00, which we have provided to you.

STR: NASC-21980 NetWare Transport for AViiON Systems
ORIG-ID: U740448

Module: NETBIOS
Rev: 3.00

Problem Summary:

Panic 41000050 occurs when bringing down Portable Netware under DG/UX rev 3.10.

Answer Summary:

The panic occurred when NetWare tried to free streams memory more than once. This is a known problem when running NetWare for AViiON on the same system as Advanced Server for UNIX's NetBIOS/TCP. This problem is fixed with patch level 40 to NetWare for AViiON Systems revision 3.00, which has been provided to you.

STR: NASC-21953 NetWare Transport for AViiON Systems

Module: NWD

ORIG-ID: D447428

Rev: 3.00

Problem Summary:

If Netware Transport is configured with frame type of ETHERNET_802.2 and a module of PAD instead of ALIGN, the system panics with 112000002 when the transport is started.

Answer Summary:

Unfortunately, given the current architecture of the NetWare product, and the Sconsole program, it is not possible to improve on how this is handled. We have made every effort to document how to configure the various frame types we support in both the manual and on-line help in Sconsole. We think this is sufficient and the best we can do for now.

STR: NASC-21724 NetWare Transport for AViiON Systems

Module: SPX

ORIG-ID: U711753

Rev: 3.00

Problem Summary:

After upgrading from Release 2.30 Netware Transport to Release 3.00 Netware Transport, Oracle 7.1.4 fails to communicate correctly. The problem has been identified to be a t_accept system call which hangs; never returns.

Answer Summary:

NetWare's SPX was not setting the state of the stream correctly in the case of a timeout. We have changed DPX to properly change the stream state to IDLE. An application will now get a T_OUT-STATE TLI error on a t_listen, and can retry it if desired. This problem is fixed in patch 41 to NetWare for AViiON revision 3.00, which has been provided to you.

OpStar Optical Drive Pkg Model: A226A

STR: EURO-690100241OpStar Optical Drive Pkg

Module: N/A

ORIG-ID: 690100241

Rev: 2.00

Problem Summary:

When accessing the optical storage using cp the AViiON panic's with paniccode 176000000.

Answer Summary:

This problem is fixed in Opstar 2.01 release, which will be available by mid March.

PI/open for AViiON Systems (USA) Model: D061A

STR: NASC-21972 PI/open for AViiON Systems (USA)
ORIG-ID: U744826

Module: N/A
Rev: 3.60

Problem Summary:

ICONV() of D2/ not being properly recognized.

Answer Summary:

As we discussed, the D2/ conversion code for ICONV is not able to parse out a 6 digit date that has no delimiters between the month, day and year. The conversion code D2 MDY[2,2,2] should be used when entering dates without spaces or delimiters.

SNA 3270 FOR AViiON SYSTEMS Model: C012B

STR: EURO-610000113SNA 3270 FOR AViiON SYSTEMS
ORIG-ID:

Module: N/A
Rev: 3.10

Problem Summary:

Recent installation of SNA/SNA3270/QLLC on Aviion having problems when a high number of LU2 in session, all LUs drop and error message Sense Code 0822 errno 0145 is experienced. Problem getting worse by the day (probably more users)

Answer Summary:

This problem was resolved by changing the following X.25 parameters, as recommended by your network supplier: set T1 VAL to 100, set TPF VAL to 100, set TREJ VAL to 300, and set TBUSY VAL to 1000.

SNA FOR AVIIION SYSTEMS Model: C011B

STR: FRA-1188 SNA FOR AVIIION SYSTEMS
ORIG-ID: 75-7502750

Module: N/A
Rev: 4.00

Problem Summary:

From time to time, some of the TN 3270 pc client are hung when connected to the IBM HOST, and the 3270 screen remains with the clock on the bottom left corner (on the IBM side, the LU is up and OK) they've to disc./reconnect from PC side.

Answer Summary:

This str is being closed since the problem is no longer occurring. It appears that the problem stopped occurring after you installed patch levels sna_4.00.12 and 3270gw_2.00.6.

STR: FRA-1189 SNA FOR AVIION SYSTEMS

Module: N/A

ORIG-ID: 75-7502750

Rev: 4.00

Problem Summary:

The SNA server eats a lot of CPU time (system 67%, user 33%) even once the PC clients are disconnected.

Answer Summary:

This str is being closed since the problem is no longer occurring. It appears that the problem stopped occurring after you installed patch levels sna_4.00.12 and 3270gw_2.00.6.

