

Re: VMIC reflective memory crash

Source: <http://unix.derkeiler.com/Newsgroups/comp.os.vms/2005-07/0234.html>

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In article

<OF3780AFDD.CC24CFF5-ON07257030.006676D5-07257030.0066F6B3@mck.us.ray.com>, David D Miller <ddmiller@raytheon.com> wrote:

>Folks:

>

>I have a VMIC RFM2G (5565) reflective memory card (it's a PCI card)

>installed on an Alpha ES45 running VMS 7.3-2. The driver was written by a

>contractor because VMIC doesn't support VMS.

>

>>From time to time, VMIC memory is shifted 8 bytes and VMS crashes.

When VMS crashes, are you getting crash dumps? If not, start by configuring the system to generate dumps. I recommend testing the configuration by forcing VMS to crash.

The default crash dump file is SYS\$SYSTEM:SYSDUMP.DMP. After a crash, save a copy of the dump in another file, so it won't be overwritten if the system crashes again:

```
$ ANALYZE/CRASH SYS$SYSTEM:SYSDUMP.DMP
```

```
SDA> COPY SYS$SYSTEM:<descriptive name>.DMP
```

Start your investigation with the CLUE CRASH command in SDA:

```
SDA> CLUE CRASH
```

>I need some help – I'm not into crash dumps or XDELTA -- I don't know where >to start. Any tips would be appreciated.

If the problem is due to a bug in the device driver, you'll need accurate compiler listings and linker maps .