
***Data General
Open Systems
Support Newsletter***

**Data General Corporation
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Table of Contents

Section 1: Open System STRs	1-1
API LU 0,1,2,3 FOR AViiON Systems Model: C015B.....	1-1
API LU 6.02 FOR AViiON Systems Model: C014B.....	1-1
AV Image DB Link Client Model: A330A	1-1
AV Office Mail for AViiOn - Americas Model: A102A.....	1-2
AV Office Windows - Americas Model: A112A.....	1-4
Advanced Pick for AViiON Model: D058A.....	1-4
B1 Trusted DG/UX Model: Q012A	1-6
C ++ for AViiON Systems - Multiuser Model: L018A	1-6
C2 Trusted DG/UX Model: Q011A	1-7
DG/UX Base System for AViiON Model: Q501A.....	1-7
DG/UX GNU C for AViiON Model: P001A-C.....	1-32
DG/UX Motif for AViiON Model: A084A.....	1-32
DG/UX NFS for AViiON Model: C002A.....	1-33
DG/UX Package for AViiON (pre-Rev 5.4) Model: P001A	1-34
DG/UX TCP/IP for AViiON Model: C001A.....	1-35
DG/UX X Windows for AViiON Model: H001A	1-36
ICOBOL 2 for AViiON Systems Model: L031A.....	1-36
ICOBOL for AViiON Systems Model: L007A.....	1-37
International Multi-User DG/UX Model: 31055.....	1-37
Legato Networker for AViiON Model: Q017A.....	1-37
MHS for AViiON Systems Model: C136A.....	1-39
Micro Focus COBOL w/Toolbox for AViiON Model: L030A	1-39
NetWare Transport for AViiON Systems Model: C021A	1-40
OSI/Platform for AViiON Systems Model: C094A.....	1-40
OpStar Jukebox Control Library Model: A229A.....	1-41
PI /open for AViiON Systems (USA) Model: D061A.....	1-41
SNA for AViiON Systems Model: C011B	1-41
SoftPC (DOS Emulator) forAViiON Systems Model: A001B	1-42
TermManager SW Model: 31489.....	1-42
VMARK uniVerse Model: D055A	1-43
Section 2: Product Revision List	2-1
Section 3: Newsletter Comment Form	3-1

SECTION 1:
Open System STRs

API LU0,1,2,3 FOR AVIION SYSTEMS Model: C015B

STR: NASC-20993 API LU0,1,2,3 FOR AVIION SYSTEMS
ORIG-ID: U635469

Module: N/A
Rev: 3.10

Problem Summary:

Warnings from C compiler when compiling with the apilu03 header files.

Answer Summary:

As the compiler warnings indicate, the apilu03 include files do not use prototypes. However, this will have no impact on the functioning of your program. Also, you may be able to suppress these warnings by changing the switches on your compiler's command line. At this time we have no plans to modify the apilu03 header files to include prototypes.

API LU6.02 FOR AViION SYSTEMS Model: C014B

STR: NASC-20704 API LU6.02 FOR AViION SYSTEMS
ORIG-ID: U571134

Module: N/A
Rev: 3.10

Problem Summary:

cmunit() returns error 24, major code 01, minor code 00 when spaces are used in the symbolic destination name per the documentation.

Answer Summary:

The cmunit verb was returning an error 24 because you were using 9 spaces instead of 8 for the sym_dest_name argument. However, if you had used 8 spaces the cmunit verb would have incorrectly returned an error with major code 1, minor code 457. This problem is fixed in the patch apilu62_3.10.p01.

AV Image DB Link Client Model: A330A

STR: NASC-20490 AV Image DB Link Client
ORIG-ID: U579296

Module: N/A
Rev: 1.00

Problem Summary:

When we use the viewer to modify an image (rotate, deskew, etc), the wit file is not saved to the correct directory.

Answer Summary:

This problem was caused by incompatible .ini file settings. Correcting these settings resolved the problem. If you find that you do continue to experience this problem, please submit another STR and reference this one.

AV OFFICE for AViiON Systems - Americas Model: A102A

STR: NASC-14859 AV OFFICE for AViiON Systems - America
ORIG-ID: CCS STR 7

Module: N/A

Rev: 1.00

Problem Summary:

In an AV Office spreadsheet, a cell is defined to give an international date format (or any date format I think). No checking is done on the information put into this cell - a user can add text, and it is accepted.

Answer Summary:

This is the intended functionality of the product. The formats for the cells in the spreadsheet are dynamically set depending on the type of data entered.

STR: NASC-14860 AV OFFICE for AViiON Systems - America
ORIG-ID: CCS STR 8

Module: N/A

Rev: 1.00

Problem Summary:

In the AV Office word processor, if a user turns on an effect and accidentally hits the up arrow, the effect is immediately turned off at that point.

Answer Summary:

This is the intended functionality of the product. When you effect text, you can effect it as you type or you can effect text you have already entered but not both at the same time. The bolding was in effect while you were typing text, once you hit the up arrow you were no longer entering text so the effect was turned off.

STR: NASC-18529 AV OFFICE for AViiON Systems - America
ORIG-ID: U421229

Module: N/A

Rev: 1.20

Problem Summary:

The 1.20 release notice erroneously states that the janitor utility, `umd_clean`, must be run manually or from a cron job. This is no longer true; it is now working as documented when enabled through the Remote Mailbox menu.

Answer Summary:

This problem has been fixed in the next revision of the product, Uniplex Business Software Version 8, which replaces AV Office Version 1.20.

STR: NASC-19247 AV OFFICE for AViiON Systems - America
ORIG-ID: U458046

Module: N/A
Rev: 1.20

Problem Summary:

AVOffice 1.20 release notice states that the d1400i terminal is supported in VT220 8-bit emulation but it does not work in 8bit emulation.

Answer Summary:

This is a documentation error. The AV Office V1.20 Release Notice should have stated the D1400i terminal is supported in VT220-7bit emulation not 7bit. This will be corrected in future documentation related to the D1400i terminal definitions.

STR: NASC-20345 AV OFFICE for AViiON Systems - America
ORIG-ID: U573977

Module: N/A
Rev: 1.20

Problem Summary:

The AV Office 1.20 release notice should be more specific concerning the backup of diary files when upgrading from AV Office 1.10 to 1.20.

Answer Summary:

This problem has been fixed in the next revision of the product, Uniplex Business Software Version 8, which replaces AV Office Version 1.20.

AV OFFICE for AViiON Systems - Americas Model: A102A

STR: NASC-20380 AV OFFICE for AViiON Systems - America
ORIG-ID: U578429

Module: N/A
Rev: 1.20

Problem Summary:

An inappropriate selection is displayed by the Thesaurus.

Answer Summary:

We have determined this is an appropriate selection by the Thesaurus for the following reasons: If you check 'breast' with the Thesaurus and select the meaning 'being (n)' you will find 'feelings' listed as a replacement. This was verified by looking it up in "Roget's II: the New Thesaurus". We also checked other electronic thesauri and found 'breast' among the listed replacements.

AV Office Windows - Americas Model: A112A

STR: NASC-15416 AV Office Windows - Americas

Module: N/A

ORIG-ID: E416894

Rev: 1.10

Problem Summary:

Sites running Windows based AV Office cannot run DG/UX 5.4.2 without concern for receiving segmentation faults.

Answer Summary:

This problem has been fixed in AV Office revision 1.20.

STR: NASC-15808 AV Office Windows - Americas

Module: N/A

ORIG-ID: U216285

Rev: 1.10

Problem Summary:

The AV Office 1.10 Release Notice states under warnings that it is not recommended to upgrade DG/UX to 5.4.2 or it will result in segmentation errors.

Answer Summary:

This problem has been fixed in AV Office revision 1.20.

STR: NASC-16333 AV Office Windows - Americas

Module: N/A

ORIG-ID: E419339

Rev: 1.10

Problem Summary:

AVOffice Windows could receive Segmentation Faults running under DG/UX 5.4.2.

Answer Summary:

This problem has been fixed in AV Office revision 1.20.

Advanced Pick for AViiON Model: D058A

STR: NASC-18737 Advanced Pick for AViiON

Module: N/A

ORIG-ID: U433476

Rev: 6.00

Problem Summary:

There is no record count option for ACCESS commands which would indicate how many records to process for the ACCESS command being executed.

Answer Summary:

The record count option in Advanced PICK is called sampling. To select the first 100 items in the master dictionary, the following would be entered: ":select md sampling 100". This can also be used with more complicated ACCESS statements. For more information see "sampling" in the Advanced PICK reference manual.

STR: NASC-20768 Advanced Pick for AViiON
ORIG-ID: U597210

Module: N/A
Rev: 6.00

Problem Summary:

Page ejects are not occurring between multiple copies of the same print job.

Answer Summary:

We have been unable to determine the cause of your problem with the information provided. If this is still a problem for you, please submit another STR, and include the appropriate materials. In this case, we need an account-save of the file and the program to reproduce the problem.

STR: NASC-19988 Advanced Pick for AViiON
ORIG-ID: U543928

Module: N/A
Rev: 6.01

Problem Summary:

The 4mm dat tape is not a valid selection during a file restore when attempting to restore from a transaction tape made by the txlogger.

Answer Summary:

This problem has been corrected in the current revision of Advanced PICK, AP 6.1.8.DG94.

STR: NASC-20149 Advanced Pick for AViiON
ORIG-ID: DG INTERNAL

Module: N/A
Rev: 6.01

Problem Summary:

Unable to start the transaction logger when "nphts" is set to 1 or 2. The logger will start if "nphts" is set to 4.

Answer Summary:

This is not a bug in AP. By default Advanced PICK uses two phantom ports for its own use. The Advanced PICK scheduler and spooler must run; therefore, you should not be able to start the Transaction Logger when nphts is set to 1 or 2 because there is no port available.