STR: FRA-1190 SNA FOR AVIION SYSTEMS

Module: N/A

ORIG-ID: 75-7502750

Rev: 4.00

Problem Summary:

Frequently if a PC client disconnects and wants to re-connect, he receives the message "3270gw: SNDCHK/negative response received".

Answer Summary:

This str is being closed since the problem is no longer occurring. It appears that the problem stopped occurring after you installed patch levels sna_4.00.12 and 3270gw_2.00.6.

STR: FRA-1191 SNA FOR AVIION SYSTEMS

Module: N/A

ORIG-ID: 75-7502750

Rev: 4.00

Problem Summary:

They also receive 3270gw: SNDCHK/negative response received message when connected. At this time they are not disconnected, not hung, and can continue to work.

Answer Summary:

This str is being closed since the problem is no longer occurring. It appears that the problem stopped occurring after you installed patch levels sna_4.00.12 and 3270gw_2.00.6.

STR: FRA-1195 SNA FOR AVIION SYSTEMS

Module: N/A

ORIG-ID: PHONE PERMANE

Rev: 4.00

Problem Summary:

Can't connect to host TANDEM using "cross domain " option from IBM host using 3270GW and pc tn3270 emulator . It works using the DE3270 emulator.

Answer Summary:

You were not able to connect to the TANDEM host because tn3270gwy was not properly responding to a SIG (signal) request from the host. This has been fixed in patch level 3270gw_2.00.6.

STR: NASC-20665 SNA FOR AVIION SYSTEMS

Module: N/A

ORIG-ID: U589962

Rev: 4.00

Problem Summary:

Error from de3270 "****error: : RCVCKK received. Sense code: RCVRU_PTR->PRU->Sense = 200a0000****".

Answer Summary:

This problem is fixed in patch level sna_4.00.14, which is on the enclosed media.

SNA RJE FOR AVIION SYSTEMS Model: C013B

STR: NASC-21894 SNA RJE FOR AVIION SYSTEMS

Module: N/A

ORIG-ID: U735604

Rev: 4.00

Problem Summary:

RJE dumps core when a non root user ID below 100 attempts to start RJE.

Answer Summary:

RJE is designed to be started and stopped by a root user, and an attempt to start the process by any other user is invalid. The process you developed of starting RJE with an rc script at init level 3 before connecting to the host is a valid process. This allows you to avoid the issue of the root user restriction.

TermServer SW TCP/IP w/SNMP Model: 30071

STR: EURO-615500880TermServer SW TCP/IP w/SNMP

Module: N/A

ORIG-ID:

Rev: 0.00

Problem Summary:

Customer has experienced a number of IAC Failure, error 34037, with ITC 128-A dropping, and individual lines (printers on PVCs) dropping, with IAC failure reported on Master console, but no error code. Problem is becoming URGENT.

Answer Summary:

This panic was due to a line close/open race condition on the LAN portion of the ITC. This problem was corrected by the pre-patched TCPIP_128A_IMAGE.PR that has already been provided to you. That file was pre-patched with the 60011_128A_RACE_PAT.

Uniplex II Plus - Americas Model: A020B

STR: UKSC-61820 Uniplex II Plus - Americas

Module: N/A

ORIG-ID:

Rev: 5.40

Problem Summary:

Netware 1.40 Pk 10 (DG/UX 5.4.2): NVT and TCP processes seem to stay around un-naturally long periods, and the NVT ones seem to gradually take increasing amounts of cpu time until system finally needs re-booting or processes killed.

Answer Summary:

This problem has been fixed in Uniplex Business Software V8.00 which should be available from Data General the Summer of 1995.

VMARK uniVerse Model: D055A

STR: EURO-616600694VMARK uniVerse

Module: N/A

ORIG-ID:

Rev: 7.32

Problem Summary:

When running a small program which opens a lot of files via Q pointers, universe appears to hang, but is actually gobbling up memory. Vmark already working on the problem. Happens at 7.31 and 7.32. See sample program.

Answer Summary:

Through our qualification of release 8.3.1 we have verified that this problem no longer exists when tested in our lab with the provided materials. If you continue to experience this problem after upgrading, please contact your Customer Support Center.

STR: EURO-616601534VMARK uniVerse

Module: N/A

ORIG-ID:

Rev: 7.32

Problem Summary:

If the field definition of a dictionary item contains an expression containing 'LT' 'GT', 'NE' etc. then the expression is not calculated correctly. GTAR 14724.

