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Cover Letter for VAXstation™ 3100, Model 76 System

EK–VMS31–CL

The following release notes apply to the VAXstation 3100 Model 76 system:

- Mouse Performance—The mouse included with the VAXstation 3100 Model 76 system uses two "feet" (one for moving horizontally and one for moving vertically) instead of a ball. For optimum performance with this type of mouse, choose **Pointer ...** from the Session Manager's Customize menu. Then, set the mouse speed (Pointer Acceleration) in the Customize Pointer dialog box to Fast, instead of Medium (which is the default setting required for a mouse with the ball design).

  Mouse performance, including improved diagonal movement, will be addressed in a future version of DECwindows.™ Mouse performance on systems running VMS™ Workstation Software (VWS) is unaffected.

- Upgrading with SPX Graphics—If you upgrade your system to a VAXstation 3100 Model 76 with an SPX graphics option and the system fails to boot (that is, if it crashes and generates a DECwindows-specific, fatal internal error), do the following:

  - If you are booted into a cluster, contact the system manager and request that the SYSGEN parameter SPTREQ be set to 2800.

  - If you are not booted into a cluster, do the following:

  1. Halt the system.

  2. At the prompt (>>>), enter the following:

     ```
     >>> B/1 device-name
     ```

     Substitute the device name of the system disk for *device-name*. For example, to boot from a drive with a device name of DKA400, enter the following command and press RETURN:

     ```
     >>> B/1 DKA400
     ```

     (See *VMS Installation and Operations: VAXstation 3100, MicroVAX 3100 Series* for more information about device names and booting the system.)

  3. At the next prompt (SYSGEN>), enter the following:

     ```
     SYSGEN> SHOW SPTREQ
     ```

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4. If the value is 2800 or more (and the system failed to boot), submit a QAR. If the value is less than 2800, enter the following:

```
SYSGEN>  U C
SYSGEN>  SET SPTREQ 2800
SYSGEN>  EXIT
```

The system should resume booting normally.

This behavior (system crash while upgrading with SPX Graphics) will be corrected in a future release of the VMS operating system.

- AUTOGEN—The default AUTOGEN parameters set LOCKDIRWT to 1. To avoid potential performance problems, set LOCKDIRWT to 0.

- System Crash—If your system crashes and your subsequent ANALYZE/CRASH and SHOW STACK commands generate a display in the stack that includes SYSLOA+00D2C, ignore that specific output and reboot the system. The system should resume normal operations. This behavior will be corrected in the next maintenance release of the VMS operating system. A sample display follows:

```
$  ANALYZE/CRASH SYSDUMP.DMP

VAX/VMS System dump analyzer

%SDA-W-NOTSAVED, global pages not saved in the dump file
%SDA-W-NOTSAVED, processes not saved in the dump file
Dump taken on  1-JAN-1990 00:00:00.00
UNXINTEXC, Unexpected interrupt or exception

SDA>  SHOW STACK

CPU 00 Processor stack
----------------------
Current operating stack (INTERRUPT):

  808751D8   00000000
  808751DC   00000000
  808751E0   8000AAC0 SCS$GQ_CONFIG
  808751E4   FFFFFFFF
  808751E8   00000000
  808751EC   808751F0
  808751F0   805C2F8C SYSLOA+00D2C
  808751F4   041A0000

  SP =>  808751F8   800030F0 SCH$SCHED
  808751FC   04080000
SDA>  EXIT
$
```