STR: NASC-20818 Advanced Pick for AViiON
ORIG-ID: U591984

Module: N/A
Rev: 6.10

Problem Summary:

When a modem line is "hung up" with the Pick process at the "Enter user id" prompt, the line begins to generate extraneous characters at a high rate. The process consumes a large amount of CPU time.

Answer Summary:

PICK Systems is aware of this but does not consider this a bug. The workaround is to use a combination of the 'trap dcd' and 'dcd-on' features in Advanced PICK. Place the statement 'trap dcd exit' in the user-coldstart macro, and use the statement 'dcd on', either by including it in the user's logon macro or entering at TCL when logged in. This allows clean disconnection.

STR: NASC-20851 Advanced Pick for AViiON
ORIG-ID: U614840

Module: N/A
Rev: 6.18

Problem Summary:

Pick aborted with a segmentation violation.

Answer Summary:

Advanced PICK patch 6.1.12 has been provided to you to address this software problem.

B1 Trusted DG/UX Model: Q012A

STR: SWE-840 B1 Trusted DG/UX
ORIG-ID: IKEA HANG

Module: KERNEL
Rev: 3.10

Problem Summary:

Machine hangs when doing reboot, abort switch pressed and dump taken. Wants to know reason of hang.

Answer Summary:

The dump provided with this STR indicates that the hang was caused because a print job was unable to flush properly due to a printer fault. If the printer fault was corrected, the reboot would have continued properly. Since you are no longer seeing this problem, this issue is closed.

C++ for AViiON Systems - Multiuser Model: L018A

STR: EURO-615303285C++ for AViiON Systems - Multiuser
ORIG-ID:

Module: TASK.H
Rev: 3.00

Problem Summary:

Trying to compile some C++ code which uses the task library. Compile fails complaining about entries in the task.h header file.

Answer Summary:

The problem you reported is fixed by a new task.h header file which you have already received from your local Data General representative. Attached is a list of the changes that were made to task.h.

C2 Trusted DG/UX Model: Q011A

STR: NASC-19903 C2 Trusted DG/UX

Module: KERNEL

ORIG-ID: U535169

Rev: 2.00

Problem Summary:

Panic 3000032.

Answer Summary:

We have been unable to determine the cause of this panic with the dump supplied. If this panic should reoccur, please submit a new STR with a memory dump and kernel.

STR: NASC-20598 C2 Trusted DG/UX

Module: KERN_DEV

ORIG-ID: U597593

Rev: 3.10

Problem Summary:

Unable to register disk after upgrading DG/UX from 3.00T to 3.10T.

Answer Summary:

This problem has been corrected in the modules that will ship with DG/UX Revision 4.10.

DG/UX Base System for AViiON Model: Q501A

STR: JAPN-914 DG/UX Base System for AViiON

Module: N/A

ORIG-ID: ODG 2779

Rev: 2.01

Problem Summary:

Processes which did I/O with 8mm tape can't be killed when an I/O error occurred.

Answer Summary:

This STR is being closed as you now understand that the problem was due to the 8mm tape drive having a hardware problem. The tape drive never completed a command that was sent to it, and the DG/UX 5.4 Release 2.01 tape driver will wait indefinitely for the command to complete. Please upgrade your system as soon as convenient to DG/UX 5.4 Release 3.10 which will timeout tape requests.

STR: NASC-19307 DG/UX Base System for AViiON

Module: N/A

ORIG-ID: U476152

Rev: 2.01

Problem Summary:

DGUX panic 41000053 every several weeks.

Answer Summary:

This problem is corrected in the version of the kernel libraries that will ship with DG/UX Release 4.10. This problem is corrected in previous revisions with the following patches:

STR: NASC-19977 DG/UX Base System for AViiON
ORIG-ID: U542909

Module: N/A
Rev: 2.10

Problem Summary:

When using uucp over pad, the connection will fail with "Invalid address" if the hostnames in /etc/uucp/Systems and Dialcodes contain numbers.

Answer Summary:

A Dialcodes entry is a dial-code abbreviation that can be used in the "Phone" field of the Systems file. The "Phone" field is made up of an optional alphabetic abbreviation part and a numeric part. This is documented in the "Managing Modems and UUCP on the DG/UX System" manual, 069-000698. Numbers cannot be used in the alphabetic abbreviation part of this field.

STR: EURO-616505736DG/UX Base System for AViiON
ORIG-ID:

Module: N/A
Rev: 3.00

Problem Summary:

Customer is attempting to run Word Perfect on an AViiON system running DG/UX 5.4R3.00 with MU02. The customer is experiencing performance problems which appear to be caused by wpxec and also terminal hangs also caused by wpxec.

Answer Summary:

Problem not reproducible with materials and information provided. STR is closed at request of the onsite SE. Should problem re-occur please provide sufficient materials to assist in reproducing the problem.

STR: JAPN-930 DG/UX Base System for AViiON
ORIG-ID: ODG 2795

Module: N/A
Rev: 3.00

Problem Summary:

dg_vm_process_info returns wrong value.

Answer Summary:

The values returned by dg_vm_process_info() are correct. This information is clarified in the attached documentation.

STR: NASC-20808 DG/UX Base System for AViiON
ORIG-ID: U607906

Module: N/A
Rev: 3.00

Problem Summary:

PROGRESS database has been experiencing corruption on a regular basis.

Answer Summary:

As we discussed in our conversation, we are closing this STR with your permission. We understand that Progress has provided you with some additional diagnostic procedures to follow should this error occur again. Should this reoccur and Progress determines that this problem is not database related, then a new STR should be opened to initiate a File System corruption issue.

STR: NASC-20940 DG/UX Base System for AViiON
ORIG-ID: CZ.DGUX.004

Module: N/A
Rev: 3.00

Problem Summary:

Man page example contains error on tr(1) pages.

Answer Summary:

This problem is corrected in the tr(1) man page that will ship with DG/UX Revision 4.10.

STR: NASC-21086 DG/UX Base System for AViiON
ORIG-ID: F-U645668

Module: N/A
Rev: 3.00

Problem Summary:

Panic 2000076 while admfailover was coming up.

Answer Summary:

This problem is corrected by patch 66 to DG/UX 5.4R3.00.

STR: EURO-615500819DG/UX Base System for AViiON
ORIG-ID: CHOWN_REST /

Module: N/A
Rev: 3.10

Problem Summary:

Cust has CHOWN_REST kernel parameter set (for security reasons of his own). This causes /bin/mail to create new mail boxes with owner of sender not receiver. Receiver cannot then read his mail!

Answer Summary:

This is normal behavior when setting CHOWN_REST. Restricting the chown command will have a severely adverse impact on mail, since the ability to change a file's ownership is intrinsic throughout the mail system.

STR: ITAL-191 DG/UX Base System for AViiON
ORIG-ID: MI-94-08

Module: N/A
Rev: 3.10

Problem Summary:

Memory segmentation fault during C program execution under dg/ux rev. 3.01. This bug was introduced with dgux 2.01 and was fixed by dgux_5.4R2.01.p71. The bug came out again in R2.10 and R3.10.

Answer Summary:

This STR is a duplicate ITAL-190 from the same customer. We are closing this STR and tracking all issues under STR ITAL-190.

STR: ITAL-192 DG/UX Base System for AViiON
ORIG-ID: MI-94-09

Module: N/A
Rev: 3.10

Problem Summary:

Segmentation fault in a library routine under DG/UX

Answer Summary:

We believe your program is receiving a segmentation fault because of a misuse of the NULL pointer. Programs that dereference NULL pointers and expect address 0 to contain the value 0 can be made to work by using the "-z lowzeroes" option while linking. See the ld(1) page for more information.

STR: NASC-20687 DG/UX Base System for AViiON
ORIG-ID: U584111

Module: N/A
Rev: 3.10

Problem Summary:

We have an aviion AV530 running rev 5.4R3.10 of DG/UX with patch dgux_5.4R3.10. p26 installed. We have an application called Interleaf that hangs when we use 32 mgb of memory. It works fine with 64 mgb. of memory.

Answer Summary:

As we discussed in our recent phone conversation, we were not able to reproduce the problem you reported in our laboratory. We also understand that the Interleaf developer was unable to reproduce at your site. We are closing this STR with your permission, since the problem cannot be reproduce.

STR: NASC-20690 DG/UX Base System for AViiON
ORIG-ID: U603856

Module: N/A
Rev: 3.10

Problem Summary:

Under the korn shell, a function within a korn shell script can run in the background and will not generate an error.

Answer Summary:

As discussed in our recent phone conversation, this is the expected behavior of a function within a korn shell script.

STR: NASC-20878 DG/UX Base System for AViiON
ORIG-ID: U620201

Module: N/A
Rev: 3.10

Problem Summary:

Variable values are lost outside a 'while loop' in 3.10 version of DG/UX bourne shell.

Answer Summary:

This is a fundamental design restriction of the Bourne shell (sh). When you pipe into a "while" loop, a separate process is forked for the loop. Any variables set while in the loop will be lost when the loop is exited. The Korn shell (ksh) does not display this limitation. As an easy workaround, add !#/bin/ksh to the top of any scripts needing this facility.

STR: NASC-21033 DG/UX Base System for AViiON
ORIG-ID: E440448

Module: N/A
Rev: 3.10

Problem Summary:

Experienced a panic 2000075 when bringing down netware transport.

Answer Summary:

This problem is corrected in modules that will ship with DG/UX Release 4.10.

STR: NASC-21037 DG/UX Base System for AViiON
ORIG-ID: M025594

Module: N/A
Rev: 3.10

Problem Summary:

Panic 2000075 running netuser command.

Answer Summary:

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

STR: ITAL-175 DG/UX Base System for AViiON
ORIG-ID: PD-93-03 (UNI

Module: ACCT
Rev: 2.00

Problem Summary:

Monthly dg/ux accounting report often shows invalid LOGIN NAMEs (INVALID, .ttymon, ?) and impossible cpu mins numbers

Answer Summary:

The problem with invalid login names has been corrected in commands which ship with DG/UX 5.4R3.10. The additional problems you report are not reproducible using DG/UX 5.4R3.10.