Answer Summary:

Vmark has closed GTAR 14724. In the uniVerse BASIC manual under A codes, the only recognized algebraic functions for A correlatives are the relational operators (i.e. =, <, >, #) The GT, LT, and NE keywords are to be used in I-descriptors not A-correlatives.

STR: EURO-617109877VMARK uniVerse
ORIG-ID:

Module: N/A
Rev: 7.32

Problem Summary:

In BASIC, using INPUT to accept the date, only a max of 11 characters should be allowed. If 150 characters are entered, get "fault type 10,layer type is BASIC run machine". GTAR 14959.

Answer Summary:

Through our qualification of release 8.3.1 we have verified that this problem no longer exists when tested in our lab with the provided materials. If, after you upgrading you continue to experience this problem please contact your Customer Support Center.

STR: NASC-19661 VMARK uniVerse
ORIG-ID: U508870

Module: N/A
Rev: 7.32

Problem Summary:

COPY FROM VOC ALL TO VOC1 OVERWRITING indicates that the COPY worked, but it doesn't when under INFORMATION.

Answer Summary:

TO is not treated as a reserved word in uniVerse. Therefore, the reproducible case you provided is valid and copies records from VOC to VOC1. TO is treated as a record ID. In addition, in using the OVERWRITING option, you avoided the errors that you would have received indicating that VOC was copying itself.

STR: NASC-21815 VMARK uniVerse
ORIG-ID: U722938

Module: N/A
Rev: 8.31

Problem Summary:

A terminal is locked up when trying to log out with OFF command. The OFF command was issued after stopping and starting a printer spooler. The environment included uniVerse version 8.311.

Answer Summary:

In the User Reference Guide for 8.3.1 it states that the OFF command works differently on Berkley systems than on System V systems. DG/UX is a System V system. The documentation states, "On UNIX System V systems, OFF returns to the system login prompt." "...when you use OFF as a verb, OFF is a synonym for the LOGOUT command."

X.25 for AViiON Systems Model: C008A

STR: NASC-21410 X.25 for AViiON Systems

Module: N/A

ORIG-ID: E443012

Rev: 3.00

Problem Summary:

Unable to add more than nine PVCs to an x25 subnet due to a problem in the x25net.utils script.

Answer Summary:

The problem in the x25net.utils script is fixed in X25 revision 3.10.

STR: NASC-21636 X.25 for AViiON Systems

Module: N/A

ORIG-ID: U694938

Rev: 3.00

Problem Summary:

The /usr/adm/acct/sum/rprt* files generated by sysadm accounting incorrectly report login information for users who log into the system via X.25/PAD.

Answer Summary:

This was a problem with how the /etc/utmp entry was being set up by the pad daemon. This is fixed in X25 Revision 3.10 due out late Fall of 1995.

x.desktop for AViiON Systems Model: R073A

STR: NASC-21917 x.desktop for AViiON Systems

Module: COLOR SELECTO

ORIG-ID: U732015

Rev: 3.10

Problem Summary:

Error: Xerror of failed request: after trying to change the background color with 'Color Selector'.

Answer Summary:

24-bit graphics are currently not supported by X.desktop. This problem was reproduced by the vendor on a 24-bit TrueColor display.

STR: NASC-21943 x.desktop for AViiON Systems

Module: PRETRASH

ORIG-ID: E447005

Rev: 3.50

Problem Summary:

Root user cannot trash out directories which are not writable by root inside the X.desktop. An error message of "You cannot trash this icon" is given. The X.desktop version 3.5 is used.

Answer Summary:

The root user's inability to remove files and directories which do not belong to root is a design characteristic of X.desktop.

SECTION 2:
Product Revision List

OPEN SYSTEMS

SOFTWARE REVISION LIST

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

Table 1:

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
3270 CLIENT GATEWAY for DG/UX	C189A	2.00	00	12/94	
3270 PC GATEWAY	C189A	2.00	00	12/94	
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 IMAGE/ARS	D099A &	2.00	00	08/95	
AV IMAGE/ARS FOR ADVANCED PICK	D090A	2.00	00	08/95	
AV IMAGE/ARS FOR PI/OPEN	D091A	2.00	00	08/95	
AV IMAGE/ARS FOR UNIDATA	D092A	2.00	00	08/95	
AVIMAGE/ARS FOR UNIVERSE	D093A	2.00	00	08/95	
AVIMAGE/ARS VIEW CLIENT	D100A	2.00	00	08/95	
AV IMAGE CLIENT	A330B	1.50 1.01	00 00	6/95 4/94	12/95

Table 1:

