Update Notice: ONC™/NFS® for AViiON® Systems

Release 5.4, Update 1

February 1992

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This release notice applies to the following models:

P001
Q001

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1 Introduction

This update notice describes the ONC™/NFS® 5.4, Update 1 product for Data General's family of AViiON® computers.

This update notice supplements or supplants information found in the *ONC/NFS 5.4 Release Notice*. In addition, this notice includes information not currently available in the product manuals (e.g., information developed after the current manuals were printed, or corrections to current manuals).

You may print additional copies of this update notice after you have installed the DG/UX System. A copy suitable for line printers can be found in the file **/usr/release/nfs_5.4.1.un**. In the event of (actual text) differences between the printed copy of this notice and the online lineprinter version, the printed copy takes precedence.

2 Product Description

Refer to the *ONC/NFS 5.4 Release Notice* for information regarding DG/UX product description. ONC/NFS 5.4, Update 1 fixes problems known with Release 5.4.

3 Environment

3.1 Hardware

ONC/NFS 5.4, Update 1 runs on the Data General AViiON series machines with revision E.2 or later of the MC88100 processor and a minimum of 8 megabytes of main memory, at least 322 megabytes of disk storage, a system console (or graphics monitor for workstations), and a tape drive (for software distribution).

3.2 Software

Before you load ONC/NFS 5.4, Update 1, first load ONC/NFS Release 5.4.

4 Enhancements and Changes

The following changes have been made to the DG/UX system kernel and to ONC/NFS commands for ONC/NFS 5.4, Update 1.

4.1 Kernel Changes

Changes have been made in the kernel that now allows booting to a **mountd**(1C) that is running in secure mode. This now means that the **mountd_ARG** contained in the **nfs.params** file can allow security (secure RPC) to be turned on.

4.2 Header Files

There are no changes to header files.

4.3 Libraries

There are no changes to libraries.

4.4 Commands

The following commands have been enhanced or changed:

4.4.1 Automount(1M)

The most recent ONC release of of the automounter (released with SunOS 4.1) has been ported to DG/UX 5.4.1. A number of additional bugs in the operating system that affected **automount** functionality have been fixed.

4.4.2 Lockd(1M)

A bug which occasionally occurred when diskless clients were unexpectedly rebooted (eg, following a power outage or system crash) that caused the server's **lockd** to malfunction has been fixed.

4.4.3 On(1)

The **on** command now passes the umask of the user to Data General machines running this version of **rexd**(1C).

4.4.4 Pcnfsd

There was a bug in parsing arguments sent to the 5.4 **lp** command. This has been fixed.

4.4.5 Rexd(1C)

The **rexd** server now accepts the umask of the user from Data General machines running this version of **on**(1C).

4.4.6 Rpcgen(1)

Logic has been added to eliminate duplicate, non-conflicting entries in unions. This was causing our compiler to generate errors.

4.4.7 Statd(1M)

The ONC **statd** protocol is unaware of network routing issues. When mounting remote NFS file systems on which remote file locks will be set, the **mount** command should specify the remote host using the same name that is returned by the **hostname**(1M) command on the server. This is crucial for diskless client machines. By default, the **sysadm**(1M) command handles this situation correctly.

4.5 Software Trouble Reports Resolved

Following is a list of Software Trouble Reports that have been resolved in DG/UX Release 5.4, Update 1. The problem descriptions given here are listed exactly as described in the original report filed by customers. Please refer to the DG/UX Monthly Newsletter for additional details.

NASC-000010341-0 If an entry exists in the passwd source file that does not have a group id specified, a yp make will complete successfully, and the passwd maps will be pushed to the other yp servers, but "yppasswd" no longer works for any user.

NASC-000010959-0 TCP/IP's rpcgen creates enumeration types with a trailing comma, yielding an invalid syntax for the 'C' language when used with the -h option for header files.

5 Notes and Warnings

There are no notes or warnings for ONC/NFS Release 5.4, Update 1.

6 Documentation

6.1 Titles

For a complete list of titles, see **/usr/release/doc_guide**.

6.2 Changes

The ONC/NFS man pages are now part of the DG/UX reference manuals.

7 Software Distribution

7.1 Media

ONC/NFS is delivered as part of the DG/UX client-server package. See the DG/UX 5.4, Update 1 update notice for more information.

7.2 Organization

Since the ONC/NFS product is bundled with the DG/UX System, a tape layout cannot be provided here. If it is desired, the **sysadm lstoc** command can be used to display the exact layout of any release tape (prior to loading any files).

7.3 Files

A list of ONC/NFS 5.4, Update 1 files that are loaded when the DG/UX 5.4, Update 1 tape is loaded, is available in the files called **/usr/release/onc_5.4.1.fl** and **/usr/release/nfs_5.4.1.fl**.

8 Installation Instructions

You must load Release 5.4, Update 1 of ONC/NFS over an ONC/NFS Release 5.4 system. You may load ONC/NFS 5.4 and 5.4, Update 1 in the same system installation session. For more information on installing and setting up ONC/NFS, see *Installing the DG/UX System*.

9 Preparing a Software Trouble Report (STR)

See the "Preparing a Software Trouble Report (STR)" section of the *DG/UX 5.4 Release Notice*. When submitting an ONC/NFS 5.4.1 STR, be sure to list all patches applied to your system as well as the correct hardware model number (e.g., AV5000, AV6000, AV7000, or AV8000).

End of ONC/NFS Update Notice