STR: SPA-1016 DG/UX Base System for AViiON
ORIG-ID: CURSES-INTERN

Module: ADDWCH
Rev: 3.00

Problem Summary:

WHEN USING THE ADDWCH OR ADDWSTR CALLS FROM CURSES TO SHOW ON THE SCREEN THE INTERNATIONAL CHARACTERS, WE GET THE CHARS IN 7 BITS FORMAT WITH M- BEFORE THE CHAR. OTHER CALLS FROM CURSES AS PRINTW WORK FINE.

Answer Summary:

8 bit characters can be displayed if you set up your environment correctly. You must be using a locale with a code set that supports 8 bit characters. Chapter 13 of the Porting and Developing Applications for the DG/UX System manual and chapter 4 of the Managing the DG/UX System manual discuss locales and code sets. Attached is a description of what needs to be done.

STR: GER-15268 DG/UX Base System for AViiON
ORIG-ID: 4100787

Module: ADMUSER
Rev: 3.10

Problem Summary:

When a user is added with admuser -o add -yp etc. and ypwhich does return the name of the master passwd for the user is not set

Answer Summary:

The error you report "Not in passwd file" is returned by yppasswd(1). Other information we have obtained in conversing with you would indicate that you may be running yppasswd(1M) on a YP server other than the master. The yppasswd(1M) should only be run on the master server for the passwd map.

STR: HOLL-519 DG/UX Base System for AViiON
ORIG-ID:

Module: AT
Rev: 3.00

Problem Summary:

The at -q<queuname> switch is not documented in the manual pages.

Answer Summary:

The man page for at(1) has been enhanced in DG/UX 5.4 Release 3.10 to discuss the -q option of at(1).

STR: JAPN-921 DG/UX Base System for AViiON
ORIG-ID: ODG 2786

Module: AWK
Rev: 2.01

Problem Summary:

awk(1) returned an incorrect result with multibyte character input.

Answer Summary:

This problem is fixed in the awk(1) command that ships with DG/UX 5.4 Release 3.00. It is also fixed in R2.01 by patch dgux_5.4R2.01.p109 and in R2.10 by patch dgux_5.4R2.10.p70.

STR: INTL-1119 DG/UX Base System for AViiON
ORIG-ID: TEAM 479

Module: CP
Rev: 3.10

Problem Summary:

The 'cp -p' command does not work as documented.

Answer Summary:

The cp(1) man page that will ship with DG/UX Revision 4.10 has been modified to clarify the behavior of the -p option.

STR: JAPN-917 DG/UX Base System for AViiON

Module: CSH

ORIG-ID: ODG 2782

Rev: 2.10

Problem Summary:

csh(1) does not handle Japanese characters in a command line properly

Answer Summary:

This problem has been fixed in the csh(1) that will ship with DG/UX 5.4 Release 4.00.

STR: NASC-20886 DG/UX Base System for AViiON

Module: CT

ORIG-ID: U617328

Rev: 3.00

Problem Summary:

When ever a modem connection is lost due to accidental modem power off or bad phone line and using ct, the line becomes unuseable and ct never cleans up and terminates.

Answer Summary:

The problem of ct not getting the correct stty settings is corrected in the version of ct that will ship with DG/UX Release 4.10, so that you will be able to use the M9600 ttylabel. To work around the problem, create an entry in the /etc/ttydefs file with a ttylabel of 9600M and include the stty settings that are needed. Also add a 9600M entry in the Devices file and use ct -s9600M.

STR: NASC-20841 DG/UX Base System for AViiON

Module: CT

ORIG-ID: U620049

Rev: 3.10

Problem Summary:

The ct command does not open the serial port with the correct stty settings that will provide for the proper operation with a modem.

Answer Summary:

This problem is corrected in the version of ct that will ship with DG/UX Release 4.10 so that you will be able to use the M9600 ttylabel in the /etc/ttydefs file. To work around the problem, create an entry in the ttydefs file with a ttylabel of 9600M, and include the stty settings that are needed. Also add a 9600M entry in the Devices file, and use ct -s9600M.

STR: NASC-20065 DG/UX Base System for AViiON

Module: CU

ORIG-ID: U551191

Rev: 2.00

Problem Summary:

After installing special release dgux_sr.940502, we have found that when we use cu and the command "~~.", the system will go to single user mode.

Answer Summary:

This problem is corrected in the version of cu that shipped with DG/UX 5.4 Release 3.00.

STR: NASC-20500 DG/UX Base System for AViiON
ORIG-ID: U584591

Module: CURSES
Rev: 3.00

Problem Summary:

Unable to display 8 bit character in curses. The environment included DG/UX revision 5.4.R3.00 and Gnu C version 2.5.8.

Answer Summary:

8 bit characters can be displayed if you set up your environment correctly. You must be using a locale with a code set that supports 8 bit characters. Chapter 13 of the "Porting and Developing Applications for the DG/UX System" manual and Chapter 4 of the "Managing the DG/UX System" manual discuss locales and code sets. Attached is a description of what needs to be done.

STR: NASC-19965 DG/UX Base System for AViiON
ORIG-ID: E432231

Module: DUMP2
Rev: 3.00

Problem Summary:

Dump2 appears to be reporting incorrect statistics when backing up a large filesystem to an 8mm 5/10Gb tape drive.

Answer Summary:

As you have noticed when observing dump2(1M) at work, the tape estimate times are fairly crude. As your archive restores properly, there is no cause for concern.

STR: NASC-20729 DG/UX Base System for AViiON
ORIG-ID: U599730

Module: FAILOVERMON
Rev: 3.10

Problem Summary:

Failovermon does not appear to be establishing initial connection and is taking up a lot of cpu time.

Answer Summary:

The problem you encountered occurred because your /etc/syslog.conf was corrupt. This prevented syslogd, and in turn, failovermon from writing messages to /var/adm/messages. Once the /etc/syslog.conf file was corrected, the problem was resolved.

STR: SPA-1020 DG/UX Base System for AViiON
ORIG-ID: FAILOVER MONI

Module: FAILOVERMON
Rev: 3.10

Problem Summary:

THE MINIMUM TIME FOR THE FAILOVER MONITOR TO DETECT THE FAILURE OF THE OTHER MACHINE IS ALWAYS ABOUT 25 SECONDS INDEPENDENTLY OF THE HEARTHBEAT VALUE.

Answer Summary:

The failovermon process will detect the failure of another machine in the least amount of time if it is setup with retries set to 0, and interval set to 0. This will generate a lot of network traffic, and may not be advisable at your site. Note that evidence in your /var/adm/messages file shows that failovermon detected a failure in 10 seconds.

STR: NASC-20599 DG/UX Base System for AViiON
ORIG-ID: U591320

Module: GETPWUID
Rev: 3.10

Problem Summary:

Error: "Too many open files" is given when running a mail delivery software. The problem is isolated to getpwuid() which allocates extra file descriptors. DG/UX revision 5.4.R3.10 is used.

Answer Summary:

The problem you reported is corrected in the libraries that will ship with DG/UX Release 4.10.

STR: GER-15273 DG/UX Base System for AViiON
ORIG-ID: 3203244-00

Module: HW-CIEN
Rev: 3.00

Problem Summary:

AV-8500 in Failover environment intermittently panics with 2000075. System has had HW (CPU, Memory and VLCi) swapped. HW tests show no problems. A dump has been taken and we require an urgent analysis to determine problem.

Answer Summary:

These panics appear to have been caused by a faulty VLCi adapter. There have been no additional panics since it was replaced. If this problem should occur again, please submit a new STR along with the appropriate support materials.

STR: GER-15247 DG/UX Base System for AViiON
ORIG-ID: 3101755

Module: HW-CPU
Rev: 3.00

Problem Summary:

Panic 2000076 on three occasions

Answer Summary:

This problem was corrected with the replacement of the CPU board. The problem can not be reproduced with the new CPU and the old CPU is being analyzed.

STR: HOLL-518 DG/UX Base System for AViiON
ORIG-ID:

Module: HW-CPU
Rev: 3.00

Problem Summary:

Trying to boot from release tape 5.4r3.00 dg/ux on dual-cpu av/5500 results in returning to SCM prompt, because init of gunzip failed.

Answer Summary:

This problem has been resolved with the installation of a new CPU daughter board.

STR: INTL-1143 DG/UX Base System for AViiON
ORIG-ID: HOPHING

Module: HW-CPU
Rev: 3.00

Problem Summary:

System panic when running TECSYS software on top of Informix SE 5.02.

Answer Summary:

Both of these panics, 112000002 and 57000017, were caused by hardware failures. Since the cpu complex has already been replaced, it is possible that there is a pin-virus in the backplane of this system. Please have this system inspected by hardware engineers. If the problems persist, you should contact the Support Center to file new STRs and/or PDRs as appropriate.

STR: GER-15208 DG/UX Base System for AViiON
ORIG-ID: 3202134

Module: HW-JP
Rev: 2.10

Problem Summary:

Certain Kernel configs with the VLCi in an AV5500 will cause either Panic 2000075 or 2000116 when the system tries to mount /dev/dsk/root as root file system after booting.

Answer Summary:

This panic was caused by a faulty JP0. The faulty jp was flipping a bit which caused an attempt to access an invalid memory address. JP0 should be replaced on this system.

STR: NASC-20250 DG/UX Base System for AViiON
ORIG-ID: AL-AV/ALERT-9

Module: HW-PROM
Rev: 3.00

Problem Summary:

When DG/UX panics and the system returns to SCM after the dump request, no AV/Alert call is placed.

Answer Summary:

This problem has been reproduced and has been transferred to ALTO-000000747-0. Please refer to that hardware trouble report number for future updates.