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
AV IMAGE DB LINK CLIENT	A330A	1.50 1.01	00 00	6/95 4/94	12/95
AV IMAGE INGRES DB LINK	A326A	1.50 1.0	00 00	6/95 11/93	12/95
AV IMAGE INFORMIX DB LINK SERVER	A327A	1.50 1.0	00 00	06/95 11/93	12/95
AV IMAGE SCAN CLIENT	A476A	1.50	00	06/95	
AV IMAGE LINK VIEW	A501A	1.50	00	06/95	
AV IMAGE LINK SCAN	A502A	1.50	00	06/95	
AV IMAGE ORACLE DB LINK	A324A	1.50 1.01	00 00	06/95 12/93	12/95
AV IMAGE SERVER	A323A	1.50 1.01	00 00	6/95 4/94	12/95
AV IMAGE SCANNER (100-users)	A329B	1.01	00	5/94	
AV IMAGE SYBASE DB LINK	A325A	1.50 1.0	00 00	06/95 11/93	12/95
AV IMAGIZER TOOLKIT	A367	1.0	00	11/93	
AV OBJECT OFFICE/MS- WINDOWS	A091A	1.00	00	08/91	
AV OFFICE ADD-ON ENGLISH (AMERICAS)	A103A	1.20	00	09/93	
AV OFFICE DOCCONVERT MICROSOFT WORD MAC	A107A	1.00	00	09/91	
AV OFFICE DOCCONVERT MICROSOFT WORD/PC	A106A	1.00	00	09/91	

Table 1:

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
AV OFFICE DOCCONVERT MICROSOFT WORD/ WINDOWS	A108A	1.00	00	09/91	
AV OFFICE DOCCONVERT MULTIMATE	A109A	1.00	00	09/91	
AV OFFICE DOCCONVERT NAVY DIF	A111A	1.00	00	09/91	
AV OFFICE ENGLISH (AMERICAS)	A102A	1.20	00	09/93	
AV OFFICE FRENCH (CANADA)	A319A	1.00	00	12/92	
AV ONGO OFFICE CLIENT OSF/MOTIF UK	A417A	1.02 1.01	00 00	02/94 10/93	
AV ONGO OFFICE CLIENT	A336A	1.02	00	09/94	
AV ONGO SERVER	A335A	1.02	01	09/94	
AV ONGO CEO LINK	A342A	1.00	00	04/94	
AV ONGO PC VALUE PACK	A338A	1.00	00	04/94	
AV SYSCOPE PERF MONITOR	R062A	1.00	00	01/93	
AViON DISTRIBUTED LOCK MANAGER	Q042A	1.10	00	02/95	
BUSINESS BASIC FOR AViON	L005A	1.40 1.40	01 00	05/95 05/94	12/95
BUSINESS BASIC FOR 386/IX	L004A	1.20	00	05/92	

Table 1:

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
C++ (AT&T) - FOR SERVER	L018A	3.50	00	08/95	02/96
		2.1.2	00	05/92	
		2.2.1	00	10/91	
CMIP/CMIS AGENT FOR AViiON	C124A	3.10	00	01/93	
DCE CELL DIRECTORY SERVER	C173A	1.00	00	08/93	
DCE GLOBAL DIRECTORY SERVER	C174A	1.00	00	08/93	
DCE ENCRYPTION UTILITIES FOR AViiON	C176A	1.00	00	07/93	
DCE EXECUTIVE FOR AViiON	C177A	1.00	00	08/93	
DCE SECURITY SERVER	C172A	1.00	00	08/93	
DG/ADVANCED PICK FOR AViiON	D058A	6.10	12	06/95	
		6.1.8	00	11/94	
DG/ADVANCED SERVER for UNIX (formerly LAN MANAGER for AViiON)	C102A	3.00	00	06/95	01/96
		2.10	00	06/94	
DG ENTERPRISE PLATFORM	C205A	2.00	00	4/95	10/95
		1.00	00	12/94	
DG/NETBEUI FOR AViiON	C086A	1.10	01	11/93	
		1.10	00	03/92	
DG SORT/MERGE FOR AViiON	R042A	1.72	00	02/95	
		1.71	00	05/93	
DG/UNIVERSE (NON-USA)	D063A	8.3.1.1	00	02/95	08/95
		7.3.3.1	00	08/94	
DG/UNIVERSE (USA)	D055A	8.3.1.1	00	02/95	08/95
		7.3.3.1	00	08/94	

Table 1:

