Sun Fire™ Entry Level Midrange Systems Firmware 5.20.2 Release Notes

Sun Fire E2900/V1280 and Netra 1280/1290 Systems

Sun Microsystems, Inc.
www.sun.com

Part No. 819-7475-10
August 2006, Revision A

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Sun Fire Entry-Level Midrange Systems Firmware 5.20.2 Release Notes

This document provides general information and system limitations for firmware release 5.20.2 on Sun Fire E2900/V1280 and Netra 1280/1290 systems. This document supplements, and does not replace, earlier versions of the Sun Fire Entry-Level Midrange System Firmware 5.20.0 Release Notes (part number 819-5084-10).

Related Firmware Documentation for Sun Fire Midrange and Entry-Level Midrange Systems

The following documentation sets are relevant to the 5.20.2 firmware:

- Sun Fire midrange (E6900/E4900/6800/4810/4800/3800) systems
  - *Sun Fire Midrange Systems Platform Administration Manual* (part number 819-5088-10)
  - *Sun Fire Midrange System Controller Command Reference Manual* (part number 819-5089-10)
  - *Sun Fire Midrange Systems Firmware 5.20.0 Release Notes* (part number 819-5087-10)
  - *Sun Fire Midrange Systems Firmware 5.20.1 Release Notes* (part number 819-6576-10)
  - `Install.info` – A text file included with the firmware that describes the firmware upgrade and downgrade procedures for Sun Fire midrange systems.

For firmware upgrade and downgrade information on entry-level midrange (E2900/V1280/Netra 1280/Netra 1290) systems, refer to the *Sun Fire Entry-Level Midrange System Administration Guide.*

- Sun Fire entry-level midrange (E2900/V1280 /Netra 1280/Netra 1290) systems
  - *Sun Fire Entry-Level Midrange System Administration Guide* (part number 819-5086-10)
  - *Sun Fire Entry-Level Midrange System Controller Command Reference Manual* (part number 819-5085-10)
  - *Sun Fire Entry-Level Midrange System Firmware 5.20.0 Release Notes* (part number 819-5084-10)
  - *Sun Fire Entry-Level Midrange System Firmware 5.20.1 Release Notes* (part number 819-6577-10

Features Introduced in the 5.20.2 Release

This section provides a brief description of the new features in 5.20.2 for Sun Fire entry-level midrange systems.

Commands Added or Modified for 5.20.2

The following SC commands were added or modified in 5.20.2:

- `showenvironment-` Modified `showenvironment` command to add tachometer output.
- `showchs -b` – Added to depict faulty components

For details on this command, refer to its description in the *Sun Fire Entry-Level Midrange System Controller Command Reference Manual.*

Modified `showenvironment` Command to add Tachometer Output

Note – Currently the `showenvironment` command tachometer output is applicable to Netra 1290 systems only.

Fan tachometer output (currently N1290 systems only) for fan trays that are equipped with a tachometer, CODE EXAMPLE 1.

CODE EXAMPLE 1 `showenvironment` Command Tachometer Output

```
lom> showenv
Slot     Device      Sensor         Value  Units      Age      Status
-------  ----------  ------------  ------  ---------  -------  ------
SSC1     SBBC 0      Temp. 0        40      Degrees C   11 sec OK
********   NEW OUPUT   **********************
/N0/FT0 Fan Tach 0 Tachometer 0 2636    RPM           9 sec OK
/N0/FT0 Fan Tach 1 Tachometer 0 2678    RPM           8 sec OK
/N0/FT0 Fan Tach 2 Tachometer 0 2657    RPM           7 sec OK
/N0/FT0 Fan Tach 3 Tachometer 0 2657    RPM           6 sec OK
/N0/FT0 Fan Tach 4 Tachometer 0 2678    RPM           5 sec OK
/N0/FT0 Fan Tach 5 Tachometer 0 2657    RPM           4 sec OK
/N0/FT0 Fan Tach 6 Tachometer 0 2636    RPM           3 sec OK
/N0/FT0 Fan Tach 7 Tachometer 0 2657    RPM           2 sec OK
```

Added `showchs -b` Command

See following example for the `showchs` -b command.

CODE EXAMPLE 2 `showchs -b` Command Output

```
lom>showchs -b
Component            Status
---------------      --------
/N0/RP0              Suspect
/N0/RP2              Suspect
/N0/SB2              Suspect
/N0/SB4              Suspect
/N0/SB4/P1/B0/D1/L0 Faulty
/N0/SB4/P1/B0/D1/L1 Faulty
/N0/SB4/P1/B1/D1/L0 Faulty
/N0/SB4/P1/B1/D1/L1 Faulty
/N0/IB6              Suspect
```