STR: JAPN-833 DG/UX Base System for AViiON
ORIG-ID: ODG 2698

Module: HW-SYAC
Rev: 2.00

Problem Summary:

VDA128 Hang up

Answer Summary:

This problem has not been reproducible since the bus grant levels on the syacs were set to different levels instead of being set to the same level. This problem is closed at your request.

STR: NASC-20879 DG/UX Base System for AViiON
ORIG-ID: U625724

Module: IDL
Rev: 3.10

Problem Summary:

Problem using the "persistent" option of idl.

Answer Summary:

This problem is corrected in commands which will ship with DG/UX Release 4.10. Note that the "persistent" option works in the ASCII version of an idl application in DG/UX 5.4R3.10. You might consider using "repeat" as a workaround for the xsysadm version of DG/UX 5.4R3.10.

STR: NASC-20994 DG/UX Base System for AViiON
ORIG-ID: DL-DVR-950208

Module: INSTALL
Rev: 3.00

Problem Summary:

When upgrading to DGUX 5.4R3.X, etc/skel/.profile is overwritten silently.

Answer Summary:

The behavior you report is an expected result of the installation process. Further, the manual "Managing the DG/UX System" (093-701088-05) warns against modifying files in the /etc/skel directory for this very reason. We urge you to use sysadm(1M) to set a different default skeleton directory, in which you can place customized entries.

STR: JAPN-889 DG/UX Base System for AViiON
ORIG-ID: ODG 2754

Module: KERN-DEV
Rev: 2.01

Problem Summary:

Could not append file with /dev/rmt/?uln on 10GB-8mm tape.

Answer Summary:

This problem will be corrected in modules that will ship with DG/UX 5.4 Release 4.00. The problem was due to the tape drive losing the density and compression settings between tape files. The DG/UX dtape driver has been enhanced to reset these values for each file on the tape.

STR: GER-15242 DG/UX Base System for AViiON
ORIG-ID: 3202763

Module: KERN-DEV
Rev: 3.00

Problem Summary:

mt -f /dev/rmt/0n status spaces the tape one file forward, mt -f /dev/rmt/0 status rewinds the tape.

Answer Summary:

After examining your report we have come to the conclusion that the software is working correctly. The /dev/rmt/0n file is supposed to space the tape to the next file position and the /dev/rmt/0 file is supposed to rewind the tape. This is as documented in the rmt(7) man page.

STR: NASC-20524 DG/UX Base System for AViiON
ORIG-ID: D-DOD-941118

Module: KERN-DEV
Rev: 3.00

Problem Summary:

"mt -f/dev/rmt/1 status" takes just over 8 minutes to return an error when there is no tape in the drive (/dev/rmt/1 is the 8 MM drive), whereas our QIC 150 drive returns an error in just a few seconds.

Answer Summary:

This problem is corrected in modules that ship with DG/UX 5.4 Release 3.00 Maintenance Update 04. Using a model 6590 8mm tape drive without a tape in it, the error message is returned in less than two seconds.

STR: GER-15259 DG/UX Base System for AViiON
ORIG-ID: 3203048

Module: KERN-DEV
Rev: 3.10

Problem Summary:

Micropolis 1588 disk drives are not seen by probedev and cannot be configured

Answer Summary:

The Micropolis 1588 is an unsupported product. Please contact Data General's Special Systems Group for consultation.

STR: GER-15265 DG/UX Base System for AViiON
ORIG-ID: 4100777

Module: KERN-DEV
Rev: 3.10

Problem Summary:

The mt(1) command issued for an 8mm 10 GB tape drive generates the error "this ioctl command not supported on this device"

Answer Summary:

We are closing this STR as we have explained to you in a previous conversation that the cause of this problem is that the 8mm drive that you purchased does not have the correct firmware to function with DG/UX. Exabyte 8505 8mm drives need to have firmware 8SE-0010 load. Please obtain this firmware from Exabyte Corporation.

STR: NASC-20405 DG/UX Base System for AViiON
ORIG-ID: E436816

Module: KERN-DEV
Rev: 3.10

Problem Summary:

The open function with the write only flag set to a write protected tape device will error properly on the first open but will not error on subsequent opens.

Answer Summary:

This problem will be corrected in modules that will ship with DG/UX System Release 4.10. The problem was due to the device driver not checking for the write protect status at the appropriate point.

STR: NASC-21039 DG/UX Base System for AViiON
ORIG-ID: U637031

Module: KERN-INSO
Rev: 3.00

Problem Summary:

121000026 panic when aborting a networker backup.

Answer Summary:

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

STR: SPA-1036 DG/UX Base System for AViiON
ORIG-ID: FIB_2000107

Module: KERN-INSO
Rev: 3.00

Problem Summary:

AV5200 panic 2000107. MDM is submitted for analysis purposes.

Answer Summary:

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

STR: NASC-20680 DG/UX Base System for AViiON
ORIG-ID: SEKO-JB-12139

Module: KERN-NFM
Rev: 3.10

Problem Summary:

Panic 2000112. 128 byte block free wired memory self-ID corrupted (decremented by one). Unable to find offending party.

Answer Summary:

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

STR: NASC-20622 DG/UX Base System for AViiON
ORIG-ID: M021868

Module: KERN-PDEP
Rev: 3.10

Problem Summary:

Receiving the message 'Unexpected fldcr error, Contact Data General' after a upgrade to 3.10 of DG/UX.

Answer Summary:

This problem requires live system access with the ORACLELIVE process executing. After numerous attempts, we have been unable to gain the system access required to resolve the problem. If the system access becomes available and the problem reoccurs, then please enter a new STR.

STR: EURO-610000066DG/UX Base System for AViiON
ORIG-ID: PANIC 1120000

Module: KERN-PEFN
Rev: 3.00

Problem Summary:

System panic 112000002 on machine MDHEIMDAL.

Answer Summary:

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

STR: EURO-616202923DG/UX Base System for AViiON
ORIG-ID: PANI 2000075

Module: KERN-SFM
Rev: 2.01

Problem Summary:

System Panic 2000075. This panic is produced with the dgux isolation patches installed. Duplicate of STR's FRA-1131, EURO-614002151, NSC-19954

Answer Summary:

This problem is corrected in modules that will ship with 00:00 DG/UX R4.10.

STR: NASC-20365 DG/UX Base System for AViiON
ORIG-ID: U572745

Module: KERN-SFM
Rev: 2.01

Problem Summary:

System crashes weekly with 2000075's. Dump analysis indicates a problem in su_demon(su_enqueue_defer_list). This appears to be the same as EURO-618105807.

Answer Summary:

This problem is corrected in modules that will ship with DG/UX Release 4.10.

STR: EURO-614002151DG/UX Base System for AViiON
ORIG-ID: HPSS 2000075

Module: KERN-SFM
Rev: 2.10

Problem Summary:

Panic 2000075.

Answer Summary:

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

STR: NASC-20103 DG/UX Base System for AViiON
ORIG-ID: U555600

Module: KERN-SFM
Rev: 3.00

Problem Summary:

We had a 42000033 panic. We checked /var/adm/messages and did not see any errors. Upon rebooting we received a message that 32 mgb. of memory was being deconfigured.

Answer Summary:

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

STR: SWE-810 DG/UX Base System for AViiON
ORIG-ID: IKEA X25,OSIP

Module: KERN-SFM
Rev: 3.00

Problem Summary:

When using the ositrace-program on a Aviion running osip over x25,the tracefile get "corrupted"

Answer Summary:

This problem is corrected in the modules that will ship with DG/UX 5.4 Revision 4.00.

STR: SWIT-712 DG/UX Base System for AViiON
ORIG-ID: NIB-941201-02

Module: KERN-SFM
Rev: 3.00

Problem Summary:

A panic 2000075 occured when stopping netware transport

Answer Summary:

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

STR: NASC-20237 DG/UX Base System for AViiON
ORIG-ID: U566296

Module: KERN-SFM
Rev: 3.10

Problem Summary:

Our AV8500 running DG/UX 5.4R3.10 panicked with the code 42000111.

Answer Summary:

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

STR: NASC-20106 DG/UX Base System for AViiON
ORIG-ID: S713717

Module: KERN-SIG
Rev: 3.10

Problem Summary:

The system node name "dg1" appeared to hang on Sep, 26 1994, and the abort button appears to have been pushed causing a NMI panic 150000044.

Answer Summary:

This problem is corrected in modules that will ship with DG/UX Release 4.10. DG/UX was incorrectly sending broadcast signals to PID 1 and allowing the KILL signal to be sent to PID 1. This was not in accordance with the documentation.

STR: JAPN-926 DG/UX Base System for AViiON
ORIG-ID: ODG 2791

Module: KERN-TCP
Rev: 2.10

Problem Summary:

Panic 2000075

Answer Summary:

This problem is fixed in the version of TCP/IP that ships with DG/UX 5.4 revision 3.00. A TCP/IP message will not be freed twice if a STREAMS memory shortfall occurs when the last packet of a connection is received.

STR: EURO-616504873DG/UX Base System for AViiON
ORIG-ID: TCP KEEPALIVE

Module: KERN-TPI
Rev: 3.00

Problem Summary:

The customer wishes to have the number of tcp keepalive probes and the time interval between probes made tunable under DG/UX 5.4R3.00

Answer Summary:

This request will be provided in the version of the TCP/IP kernel libraries that will ship with DG/UX Release 4.10.

STR: JAPN-890 DG/UX Base System for AViiON
ORIG-ID: ODG 2755

Module: KERN-TS
Rev: 2.10

Problem Summary:

A process could not be killed.

Answer Summary:

This problem is corrected in the kernel libraries that ship with DG/UX 5.4 Release 3.00. Processes will no longer be left in an unkillable state when the SYAC board panics.

STR: NASC-20605 DG/UX Base System for AViiON
ORIG-ID: S734434

Module: KERN-TS
Rev: 3.10

Problem Summary:

Panic 112000002.

