

# **READ ME FIRST**

**Please read this System Software Notice, as well as Chapter 2 of the SR10.4 System Software Release Document, before installing SR10.4.**

## **SR10.4 System Software Notice**

### **(Addendum to *Domain/OS SR10.4 System Software Release Document*)**

(Order No. 019534-A00)

This addendum provides important release information that was unavailable when the *Domain/OS System Software Release Document* (018901-A00) was printed for this release. Please refer to that release document for details about SR10.4. The release document is distributed in hardcopy and online in the file `/install/doc/apollo/os.v.10.4__notes`.

## **Conformance to OSF Application Environment Specification (OSF AES)**

The SysV environment of Hewlett-Packard Domain/OS SR10.4 is validated to AES/OS Revision A.

Hewlett-Packard certifies that Domain/OS SR10.4 SysV conforms to the OSF Operating System Application Environment Specification and has successfully been validated using the Validation Test Suite for OSF/1 with no waivers.

OSF and OSF/1 are trademarks of the Open Software Foundation, Inc.

## **Compressed Software Release Bulletin**

The SR10.4 distribution media contain an online version of the Software Release Bulletin. To conserve media and disk space, this file is delivered in `compress(1)` format. To read this file, uncompress it using the following commands:

```
/sys5.3/bin/ln /usr/apollo/bin/compress /tmp/zcat  
/tmp/zcat <aa>/install/doc/apollo/os.v.10.4__software_release_bulletin.Z > /tmp/software_bulletin
```

## **Warnings to Ignore**

When you install onto a disk which also happens to contain the authorized area, you will receive warnings of the following type:

```
WARNING: Unable to install //node_name/install/doc/apollo/os.v.10.4__bind4.8_operations_guide  
can't copy a file or tree to itself (US/file utility)  
WARNING: Unable to install //node_name/install/doc/apollo/os.v.10.4__software_release_bulletin.Z  
can't copy a file or tree to itself (US/file utility)
```

You can ignore these warnings, which are spurious; the files mentioned are indeed installed.

## **/usr/X11 change from link to local copy**

The SR10.4 install tool provides the capability to change links to local copies. However, due to a defect, this feature does not work in the case of the `/usr/X11` tree. If you have the X Window System installed as a link to another node and wish to change it to a copy local to your node, you must either delete the `/usr/X11` links on your local node before running the install or simply rerun the install a second time. Other changes from links to local copies (e.g., the `sys5.3` or `bsd4.3` environment) work correctly.

## X Libraries Operate in Both BSD and SysV Environments

The X Window System runtime environment is delivered in the files `/lib/x*.r4`. Please note that even though these libraries are stamped `RUNTYPE=bsd4.3`, they operate properly in both BSD and SysV environments.

## Series 425 Boot problem

Certain configurations of Series 425e systems with 425 megabyte disk drives exhibit an intermittent problem which prevents them from booting. The crash status code is 8002B. Since the problem is intermittent, subsequent attempts to boot the system are usually successful. Once booted successfully, the Series 425e exhibits no other anomalous behavior.

## `/usr/include` not installed when using `sys5.3_med` template

The system header files (`/usr/include`, `/usr/apollo/include`) do not get installed if you use either of the 'sys5.3\_medium' templates. If you need these header files, use one of the 'sys5.3\_large' templates. The 'bsd4.3\_medium' templates do deliver the system header files, as is stated in the Release Notes.

## Error in *Domain/OS System Software Release Document*

The list of Magnetic tape distributions in Section 2.8 of the *Domain/OS System Software Release Document* is in error. *Magnetic tape* media kits for the a88k contain only six tapes, not seven. The correct list is as follows:

```
MT_STD_SFW_1
MT_STD_SFW_2
MT_STD_SFW_3
MT_STD_SFW_4
MT_STD_SFW_5
MT_STD_SFW_6
CRTG_STD_SFW_BOOT_1
```

## Problem with Installing from Merged AA's

If you install SR10.4 from an Authorized Area produced by the `mrgri` tool on to a Series 10000 system, the system will not boot properly unless you follow the steps described below. This happens because the X Window Systems environment on Series 10000 systems differs considerably from that on m68k systems. Note that this problem does not occur when installing from non-merged (e.g. vanilla) authorized areas.

To avoid this problem, follow the three steps below *after installing the merged software but before rebooting the system*.

These steps must be executed as 'root':

### 1. Create a `cmpexe x11lib`:

Use the `xar` command to produce a `cmpexe x11lib` from the `x11lib.r4` from the m68k AA and the `x11lib` from the a88k AA:

```
/usr/apollo/bin/xar -c /tmp/x11lib.r4 -t a88k <a88k_aa>/install/ri.apollo.os.v.10.4.p/lib/x11lib \
-t m68k <m68k_aa>/install/ri.apollo.os.v.10.4/lib/x11lib.r4
```

2. Copy this **x11lib** to the target of the install (e.g., the boot disk of the a88k system):

```
/com/cpf /tmp/x11lib.r4 <install_target>/lib/x11lib.r4 -r -du -l -f
```

3. Check the **x11lib** link on the a88k system:

*<install\_target>/lib/x11lib* needs to be a link to *<install\_target>/lib/x11lib.r4*. If it is not, make it so with the following command:

```
/com/crl <install_target>/lib/x11lib <install_target>/lib/x11lib.r4
```

Now the a88k system will boot properly.

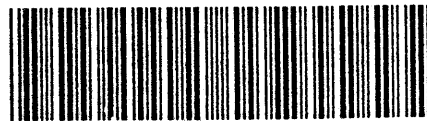
For more information, see the Engineering Note "SR10.4 MRGRI Issues", available through the HP Support Line (HPSL).



**HEWLETT  
PACKARD**

Copyright ©1992  
Hewlett-Packard Company  
Printed in USA E0392

**Manufacturing  
Part No.  
019534-A00**



019534-A00