

SunManagers: SUMMARY: Faulty CPU? ([AFT1] EDP event on CPU8 Instruction access)

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From: Kevin A. Sindhu (kevin.a.sindhu_at_mail.ac)

Date: 05/29/04

Date: Fri, 28 May 2004 20:24:00 -0700

To: sunmanagers@sunmanagers.org

Hi All,

Sorry for the late summary, but I just got my vendor (anysystem.com) to replace the CPU. [Excellent Vendor BTW!!! I highly recommend them to anyone looking to buy a sun stuff for cheap]. Anyways, I want to thank:

NetComrade <netcomrade@bookexchange.net>

joe_fletcher@btconnect.com

Michael Horton <Michael.Horton@acntv.com>

Musa Williams <mario.williams@ncr.com>

In addition to my mail here at sunmanagers, I cross-posted the same question to comp.unix.solaris which also had some "very" good responses to my question (Some from a few sun folks)

Here is the thread: <http://babyurl.com/8ySyw8> [1]

For more info about the error:

```
WARNING: [AFT1] EDP event on CPU8 Instruction access at TL=0, errID
0x00012ea4.181de673
```

```
AFSR 0x00000000.80400020<PRIV,EDP> AFAR 0x00000000.ff0f9258
```

```
AFSR.PSYND 0x0020(Score 95) AFSR.ETS 0x00 Fault_PC 0x10f9240
```

```
UDBH 0x0000 UDBH.ESYND 0x00 UDBL 0x0000 UDBL.ESYND 0x00
```

Please see the above thread for more responses. The response from this list was also excellent with about a 50/50 split on what to do next.

>From what I understand, Sun's policy on this if it happens once is to log it and monitor it. They would replace it if this happens more than once in 6 months. Other recommended me to seek replacement. I did the latter and am a happy camper now with a sparkling new CPU :)

Some very good links:

http://www.filibeto.org/sun/lib/hardware/enterprise_4500/BP_Ecache_10-16-01.pdf

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If anyone here running (or planning to run) Sun Enterprise eXX00, then you have to get a copy of Sun Enterprise xx00 Problem Solving Manual with Sun Part # 910-4188. This pdf comes with a warning: "Sun Proprietary/Confidential: Internal Use Only" so unfortunately I cannot post any links to it. Excellent resource!!

[1] -

[http://groups.google.ca/groups?hl=en&lr=&ie=UTF-8&edition=ca&threadm=KrQqc.507651\\$Pk3.279702@pd7tw1nc](http://groups.google.ca/groups?hl=en&lr=&ie=UTF-8&edition=ca&threadm=KrQqc.507651$Pk3.279702@pd7tw1nc)