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
DG/UX CLARiON MANAGER	Q046A	1.10 1.00	00 00	04/95 12/94	10/95
DG/UX MANAGER	Q048A	2.00 1.00	00 00	4/95 12/94	10/95
DG/UX OPERATING SYSTEM	Q501A P001A Q001A	5.4 5.4	3.10 3.00	09/94 02/94	09/95
- B1 TRUSTED	Q012A	5.4 5.4	3.10 3.00	09/94 03/94	09/95
- C2 TRUSTED	Q011A	5.4 5.4	3.10 3.00	08/94 03/94	09/95
DG/UX OPTICAL DRIVER SUITE	R110A	1.00	00	03/95	
DG/UX X.25 FOR AViON	C008A	3.00	00	04/94	
386/IX ONC/NFS	C005B	2.00	00	10/89	
DG/UX TAPE INTERCHANGE UTILITIES	R032A	1.00	00	04/91	
DYNACOMM ASYNCH	C147A	3.11 3.10	00 03	09/94 06/93	
EXPRESS-TRACK	A497A	1.00	00	06/95	
FONT SERVER FOR 5921 X-TERMINALS	R064A	6.31	00	03/94	
FRAMEMAKER 4.0	A012D A169D A170D	4.0	00	04/95	
FRAMEMAKER DOCUMENT FILTER	A008D	4.00	00	12/94	
FRAMEMAKER 3.0 ENGLISH FLOATING	A012C	3.10	00	03/92	

Table 1:

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
FRAMEMAKER 3.0 FIXED LIC. ENGLISH	A169A	3.10	00	03/92	
FTAM FOR AViiON	C095A	3.30	00	08/93	
GNU TOOLS FOR AViiON	R028A	2.00	00	09/92	
GNU C COMPILER	P001A-C	2.5.8.1 2.4.5.6	00 00	09/94 02/94	09/95
GREENHILLS C-88000	L001A	1.87 1.86 1.85	00 00 00	05/94 03/92 08/90	
GREENHILLS FORTRAN-88000	L002A	1.87 1.86 1.86 1.85	00 01 00 01	05/94 02/93 03/92 08/90	
GREENHILLS PASCAL-88000	L003A	1.87 1.86 1.86 1.85	00 01 00 01	05/94 02/93 03/92 08/90	
ICOBOL 2 FOR AViiON	L031A	2.00 2.00	02 00	10/94 06/94	
ICOBOL 2 FOR I/UNIX	L033A	2.00 2.00	02 00	10/94 06/94	
ICOBOL2 RUNTIME FOR AViiON	L032A	2.00 2.00	02 00	10/94 06/94	
ICOBOL 2 RUNTIME FOR I/UNIX	L034A	2.00 2.00	02 00	10/94 06/94	
INFOS CONNECTION SERVER FOR AViiON	D057A	1.10	00	02/91	
INFORMIX DB LINK SERVER	A327A	1.10	00	12/93	
INGRES DB LINK SERVER	A326A	1.10	00	09/94	

Table 1:

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
INTERACTIVE COBOL RUNTIME FOR 386/IX	L014A	1.70	00	08/91	
LEGATO NETWORKER for AViiON	Q017A	4.02 4.00	00 00	09/94 03/94	
LEGATO NETWORKER JB MODULE	Q062A	4.02	00	03/95	
MEDARCHIVE for AViiON	A445A	3.40 3.31 3.30 3.30	00 00 02 00	04/95 01/95 06/94 01/94	12/95 12/95 12/95
MEDSCAN forAViiON	A446A	2.10 2.0	00 00	04/95 01/95	12/95
MICROFOCUS COBOL-2 FOR AViiON	L013A	3.20 1.30	00 00	04/95 12/92	11/95
MICROFOCUS COBOL/2 RUNTIME	L027A	3.20 3.11	00 00	04/95 05/94	10/95
MICROFOCUS COBOL/ 2 WITH TOOLBOX	L030A	3.11	00	05/94	
MHS FOR AViiON	C136A	1.20	00	04/93	
MHS GATE FOR AViiON	C162A	1.00	00	03/93	
MICROFOCUS COBOL/ 2 RUNTIME	L027A	3/11	00	05/94	
MICROFOCUS COBOL/ 2 with TOOLBOX	L030A	3/11	00	05/94	
MV DATA CENTER MANAGER FOR AViiON	R045A	1.00	00	01/92	
MXDB FOR AViiON	R007A	3.00	00	04/94	
NCD X-TERMINAL BOOT TAPE	R054A	3.11	00	03/94	
HOST XREMOTE FOR NCD XTERMINALS	R072A	2.48	00	06/94	