Answer Summary:

This problem will be corrected in the version of the kernel libraries that will ship with DG/UX Release 4.10

STR: NASC-20122 DG/UX Base System for AViiON
ORIG-ID: JJ-USDA-94092

Module: KERN-UC
Rev: 3.10

Problem Summary:

Each time the system is booted the AV/Alert Dynamic Password is disabled.

Answer Summary:

The software component of this problem is corrected in modules that will ship with DG/UX Release 4.10.

STR: EURO-616601867DG/UX Base System for AViiON
ORIG-ID:

Module: KERN-UFM
Rev: 3.00

Problem Summary:

It is not possible to backup up word6 documents via NFS, this works on other unix systems because they have an llockmgr daemon to handle record locking. Running 5.4R3.00MU03, capture scripts are available for faxing.

Answer Summary:

Without knowing specifically what error is being received at the time of backup, it is not possible to conclude what the problem is. But we believe that this problem may be solved by applying DG/UX 5.4 Release 3.00 patch dgux_5.4R3.00.p132.

STR: JAPN-885 DG/UX Base System for AViiON
ORIG-ID: ODG 2750

Module: KERN-VSXB
Rev: 3.00

Problem Summary:

Can not reconfigure VSC3i installed in secondary VME Chasis

Answer Summary:

This problem is corrected in the version of the kernel libraries that will ship with DG/UX 5.4 Release 4.00. One will be able to successfully deconfigure and reconfigure vxsb() drivers on a multi-vme system.

STR: GER-15210 DG/UX Base System for AViiON
ORIG-ID: 3300327

Module: KERNEL
Rev: 2.00

Problem Summary:

system hangs when high network activity

Answer Summary:

The problem which caused this hang cannot be determined with the information supplied with this STR. Since you are currently running with the isolation patch supplied to aid in diagnosing this problem and are not experiencing the hangs any more, this STR will be closed at your request.

STR: GER-15216 DG/UX Base System for AViiON
ORIG-ID: 3101398

Module: KERNEL
Rev: 2.01

Problem Summary:

Hard hang.

Answer Summary:

The problem which caused this hang cannot be determined with the information supplied with this STR. Since you are currently running with the isolation patch supplied to aid in diagnosing this problem and are not experiencing the hangs any more, this STR will be closed at your request.

STR: GER-15204 DG/UX Base System for AViiON
ORIG-ID: 2101223

Module: KERNEL
Rev: 2.10

Problem Summary:

Multiple RPC requests with the same transaction ID cause a panic 2000075

Answer Summary:

This problem arises because the kernel libraries /usr/src/uts/aviion/lb/nsi.a and /usr/src/uts/aviion/lb/xtso.a released with DG/UX 5.4 Release 2.01 have been installed and are in use on a system that is running DG/UX 5.4 Release 2.10. Please restore the kernel libraries from the DG/UX 5.4 Release 2.10 media and rebuild and reboot the kernel to correct this problem.

STR: JAPN-895 DG/UX Base System for AViiON
ORIG-ID: ODG 2760

Module: KERNEL
Rev: 2.10

Problem Summary:

System hang

Answer Summary:

This hang was the result of problems in the platform software running on DG/UX. This issue is closed since modifications to the platform software have corrected the hangs.

STR: JAPN-903 DG/UX Base System for AViiON
ORIG-ID: ODG 2768

Module: KERNEL
Rev: 2.10

Problem Summary:

Panic 2000075

Answer Summary:

We are closing this str with your agreement as nonreproducible.

STR: NASC-19954 DG/UX Base System for AViiON
ORIG-ID: F-U538238

Module: KERNEL
Rev: 2.10

Problem Summary:

Panic 2000075 from su_enqueue_defer_list+30.

Answer Summary:

This problem is corrected in modules that will ship with DG/UX Release 4.10.

STR: SPA-1037 DG/UX Base System for AViiON
ORIG-ID: ELDA_2000102

Module: KERNEL
Rev: 2.10

Problem Summary:

av8500 panic 2000102. MDM is submitted for analysis purposes.

Answer Summary:

This STR is reported against an unsupported revision of DG/UX. Please upgrade this system to a supported revision. If the panic persists, please submit a new STR with the appropriate support materials.

STR: JAPN-909 DG/UX Base System for AViiON
ORIG-ID: ODG 2774

Module: KERNEL
Rev: 3.00

Problem Summary:

Questions of thread scheduling

Answer Summary:

Since you have had no further questions regarding this topic since our previous communications in September of 1994, we are closing this STR. Thank you for your interest in the DG/UX product.

STR: NASC-19533 DG/UX Base System for AViiON
ORIG-ID: U494026

Module: KERNEL
Rev: 3.00

Problem Summary:

The systems panic'd twice with 2000113.

Answer Summary:

This problem will be corrected in the version of the kernel libraries that will ship with DG/UX Release 4.10

STR: NASC-19649 DG/UX Base System for AViiON
ORIG-ID: U502404

Module: KERNEL
Rev: 3.00

Problem Summary:

The processes yppasswd and su are becoming defunct. We believe that this is a bug in DG/UX. We are sending a dump and system image.

Answer Summary:

The hang on shutdown was caused by using the default time-out on the SO_LINGER option on lp.termprinter. The socket close will pend for 32000 seconds before the close is aborted. All three dumps provided exhibited this scenario. The defunct processes were all owned by lp.termprinter and will be cleaned up when lp.termprinter is allowed to time-out and abort.

STR: NASC-20733 DG/UX Base System for AViiON
ORIG-ID: M022542

Module: KERNEL
Rev: 3.00

Problem Summary:

The system node name "mldg2" panicked on Dec, 16 1994 at 18:01:12 (GMT) with a 112000002 panic. The "io_driver" running as VP k0:2 on JP1 took the panic.

Answer Summary:

The cause of the panic reported in this STR cannot be determined with the information supplied. Since this system has been upgraded to DG/UX 5.4 Release 3.10 and no further panics have occurred, this incident is closed. If the panic should occur again, please submit a new STR with the appropriate support materials.

STR: SPA-1034 DG/UX Base System for AViiON
ORIG-ID: CIGESA_SWAP

Module: KERNEL
Rev: 3.00

Problem Summary:

After a soft memory error swap runs out of space. No panic appears, system hangs

Answer Summary:

This apparent system hang was caused by two user processes named snascc_i_o obtaining all of the available system memory and swap space. The two processes caused the system to start thrashing when the memory resources ran low. This STR is a duplicate of SPA-1035.

STR: SPA-1035 DG/UX Base System for AViiON
ORIG-ID: CIGESA_SWAP_O

Module: KERNEL
Rev: 3.00

Problem Summary:

"SWAP OUT OF SPACE" ERROR. SYSTEM HUNGS. NO PANIC REPORTED.

Answer Summary:

This apparent system hang was caused by two user processes named snascc_i_o obtaining all of the available system memory and swap space. The two processes caused the system to start thrashing when the memory resources ran low.

STR: INTL-1124 DG/UX Base System for AViiON
ORIG-ID: 4001722

Module: KERNEL
Rev: 3.10

Problem Summary:

System panicked with a 2000113. This has happened twice with DG/UX 5.4R3.00.

Answer Summary:

This problem will be corrected in the version of the kernel libraries that will ship with DG/UX Release 4.10

STR: EURO-617110908DG/UX Base System for AViiON
ORIG-ID: LD CORE

Module: LD
Rev: 3.10

Problem Summary:

ld core's when doing dynamic link.

Answer Summary:

This problem is fixed in the ld(1) that will ship with DG/UX Revision 4.10.

STR: NASC-20941 DG/UX Base System for AViiON
ORIG-ID: U630524

Module: LIBCURSES
Rev: 3.10

Problem Summary:

The curses function, getch(), returns different values for arrow, Page, and Enter keys than the ones defined in curses.h file. The environment included DG/UX revision 5.4.R3.10 and Gnu C version 2.5.8.

Answer Summary:

The program submitted with this STR displays the key values in decimal. If you change the program to display them in octal, the values will match those in the curses.h file. To get KEY_ENTER to end the while loop, you must press the Enter key on the numeric keypad, not the NL key.

STR: EURO-616305105DG/UX Base System for AViiON
ORIG-ID: LINT LIFEBOAT

Module: LINT
Rev: 3.10

Problem Summary:

When run lint on a C program which includes stdlib.h, it reports "function argument (number) declared inconsistently" for several functions, eg mbtowc and wctomb. Problem only happens under DGUX 5.4R3.10.

Answer Summary:

The problem you reported is fixed in the version of lint(1) that will ship with DG/UX Revision 4.10.

STR: NASC-20763 DG/UX Base System for AViiON
ORIG-ID: U610445

Module: LPADMIN
Rev: 3.10

Problem Summary:

When modifying a legal remote printer via sysadm, we get the following error: Error: An error occurred. The message from '/usr/lib/lpadmin -p' is:

Answer Summary:

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

STR: GER-15214 DG/UX Base System for AViiON
ORIG-ID: 3300323

Module: LPSCHED
Rev: 2.01

Problem Summary:

Cannot print or permanently download an Adobe font file on a Model 6640 postscript printer.

Answer Summary:

The file that you sent, MKRG____>PFB, is a Printer Font Binary (PFB) file that cannot be sent directly to the printer because of the presence of binary section headers, and the possible presence of binary data sections. The font must be unpacked into ASCII format (PFA) before sending it to the printer. Adobe does not supply a font downloader for DG/UX.

STR: EURO-960100202DG/UX Base System for AViiON
ORIG-ID:

Module: LPSCHED
Rev: 3.10

Problem Summary:

After upgrading from 5.4R2.01 to 5.4R3.10 we are unable to print to a remote postscript printer connected on another AV running 5.4R3.10. Also we get a heap of stream error messages like "<T3>cconnection dropped ..."

Answer Summary:

The problem of not being able to print to a printer attached to /dev/lp is corrected in the version of lpsched that will ship with DG/UX Release 4.10.

