[TD 2601-CR] New Advanced File System Utilities Tru64/DUNIX V4.0E Patch - BLIT

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SOURCE: Compaq Computer Corporation   INFORMATION   BLITZ

INFORMATION BLITZ TITLE: New Advanced File System Advanced
                          Utilities, V4.0e Kit Announcement

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INFORMATION BLITZ #: 2601-CR

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DEPARTMENT: UNIX BUSINESS SEGMENT

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PRODUCT NAME(S) IMPACTED: Compaq Tru64 UNIX/Digital UNIX

PRODUCT FAMILY(IES):   PRODUCT NUMBERS:

Storage   ___   _____
Systems   ___   _____
Networks   ___   _____
PC   ___   _____
Software   _X_   Tru64 UNIX/Digital UNIX
Other (specify) ___   _____

PROBLEM STATEMENT:

    To prevent the reversion of the defragment utility, recently
    released patch kits for DIGITAL UNIX V4.0D and V4.0E will
    prevent the installation of older Advanced File Systems
    Advanced Utilities kits.

PROBLEM SYMPTOM:

    Attempts to install these older kits will produce an error
    indicating that the user must obtain a newer release of the
    Advanced File Systems Advanced Utilities kit.

SOLUTION:

    Get a newer release of the Advanced File Systems Advanced
    Utilities kit.

The kit described in this blitz will be available via
anonymous ftp from ftp.service.digital.com. It should
be named AFA436.tar.

Before it is placed onto that site, it should be available
to internal user via ftp from slugbt.zso.dec.com.


```
ftp slugbt.zso.dec.com
user: anonymous
anonymous: <enter your e-mail address>
FTP> binary
FTP> cd pub/advfs/r436
FTP> get AFA436.tar.1999.02.Feb.05            ! 6440960 bytes
FTP> ascii
FTP> get AFA436.tar.1999.02.Feb.05.cksum    !      45 bytes
FTP> get AFA436.tar.1999.02.Feb.05.sum      !      39 bytes
FTP> quit
```

Compare the contents of the file AFA436.tar.1999.02.Feb.05.cksum
against the output produced by the command
        cksum AFA436.tar.1999.02.Feb.05
The two numbers should be identical. Similar results should
be obtained with the sum utility.

ADDITIONAL COMMENTS:

Advanced File System Utilities, V4.0e, r436 Kit Description

Due to the migration of the defragment utility from the
Advanced File System Advanced Utilities kit into the
DIGITAL UNIX operating system for DIGITAL UNIX V4.0D,
installing prior releases of the Advanced File System
Advanced Utilities software on DIGITAL UNIX V4.0D and
later will result in conflicting or incorrect information
in the system's database of installed software. As a
result, de-installing an older Advanced File System
Advanced Utilities kit may delete the defragment utility
from the system.

To address this issue, recent patch kits for DIGITAL UNIX
versions V4.0D and V4.0E will

        1) repair the installed software database, and
        2) prevent the installation of the older Advanced
           File System Advanced Utilities kits.

Similar functionality is being built into the next release
of the operating system. (Compaq's Tru64 UNIX)

If you have installed a patch kit that prevents the
installation of the older Advanced File System Advanced
Utilities kits, you will only be able to install a newer
kit on your system. The kit described by this blitz

contains the same code base as the previous release of
the v4.0e Advanced File System Advanced Utilities kit
(release 435), but the defragment utility has been moved
into a separate subset so as to prevent the problem
from recurring.

   Note that there are no known installation order dependencies
   between this kit and the new patch kits for DIGITAL UNIX.

Installation Overview

This kit is installed using the setld utility. All prior
releases of this software must be removed before installing
this release. See the Installation Guide for complete details.
A summary follows:

     1) Log onto the system as root.

     2) Shut down the existing daemon with the following command:

             /sbin/init.d/advfsd stop

     3) Remove the existing AdvFS Advanced Utilities subsets.

        The following command may be used to determine which kits
        are installed on your system:

             /usr/sbin/setld -i

        To find which kits should be deleted, use the following
        command:

             /usr/sbin/setld -i | grep AFAADV | grep installed

        The kits which should be deleted would have names beginning
        with one of the following strings:

                AFAADVANCED4*
                AFAADVMAN4*
                AFAADVDAEMON4*
                AFAADVGUI4*

        To remove a kit, use a command of the form:

             /usr/sbin/setld -d [subset-name]

        e.g.,

             /usr/sbin/setld -d AFAADVDAEMON401

     4) Extract the subset files from the ECO kit.

        The subset files are shipped together in one tar file.
        Before you can install the new kit, you must extract the
        subset files from the tar file. First locate a filesystem

which has sufficient space to hold the extracted subset
files. (This should use approximately 6 megabytes of disk
space.) Then cd to a directory on that filesystem.

The subset files are stored in dot-relative form in the tar
file. When unpacked, the ECO kit will create two directories
in your current directory: kit, and doc. For example, if
the ECO kit is in your current directory, and you wish to
store the subset files in the same directory tree, you might
do the following:

        a) mkdir AFA436
           This creates a directory "beneath" your current
           directory where the subset files will be put.

        b) cd AFA436
           Move into the directory

        c) tar -xvf ../AFA436.tar .
           This command extracts the subset files from the ECO
           tar file that is named "AFA436.tar" and stored in
           the ".." directory. (That is, the directory which
           holds the AFA436 directory.)

        d) ls
           This will show you the contents of the AFA436
           directory. You should see two directories: kit and
           doc. The subsets and control files are in the kit
           directory.

5) Install the new kit using a command of the form:

        /usr/sbin/setld -l [location of setld files]

   Continuing from the previous example, do:

        a) cd kit
        b) /usr/sbin/setld -l .

   You will be presented with a menu of subsets that you may
   install. Note that with this kit has an additional subset.
   The AFADEFRAGMENT subset did not exist in previous kits.
   If you do not have the defragment binary on your system,
   the AdvFS Defragment utility will be selected automatically.

6) If you chose to install the AdvFS Daemon, you may restart it
   with the command:

        /sbin/init.d/advfsd start

A system reboot is not necessary.

NOTE:

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