Table 1:

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
NETBIOS/TCP/IP FOR AViON	C166A	1.10	00	06/94	
NETINFO FOR AViON	C169A	3.00	00	01/93	
NETWARE (4.X)	C131D	4.10	00	02/95	
NETWARE SERVICES FOR AViON	C020A	3.00	00	07/94	
NETWARE TRANSPORT FOR AViON	C021A	3.00	00	07/94	
ONC/NFS SYSTEM FOR AViON	C002A	5.4 5.4	3.10 3.00	09/94 02/94	09/95
OPENMAC/SERVICES FOR AViON	C148A	1.10	00	06/92	
OPENVIEW Dist Mgmt Dev. Kit	C192A	1.00	00	07/94	
OPENVIEW Dist Mgmt Platform	C191A	1.00	00	07/94	
OPENVIEW Network Mode Manager	C190A	1.00	00	07/94	
OPENVIEW SNMP Dev. Kit	C193A	1.00	00	07/94	
OPSTAR OFM	A226A	2.00 1.60	00 00	09/94 09/93	
OPSTAR OPTICAL DISK JB PKG	A227A	2.01	00	03/95	
OPSTAR OPTICAL DRIVE PKG	A226A	2.01	00	03/95	
OPSTAR VFM	A227A	1.60	00	09/93	
ORACLE DB LINK SERVER	A324A	1.00	00	11/93	
OS/EYE*NODE	C161A	1.00	02	02/94	

Table 1:

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
OSI/PLATFORM FOR AViiON	C094A	3.30	0	08/93	
PI/OPEN NON-USA	D062A	3.50	00	06/94	
PI/OPEN USA	D061A	3.50	00	06/94	
QLLC FOR AViiON	C168A	3.20	00	03/93	
RBCS FOR AViiON	C181A	1.00	00	09/93	
SAROS DOCUMENT MANAGER	A440A	1.10 1.0	00 00	01/95 05/94	12/95
SCO UNIX OS INTERNATIONAL	Q026A	4.20	00	10/93	
SDLC FOR AViiON	C010B	3.20	00	07/94	
SECURE RPC FOR AViiON	R010A	4.30	00	07/90	
SNA FOR AViiON	C011B	4.00	00	05/94	
SNA 3270 FOR AViiON	C012B	3.10	00	12/92	
SNA RJE FOR AViiON	C013B	4.00	00	02/94	
SNA TOKEN RING FOR AViiON	C121A	3.10	00	11/92	
SOFTPC	A001B	3.00	00	12/93	
SYBASE DB LINK SERVER	A325A	1.00	00	05/94	
TCP/IP FOR AViiON	C001A	5.4 5.4	3.10 3.00	09/94 02/94	09/95
TUXEDO SYSTEM/T KERBEROS	Q039A	2.00	00	07/94	
TUXEDO SYSTEM/WS KERBEROS	Q040A	2.00	00	07/94	
TUXEDO SYSTEM/T FOR AViiON	Q013A	4.20 4.00	00 00	07/94 03/92	

Table 1:

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
TUXEDO SYSTEM/VIS FOR AViiON	Q014A	4.20 4.00	00 00	07/94 03/92	
UIM/X FOR AViiON	R033A	2.50	00	09/93	
VTP FOR AViiON	C096A	3.30	00	07/93	
WESTERN EUROPEAN SYSTEM MESSAGES	Q019A	3.0	00	06/94	
WINTRACK/SYBASE CLIENT	A496A	4.90	00	06/95	
X.400 FOR AViiON	C098A	4.00	00	04/94	
XTP FOR AViiON	C167A	1.00	00	01/93	
X WINDOWS (AViiON)	H001A	5.4 5.4	3.10 3.00	09/94 02/94	09/95

SECTION 3:
Comment Form

NEWSLETTER COMMENTS FORM

Your Name: _____

Your Title: _____

Company Name: _____

Street: _____

City: _____ State: _____ Zip: _____

Account Number: _____

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) _____

WOULD YOU BE INTERESTED IN RECEIVING THE NEWSLETTER IN CD-ROM FORMAT INSTEAD OF HARDCOPY FORMAT? Y(es)/N(o) _____

COMMENTS: _____

-----**(Fold along this line, staple to close, and add a stamp)**-----

**Data General Corporation
Customer Support Center
Newsletter Editor
1626 Jeurgens Court
Norcross, Georgia 30093
USA**

-----**(Fold along this line)**-----