STR: NASC-20754 DG/UX Base System for AViiON
ORIG-ID: U609687

Module: MORE
Rev: 3.10

Problem Summary:

Redirecting standard error to /dev/null for the more command causes core dump.

Answer Summary:

This problem is corrected in the version of more that will ship with DG/UX revision 4.10.

STR: EURO-618113275DG/UX Base System for AViiON Module: NSR_SHUTDOWN
ORIG-ID: NETWORKER AUT Rev: 3.10

Problem Summary:

NETWORKER - If when a backup is in progress cust does nsrshitdown (to simulate system failure) and then restarts NETWORKER with rc.networker start, the backup does not start again cleanly.

Answer Summary:

A backup which is interrupted with a system failure (simulated or otherwise) is not expected to resume when Networker is restarted with rc.networker start.

STR: JAPN-920 DG/UX Base System for AViiON Module: PROM
ORIG-ID: ODG 2785 Rev: 2.10

Problem Summary:

AV8500s always reboot after panic regardless of setting dg_sysctl.

Answer Summary:

This is a PROM issue and should be entered as an htr. Please close this str with reference to the htr and resubmit.

STR: GER-15266 DG/UX Base System for AViiON Module: PROM
ORIG-ID: 3101924-00 Rev: 3.00

Problem Summary:

When AV-450H boots and login: is presented (NO X-11 on system) the keyboard is hung and it not possible to login. Must login via network, open the /dev/kmi with od(1) and ^c out. This frees the keyboard!

Answer Summary:

This problem is being transferred to htr ger-0006 for investigation by hardware engineering. This is not a DG/UX problem. We have supplied an RC script to work around most instances of the problem while it is being investigated under ger-0006. Please always check for keyboard errors during power up. If an error is given recycle the power. Thank You.

STR: JAPN-924 DG/UX Base System for AViiON Module: PROM
ORIG-ID: ODG 2789 Rev: 3.00

Problem Summary:

AV5500H does not reboot automatically regardless of setting dg_sysctl after panics.

Answer Summary:

This is a PROM issue and needs to be entered as an htr rather than an str. Please resubmit this as an htr and refer to the htr number in this str.

STR: NASC-20927 DG/UX Base System for AViiON
ORIG-ID: U630663

Module: RESTORE
Rev: 3.10

Problem Summary:

Attempts to recover from multi-tape set created with admbackup fail when filesystem spans multiple tapes. Error is "cannot find file removal table".

Answer Summary:

This problem was resolved by manually extracting a mission critical file from the supplied tapes. Please see the attached message for additional information. Note: Your tape set will be returned asap.

STR: JAPN-899 DG/UX Base System for AViiON
ORIG-ID: ODG 2764

Module: SIGSET
Rev: 3.00

Problem Summary:

sigset(2) returns wrong action.

Answer Summary:

This problem is fixed in the sigset(2) system call that will ship with DG/UX 5.4 Release 4.00.

STR: SPA-1025 DG/UX Base System for AViiON
ORIG-ID: CE SELSA SLIP

Module: SLIPD
Rev: 3.00

Problem Summary:

APPROXIMATELY ONE HOUR AFTER SLIP IS STARTED THE SYSTEM IS VERY SLOW AND THE TTYMON USES VERY MUCH CPU TIME.

Answer Summary:

Per your request this str is being closed as this problem is no longer being experienced. Please reen-able port /dev/tty00 if that port is defined as the slip port.

STR: NASC-20399 DG/UX Base System for AViiON
ORIG-ID: U581081

Module: SYSADM
Rev: 3.10

Problem Summary:

Sysadm will not allow you to enter device names like sd(dgsc(vme(1),1,6),0,0) when setting up failover.

Answer Summary:

In DG/UX 5.4 Release 4.10 sysadm(1M) is enhanced to accept device names such as sd(dg-sc(vme(1),1,6),0,0).

STR: NASC-20352 DG/UX Base System for AViiON
ORIG-ID: U550964

Module: TAR
Rev: 3.00

Problem Summary:

Unable to retrieve large files off tar backups.

Answer Summary:

This problem is corrected in commands which will ship with DG/UX Release 4.10.

STR: NASC-19982 DG/UX Base System for AViiON
ORIG-ID: U528415

Module: TTYMON
Rev: 3.00

Problem Summary:

Autobaud matching is not reliable when the connection speed matches the initial speed setting in the port service.

Answer Summary:

Our investigation indicates that ttymon(1M) is matching correctly at 9600 baud when autobaud is enabled. To be certain that you are successful in using autobaud, be certain that your user community is sending a Carriage Return (CR) rather than a NewLine (NL). The ttymon program matches by looking for sequences sent by CR.

STR: NASC-20907 DG/UX Base System for AViiON
ORIG-ID: X000550

Module: UTMP
Rev: 3.10

Problem Summary:

The who command lists users which are currently not logged on to the system. The problems only occur for users who login via rlogin.

Answer Summary:

The who(1) command is reporting invalid data because of bad entries in the /etc/utmp file. These bad entries have not been made by any process which is part of DG/UX. They appear to have been made by a third party product.

STR: NASC-20544 DG/UX Base System for AViiON
ORIG-ID: U591591

Module: VI
Rev: 3.10

Problem Summary:

Vi does not behave correctly when moving between lines separated by blank lines. The "b" and "w" cursor controls will not work under certain situations.

Answer Summary:

The problem you reported is corrected in the version of vi(1) that will ship with DG/UX Revision 4.10.

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

STR: NASC-20892 DG/UX GNU C for AViiON
ORIG-ID: DG INTERNAL

Module: N/A
Rev: 2.45

Problem Summary:

The compile option '-D "dgux_5.4R3.00"' returns an error indicating that this is a malformed option. Removing the periods (i.e. "."), from the argument corrects the problem. "dgux_5.4R3.00" is allowed in the source code.

Answer Summary:

-D"dgux_5.4R3.00" is not valid. The argument to -D is supposed to be a valid name, followed by an optional value. Something like '-DDGUX_REV="dgux_5.4R3.00"' is legal. In your program, you could then use the name DGUX_REV in place of a string, as in 'const char * current_rev = DGUX_REV;'.

STR: NASC-20532 DG/UX GNU C for AViiON
ORIG-ID: U590619

Module: GNUC
Rev: 2.58

Problem Summary:

Shared memory C program with fork and wait system calls demonstrate a bug in the optimizer.

Answer Summary:

The program you sent with this STR requires that data_test be declared as a pointer to volatile, i.e.,: volatile struct data *data_test; Volatile tells the compiler that the variable WILL change its value and that the variable should not participate in optimizations that would modify any references to the variable.

DG/UX Motif for AViiON Model: A084A

STR: NASC-20984 DG/UX Motif for AViiON
ORIG-ID: U635747

Module: N/A
Rev: 1.22

Problem Summary:

Motif widget fails to get an event in motif 1.2.2. This is fixed in motif 1.2.3.

Answer Summary:

This problem is corrected in the version of Motif that will ship with DG/UX Revision 4.10.

DG/UX NFS for AViiON Model: C002A

STR: NASC-19605 DG/UX NFS for AViiON

Module: N/A

ORIG-ID: E431198

Rev: 3.00

Problem Summary:

Getting "NFS server not responding" errors and very slow transfer time to NFS server's NFS mounted file system.

Answer Summary:

This problem is corrected with patch dgux_5.4R3.10.p49. We understand that you have installed and successfully tested the patch.

STR: NASC-20362 DG/UX NFS for AViiON

Module: N/A

ORIG-ID: U573997

Rev: 3.00

Problem Summary:

NFS fails to allow access if the exports file contains a netgroup entry which points to another netgroup. According to the exports(4) man page a netgroup can be entered. netgroup(5) says that a member can be another group name.

Answer Summary:

This problem does not occur if adequate time is allowed for the newly modified NIS netgroup map to be updated and pushed to the clients, and for the cache in mountd to be flushed and the updated netgroup information to be read. An alternative to waiting (approximate 10 minute wait) would be to kill mountd on the YP servers and restart it.

STR: NASC-20596 DG/UX NFS for AViiON

Module: N/A

ORIG-ID: MAIL LOCKD

Rev: 3.10

Problem Summary:

Running mail or mailx on SunOS, Solaris, or HPUX, where the mail directory is NFS mounted from our DG/UX system, the mail or mailx program hangs.

Answer Summary:

It turned out that the permissions on /bin/mail on SunOS were different from the permissions on all of the other systems. Also, the group for /bin/mail on SunOS was "staff" and on the other systems it was "mail". Changing the permissions and group for /bin/mail on SunOS to match the other system's permissions and group corrected the problem.

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

STR: JAPN-905 DG/UX Package for AViiON (pre-Rev 5.4)

Module: KERN-DEV

ORIG-ID: ODG 2770

Rev: 2.01

Problem Summary:

System hang

Answer Summary:

The panic is due to a violation in the patch installation hierarchy which invalidated corrections to the dev.a module. Please reinstall the patches in the correct order to correct the problem.

STR: NASC-19062 DG/UX Package for AViiON (pre-Rev 5.4)

Module: KERN-UFM

ORIG-ID: E428876

Rev: 3.10

Problem Summary:

PCNFSD Version 2.00 does not work correctly with "share.exe", DOS file sharing and locking.

Answer Summary:

As we discussed, this problem is corrected in the version of the kernel libraries that will ship with DG/UX Release 4.10.

STR: NASC-19507 DG/UX Package for AViiON (pre-Rev 5.4)

Module: KERN-UFM

ORIG-ID: U492893

Rev: 3.10

Problem Summary:

Version 2.0 of pcnfsd will not allow access to Excel 5.0 documents on an NFS mounted file system on the AviiON. Other Windows applications work fine as does Excel 4.0. Excel 5.0 works fine with the 3COM pcnfsd.

