

[HPADM] Memory checksum Errors in rp2470

Source: <http://unix.derkeiler.com/Mailing-Lists/HP-UX-Admin/2003-12/0051.html>

From: Joe Brancalone (joe_at_nitech.com)

Date: 12/11/03

Date: Wed, 10 Dec 2003 15:54:18 -0800

To: "Hpux-Admin@Dutchworks.NL (E-mail)" <hpux-admin@dutchworks.nl>

Dear list,

I'm getting memory checksum errors while booting up an rp2470 server. The messages are below, which pop up on the console during the memory testing phase of POST (particularly after the "memory config 7214" lines). I can't seem to find any documentation explaining the reasons why I'd get "checksum errors" with memory that apparently works ok.

– Is this a critical error because of faulty memory modules? I tried switching around the modules but it did not change when the errors appear. (always comes after the 7214 lines)

– Or is this really a "non-critical" error because they are third-party modules? Installing and booting the OS went fine. The OS reported the correct amount of memory, etc.

Thanks in advance.

***** EARLY BOOT VFP : SYSTEM ALERT *****

SYSTEM NAME: unknown

DATE: 12/10/2003 TIME: 19:35:36

ALERT LEVEL: 6 = Boot possible, pending failure – action required

REASON FOR ALERT

SOURCE: 7 = memory

SOURCE DETAIL: 4 = SIMM or DIMM SOURCE ID: FF

PROBLEM DETAIL: C = checksum error

LEDs: RUN ATTENTION FAULT REMOTE POWER

FLASH FLASH OFF OFF ON

LED State: Running non-OS code. Non-critical error detected.

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Check Chassis and Console Logs for error messages.

0x2000006C74FF21C2 0000FF00 0001FF74 – type 4 = Physical Location

0x5800086C74FF21C2 0000670B 0A132324 – type 11 = Timestamp 12/10/2003
19:35:36

A/a: ack read of this entry – Q/q: quit Virtual Front Panel Display

Anything else redisplay the log entry

->Choice:a

memory config 7213

memory config 7214

***** EARLY BOOT VFP : SYSTEM ALERT *****

SYSTEM NAME: unknown

DATE: 12/10/2003 TIME: 19:35:38

ALERT LEVEL: 6 = Boot possible, pending failure – action required

REASON FOR ALERT

SOURCE: 7 = memory

SOURCE DETAIL: 4 = SIMM or DIMM SOURCE ID: FF

PROBLEM DETAIL: C = checksum error

LEDs: RUN ATTENTION FAULT REMOTE POWER

FLASH FLASH OFF OFF ON

LED State: Running non-OS code. Non-critical error detected.

Check Chassis and Console Logs for error messages.

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19:35:38

A/a: ack read of this entry – Q/q: quit Virtual Front Panel Display

Anything else redisplay the log entry

–>Choice:a

memory config 7213

memory config 7214

***** EARLY BOOT VFP : SYSTEM ALERT *****

SYSTEM NAME: unknown

DATE: 12/10/2003 TIME: 19:35:41

ALERT LEVEL: 6 = Boot possible, pending failure – action required

REASON FOR ALERT

SOURCE: 7 = memory

SOURCE DETAIL: 4 = SIMM or DIMM SOURCE ID: FF

PROBLEM DETAIL: C = checksum error

LEDs: RUN ATTENTION FAULT REMOTE POWER

FLASH FLASH OFF OFF ON

LED State: Running non-OS code. Non-critical error detected.

Check Chassis and Console Logs for error messages.

0x2000006C74FF21C2 0000FF00 0003FF74 – type 4 = Physical Location

0x5800086C74FF21C2 0000670B 0A132329 – type 11 = Timestamp 12/10/2003

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19:35:41

A/a: ack read of this entry – Q/q: quit Virtual Front Panel Display

Anything else redisplay the log entry

->Choice:a