Answer Summary:

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

STR: NASC-20119 DG/UX Package for AViiON (pre-Rev 5.4)

Module: KERN-UFM

ORIG-ID: U556851

Rev: 3.10

Problem Summary:

PCNFSD v2.00 and excel 5.00 do not work properly. Error "Cannot access 'file.xls'" occurs when trying to access the file on a nfs drive.

Answer Summary:

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

STR: JAPN-902 DG/UX Package for AViiON (pre-Rev 5.4)
ORIG-ID: ODG 2767

Module: KERNEL
Rev: 2.10

Problem Summary:

panic 2000075

Answer Summary:

This problem is being closed with your agreement as nonreproducible.

DG/UX TCP/IP for AViiON Model: C001A

STR: NASC-20430 DG/UX TCP/IP for AViiON
ORIG-ID: U577705

Module: KERN-INSO
Rev: 3.10

Problem Summary:

At 3.10 when we use the TCP Wrapper utility with tftpd, we get error: "tftpd: error processing ophdr".

Answer Summary:

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

STR: JAPN-915 DG/UX TCP/IP for AViiON
ORIG-ID: ODG 2780

Module: PEFN
Rev: 2.10

Problem Summary:

Panic 41000050

Answer Summary:

Per your agreement, this str is being closed. The problems being experienced were due to a faulty FDDI board.

STR: NASC-20875 DG/UX TCP/IP for AViiON
ORIG-ID: U597960

Module: PORTMAP
Rev: 3.00

Problem Summary:

Portmapper intermittently dies. Message in /var/adm/messages is: Dec 8 22:03:07 aquarius syslog: svc_run: - select failed: No child processes This is a development machine with only one user.

Answer Summary:

This problem is corrected in the version of portmap that ships with DG/UX 5.4 Release 3.10. The correction for this problem was to have portmap's SIGCLD signal handler properly save and restore errno in order not to cause unexpected behavior later.

DG/UX X Windows for AViiON Model: H001A

STR: NASC-20807 DG/UX X Windows for AViiON

Module: N/A

ORIG-ID: U616953

Rev: 3.10

Problem Summary:

/usr/bin/X11/xedit sets wrong permissions on newly created files under DG/UX 5.4R3.10.

Answer Summary:

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

STR: NASC-20910 DG/UX X Windows for AViiON

Module: N/A

ORIG-ID: U625243

Rev: 3.10

Problem Summary:

Title bar is 'left behind' when moving window within window using ArcView2.

Answer Summary:

This problem is corrected in X server that will ship with DG/UX revision 4.10.

ICOBOL 2 for AViiON Systems Model: L031A

STR: EURO-615303326ICOBOL 2 for AViiON Systems

Module: N/A

ORIG-ID:

Rev: 2.00

Problem Summary:

When trying to run program CWEP221T.PD (which was created using icoboldg -e -P 9 CWEP221T) using ICOBOL 1.71 an error message "Invalid editing character detected" appears.

Answer Summary:

This problem is corrected in the icoboldg module that will ship with DG/UX ICOBOL revision 2.06.

ICOBOL for AViiON Systems Model: L007A

STR: EURO-618112987ICOBOL for AViiON Systems

Module: N/A

ORIG-ID:

Rev: 1.71

Problem Summary:

AV8500+, DG/UX 5.4R3.10 with patch26, ICOBOL 1.71. After running for a few hours the system goes down with a MGS EXCEPTION 522 - Out of blocks. Sometimes this just appears on the users screens, sometimes in the icobol.log.

Answer Summary:

Please institute a regular schedule of shutting down ICOBOL and bringing it back up in order to clear out the LRU chain until such time as you are able to upgrade to the supported ICOBOL 2 product. The original ICOBOL product is no longer supported.

International Multi-User DG/UX Model: 31055

STR: SPA-882 International Multi-User DG/UX

Module: N/A

ORIG-ID: PENTA AV4300

Rev: 5.40

Problem Summary:

First time any av4300 (cold boot) powerup fails, system does'nt find the syac(0) device (integrated in cpu).__Botting from SCP> this device is always found.

Answer Summary:

Closed by user

Legato Networker for AViiON Model: Q017A

STR: INTL-1117 Legato Networker for AViiON

Module: N/A

ORIG-ID: 3005940

Rev: 3.00

Problem Summary:

Since upgrading DG/UX from rev 5.4R2.01 to Rev 5.4R3.00, we have been unable to label tapes from the Native netware client interface.

Answer Summary:

The "no such pool" error is an expected message when the volume is not in the media index. The "no such pool" message will occur if you are trying to label a tape that is already labelled and belongs to a non-default pool.

STR: NASC-19641 Legato Networker for AViiON
ORIG-ID: U476609

Module: N/A
Rev: 4.00

Problem Summary:

Networker prompts for a Default pool at the end of backups.

Answer Summary:

This problem is corrected in the version of Legato Networker that will ship with DG/UX Release 4.10.

STR: NASC-19999 Legato Networker for AViiON
ORIG-ID: U525329

Module: N/A
Rev: 4.00

Problem Summary:

Networker appears to be limiting the capacity of a tape array to 4Gb of data even when the array is using 5 tapes in the set.

Answer Summary:

As we've discussed, Networker is behaving as expected. With compression mode selected, all expected files are backed up correctly to the tape set. However, the statistical report generated produces the wrong data. It appears that only 1/2 as much data is backed up, this is being addressed as a separate issue under another STR (NASC21109). Therefore, we are closing this STR.

STR: NASC-20298 Legato Networker for AViiON
ORIG-ID: X000529

Module: N/A
Rev: 4.00

Problem Summary:

Networker cannot properly skip over a RAMDISK file system.

Answer Summary:

Documentation will be changed to include how Networker handles ramdisks. By default (i.e., when Save Set = All) Networker does not back up ramdisks. But when the ramdisk is explicitly listed in the save set window, the ramdisk backup will take place.

STR: SWE-836 Legato Networker for AViiON
ORIG-ID: NETWORKER REU

Module: N/A
Rev: 4.00

Problem Summary:

When reusing a tapeset by deleting and recreating it with the same name customer gets "tapelabel read error: no such device or adress" see str SWE835

Answer Summary:

This software trouble report was closed because we were not able to reproduce the problem with the information supplied. In the future please supply the process in detailed explicit steps which will be needed to reproduce the problem.

MHS for AViiON Systems Model: C136A

STR: NASC-20881 MHS for AViiON Systems

Module: ROUTER

ORIG-ID: U619031

Rev: 1.20

Problem Summary:

MHS messages are causing the MHS router to core. Removing the messages from the snd queue cleared this fault.

Answer Summary:

We were unable to determine exactly what caused MHS to have problems. The router was processing a version 70 format message when it encountered the error. It is possible that an application terminated before writing a full message into the snd directory, causing the corrupt message. We understand that you have had no further occurrences of this problem.

STR: SWIT-713 MHS for AViiON Systems

Module: ROUTER

ORIG-ID: NIB-941206

Rev: 1.20

Problem Summary:

SND directory contained empty files. This problem occurred when we tried to restart MHZS after the aviion hang. For restarting MHS, we had to delete all files in the snd directory.

Answer Summary:

It appears that the MHS 'snd' directory was in a strange state. There were many .bad and zero length files in there. This may have been due to the NetWare problems since they are all dated about the same time. As you already did, cleaning out the 'snd' directory would fix this situation. Unfortunately it is difficult from the files to determine what the cause of this problem was.

Micro Focus COBOL w/Toolbox for AViiON Model: L030A

STR: NASC-18317 Micro Focus COBOL w/Toolbox for AViiON

Module: N/A

ORIG-ID: E425385

Rev: 1.30

Problem Summary:

The insert key does not work in the Toolbox editor when TERM=wyse60 and the terminal is in wyse60 mode when using a d1400i terminal. The terminfo file being used is the file supplied with MicroFocus COBOL 2 with Toolbox.

Answer Summary:

The problem you have reported is a configuration problem rather than a bug in the Micro Focus products. Attached you will find a detailed description of how this problem may be corrected. In addition, revision 3.2 of Micro Focus COBOL with Toolbox will include additional terminfo files that may be used with the wyse terminal emulation.

NetWare Transport for AViiON Systems Model: C021A

STR: JAPN-894 NetWare Transport for AViiON Systems
ORIG-ID: ODG 2759

Module: NWD
Rev: 2.10

Problem Summary:

AViiON does not issue RIP response every 60 seconds.

Answer Summary:

NetWare for AViiON Systems is a port of Novell's NetWare for Unix. The problem you reported is a design issue with NetWare for Unix. We will look into increasing the time before failure in a future revision of NetWare for AViiON Systems.

OSI/Platform for AViiON Systems Model: C094A

STR: JAPN-931 OSI/Platform for AViiON Systems
ORIG-ID: ODG 2796

Module: N/A
Rev: 3.00

Problem Summary:

System down with panic code 2000075

Answer Summary:

This problem is not reproducible with the current release of OSIP (3.30). Please load the current release of OSIP 3.30 Patch level 10 on your system. IF the problem happens again please resubmit the STR.

STR: JAPN-919 OSI/Platform for AViiON Systems
ORIG-ID: ODG 2784

Module: N/A
Rev: 3.10

Problem Summary:

Osip_view did not terminate with telnet session disconnect.

Answer Summary:

This problem can not be reproduced using the current releases of DG/UX and OSI/P. We suggest that you rev up to the more current versions.

OpStar Jukebox Control Library Model: A229A

STR: NASC-19158 OpStar Jukebox Control Library
ORIG-ID: U445301

Module: JB
Rev: 1.60

Problem Summary:

System crashed with a panic code of 3000032 after installing patch opstar_1.60.p02.

Answer Summary:

As we discussed in our recent phone conversation, we are closing this STR with your permission. The problem causing this panic cannot be determined from the information supplied with this STR. We also understand that you are no longer running this configuration and this is no longer a problem for you.

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

STR: NASC-20831 PI/open for AViiON Systems (USA)
ORIG-ID: E439094

Module: N/A
Rev: 3.50

Problem Summary:

Error: "Fatal Error: program command line options could not be parsed Usage: piopen [options]" is given for 'piopen -isys isys_dir'. The environment included DG/UX revision 5.4.R3.00 and PI/open 3.5R11.

Answer Summary:

The -isys option of the piopen command was removed from the product at release 3.4.1. A request has been made to Vmark that they remove the reference to the option as found in the System Administrator's Guide. An alternative to the -isys option is to modify your script to set ISYS=<isys_dir>, export ISYS, and then exec piopen -boot 102.

SNA FOR AVIIION SYSTEMS Model: C011B

STR: GER-15301 SNA FOR AVIIION SYSTEMS
ORIG-ID: 3102211-00

Module: N/A
Rev: 4.00

Problem Summary:

Unable to acquire session via LU6.2 after reving VTAM from 3.3 to 4.2. Acquire session from host still works.

Answer Summary:

This problem was the result of an error in your SNA configuration file. It can be fixed by defining the correct CNOS Station in the SNA configuration file.

STR: INTL-1142 SNA FOR AVIION SYSTEMS
ORIG-ID: DEN-010195

Module: N/A
Rev: 4.00

Problem Summary:

After some period of time (normally once a day) the s2_schd fails with a core dump and the users are logged off the remote host. There are no problems in restarting the connection.

Answer Summary:

This problem occurred because s2_schd was not correctly returning memory to its memory pool after a session was terminated. This would eventually cause the process to run out of available memory and s2_schd would abort. A fix for this problem is included in the patch level sna_4.00.11, which has been made available to you.

SoftPC (DOS Emulator) for AViiON Systems Model: A001B

STR: SPA-1010 SoftPC (DOS Emulator) for AViiON Syste
ORIG-ID: SOFT-PC-3.0

Module: N/A
Rev: 3.00

Problem Summary:

when trying to execute the program CDKNOSYS.EXE from a VT terminal we get the following message: "Segmentation fault" and we are through out to the login prompt again. Work well with previous revision of Soft-Pc and in XWINDOW.

Answer Summary:

Graphics applications will not run properly on VT-100 emulation terminals. The Vt-100 terminal is not designed to process the graphics which are generated by these applications.

TermManager SW Model: 31489

STR: JAPN-878 TermManager SW
ORIG-ID: ODG 2743

Module: N/A
Rev: 3.00

Problem Summary:

Boot Fail at down load of the boot file from TermMGR

Answer Summary:

Unfortunately, this problem could not be resolved. The problem appears to be related to the Term-Manager being powered off and powered on again. If this problem persists please submit another STR and please enclose a sniffer trace of the problem occurring. Thank you for your interest in this product.

VMARK uniVerse Model: D055A

STR: NASC-11122 VMARK uniVerse
ORIG-ID: E061424

Module: N/A
Rev: 5.43

Problem Summary:

A T.REW will cause the tape to move forward to the end of the file and then rewind. A T.DET will cause the tape to move forward to the end of the file.

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 the Customer Support Center.

STR: NASC-14161 VMARK uniVerse
ORIG-ID: U097422

Module: N/A
Rev: 6.33

Problem Summary:

T.DET causes the tape to skip forward to the end of the file.

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 the Customer Support Center.

STR: NASC-18598 VMARK uniVerse
ORIG-ID: U423369

Module: N/A
Rev: 6.34

Problem Summary:

With an I descriptor expression, the record.ID isn't evaluated correctly in TRANS function if the record.ID is expressed as a multivalued. In a Basic program, a multivalued record.ID can be evaluated correctly.

Answer Summary:

As we agreed, we are closing this STR. Should this problem recur, please submit another STR, and please include the materials necessary to reproduce the problem including the DICT and DATA files.

STR: EURO-616600702VMARK uniVerse
ORIG-ID:

Module: N/A
Rev: 7.31

Problem Summary:

If a program aborts part way through a transaction before the COMMIT is reached, rollback does not happen, ie the transaction is left open. GTAR 14134

Answer Summary:

FIXED IN 7.3.2.1A.X2.

STR: NASC-19939 VMARK uniVerse
ORIG-ID: U521315

Module: N/A
Rev: 7.33

Problem Summary:

On remote printers, uniVerse cannot print large printouts in full when using uniVerse spooler. They can be printed with Unix spooler. The environment included uniVerse rel 7.3.3.1 and DG/UX rev 5.4.R3.00.

Answer Summary:

As we agreed, we are closing this STR until you have an opportunity to pursue this issue. Please contact the Customer Support Center for assistance with this problem.

STR: NASC-20308 VMARK uniVerse
ORIG-ID: U571016

Module: N/A
Rev: 7.33

Problem Summary:

Universe PA that does a Select and uses an ASSOCIATION will core dump after reving to 7.3.3.1.

Answer Summary:

Through our testing 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 upgrading, you continue to experience this problem please contact the Customer Support Center.

STR: NASC-20764 VMARK uniVerse
ORIG-ID: U609001

Module: N/A
Rev: 7.33

Problem Summary:

The System Administration Guide documents the arguments that are passed to a printer driver (ref. page 11-16); however, it only lists the first five. The sixth is the printer name and needs to be added to the documentation.

Answer Summary:

Thank you for your request for documentation. The S6 option has been included in the 8.3.1 release notes and will be added to the documentation with the next major release.

STR: SPA-1033 VMARK uniVerse
ORIG-ID: FLOPPY UNIVER

Module: N/A
Rev: 7.33

Problem Summary:

WE CANNOT ACCES TO A 3.5" FLOPPY DISK IN AN AV/8500 FROM UNIVERSE. WHEN WE TRY TO DO A T.DUMP OR T.LOAD, THE SYSTEM TRIES THAT WITH THE MAGNETIC TAPE, NOT WITH THE PLOPPY.

Answer Summary:

Although DG does not currently support floppy disk drives with uniVerse. Vmark had a suggestion to set the device type to T or DT. It is our understanding that when you tried this you were able to successfully access the drive.

SECTION 2:
Product Revision List

OPEN SYSTEMS

SOFTWARE 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
3270 PC GATEWAY	C189A	2.00 1.00	00 00	12/94 06/94	6/95
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 CLIENT	A330B	1.01	00	5/94	
AV IMAGE SCANNER (100-users)	A329B	1.01	00	5/94	
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	

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	
BUSINESS BASIC FOR AViON	L005A	1.40	00	05/94	
BUSINESS BASIC FOR 386/IX	L004A	1.20	00	05/92	
C++ (AT&T) - FOR SERVER	L018A	2.1.2 2.2.1	00 00	05/92 10/91	
CMIP/CMIS AGENT FOR AViON	C124A	3.10	00	01/93	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
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	6.1.8 6.0.1	00 00	11/94 05/94	06/95
DG/NETBEUI FOR AViiON	C086A	1.10 1.10	01 00	11/93 03/92	
DG SORT/MERGE FOR AViiON	R042A	1.72 1.71	00 00	02/95 05/93	
DG/UX OPERATING SYSTEM	Q501A P001A Q001A	5.4 5.4	3.10 3.00	09/94 02/94	
- B1 TRUSTED	Q012A	5.4 5.4	3.10 3.00	09/94 03/94	
- C2 TRUSTED	Q011A	5.4 5.4	3.10 3.00	08/94 03/94	
DG/UX X.25 FOR AViiON	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	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
FONT SERVER FOR 5921 X-TERMINALS	R064A	6.31	00	03/94	
FRAMEMAKER DOCUMENT FILTER	A008D A008C	4.00 3.00	00 00	12/94 09/92	06/95
FRAMEMAKER 3.0 ENGLISH FLOATING	A012C	3.10	00	03/92	
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	
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	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
INFOS CONNECTION SERVER FOR AViON	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	
INTERACTIVE COBOL RUNTIME FOR 386/IX	L014A	1.70	00	08/91	
LAN MANAGER FOR AViON	C102A	2.10	00	06/94	
LEGATO NETWORKER for AViON	Q017A	4.02 4.00	00 00	09/94 03/94	
MICROFOCUS COBOL/2 RUNTIME	L027A	3.11	00	05/94	
MICROFOCUS COBOL/2 WITH TOOLBOX	L030A	3.11	00	05/94	
MHS FOR AViON	C136A	1.20	00	04/93	
MHS GATE FOR AViON	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 AViON	R045A	1.00	00	01/92	
MXDB FOR AViON	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	
NETBIOS/TCP/IP FOR AViON	C166A	1.10	00	06/94	
NETINFO FOR AViON	C169A	3.00	00	01/93	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
NETWARE (4.X)	C131D	4.10	00	02/95	
NETWARE SERVICES FOR AViiON	C020A	3.00	00	07/94	
NETWARE TRANSPORT FOR AViiON	C021A	3.00	00	07/94	
ONC/NFS SYSTEM FOR AViiON	C002A	5.4 5.4	3.10 3.00	09/94 02/94	
OPENMAC/SERVICES FOR AViiON	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 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	
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	
SCO UNIX OS INTERNATIONAL	Q026A	4.20	00	10/93	

PRODUCT	MODEL #	REV.	UPD.	SHIPPED	SUPPORT ENDS
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	
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	
TUXEDO SYSTEM/VS FOR AViiON	Q014A	4.20 4.00	00 00	07/94 03/92	
UIM/X FOR AViiON	R033A	2.50	00	09/93	
VMARK UNIVERSE FOR AViiON	D055A D063A	7.3.3.1	01	08/94	
VTP FOR AViiON	C096A	3.30	00	07/93	
WESTERN EUROPEAN SYSTEM MESSAGES	Q019A	3.0	00	06/94	
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	

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) _____

WHEN DO YOU ANTICIPATE INSTALLING DG/UX 5.4R3.10? _____

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)**-----