

# WARNING: interrupt level 6 not serviced

*Source:* <http://unix.derkeiler.com/Mailing-Lists/SunManagers/2005-04/0241.html>

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Date: Mon, 18 Apr 2005 11:23:29 -0700 (PDT)

To: [sunmanagers@sunmanagers.org](mailto:sunmanagers@sunmanagers.org)

Hello all,

I have seen this error in the messages file on multiple machines after deploying the Recommended Patch Cluster dated March 29, 2005. I did not see any of these during our testing before rolling out these patches to 20+ production servers. All of these servers are either Netra T1 or SunFire V120 servers, Solaris 8, 512 MB memory, 2-36 GB SCSI drives and either qfe or GigaSwift ce quad Ethernet cards. I have also included the output from "prtconf -v" below.

I searched the archives and Googled for the error with the result that:

A. Interrupt 6 typically refers to a network driver issue (but not always), and

B. If anyone else has seen this lately, they haven't figured it out or posted a summary.

I will be more than happy to summarize if someone can point me in the right direction to find out more about this warning, or if I can ignore the occasional unserviced interrupt.

Right now, the warnings are making me tired as I have our paging system text message me all log entries that have "WARNING" in them...and these entries are only happening at 3 and 4 AM :-).

Here are more details about one specific machine that has had 4 of these messages:

Here are the messages from /var/adm/messages:

```
Apr 15 03:00:33 xyz unix: [ID 882636 kern.warning] WARNING: interrupt level 6 not serviced
```

```
Apr 15 04:07:02 xyz unix: [ID 882636 kern.warning] WARNING: interrupt level 6 not serviced
```

Here is the result from "uname -a"

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```
xyz#uname -a
SunOS xyz 5.8 Generic_117350-22 sun4u sparc SUNW,UltraAX-i2
xyz#
```

Here is the result of prtconf -v:

```
xyz#cat /var/tmp/prtconf_out
System Configuration: Sun Microsystems sun4u
Memory size: 512 Megabytes
System Peripherals (Software Nodes):
```

SUNW,UltraAX-i2

System properties:

```
name <relative-addressing> length <4>
value <0x00000001>.
name <MMU_PAGEOFFSET> length <4>
value <0x00001fff>.
name <MMU_PAGESIZE> length <4>
value <0x00002000>.
name <PAGESIZE> length <4>
value <0x00002000>.
```

Driver properties:

```
name <pm-hardware-state> length <18>
value 'no-suspend-resume'
```

```
packages (driver not attached)
terminal-emulator (driver not attached)
deblocker (driver not attached)
obp-tftp (driver not attached)
disk-label (driver not attached)
SUNW,builtin-drivers (driver not attached)
dropins (driver not attached)
kbd-translator (driver not attached)
ufs-file-system (driver not attached)
```

```
chosen (driver not attached)
openprom (driver not attached)
client-services (driver not attached)
```

options, instance #0

System properties:

```
name <ttymodes> length <36>
value
<0x0000250200001805000000bd00008a3b031c7f150400000011131a19120f171600000000>.
```

```
name <class> length <5>
value 'root'
```

```
aliases (driver not attached)
memory (driver not attached)
virtual-memory (driver not attached)
pci, instance #0
```

Driver properties:

```
name <interrupt-priorities> length <24>
value
<0x0000000e0000000e0000000e0000000e0000000e>.
```

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name <virtual-dma> length <8>  
value <0xc000000020000000>.

Register Specifications:

Bus Type=0x1fe, Address=0x0, Size=0x10000  
Bus Type=0x1fe, Address=0x1000000, Size=0x100

Range Specifications:

Ch: 00,00000000 Pa: 00,000001fe, Sz: 1000000  
Ch: 00,01000000 Pa: 1000000,00000000, Sz: 0  
Ch: 1fe,02000000 Pa: 00,01000000, Sz: 2000000  
Ch: 00,00000000 Pa: 1ff,00000000, Sz: 1  
Ch: 00,03000000 Pa: 00,00000000, Sz: 1ff

pci, instance #0

Driver properties:

name <device\_type> length <4>  
value 'pci'

Hardware properties:

name <latency-timer> length <4>  
value <0x00000040>.  
name <cache-line-size> length <4>  
value <0x00000010>.

ebus, instance #0

Driver properties:

name <no-dma-interrupt-sync> length <0> -- <no

value>.

Hardware properties:

name <latency-timer> length <4>  
value <0x00000050>.  
name <cache-line-size> length <4>  
value <0x00000010>.

flashprom (driver not attached)

eeprom (driver not attached)

idprom (driver not attached)

SUNW,lomh, instance #0

System software properties:

name <wdog\_reset> length <4>  
value <0x00000000>.  
name <serial\_events> length <4>  
value <0x00000002>.  
name <disable\_wdog\_on\_break> length <4>  
value <0x00000001>.  
name <disable\_wdog\_on\_panic> length <4>  
value <0x00000001>.  
name <reporting\_level> length <4>  
value <0x00000003>.  
name <faulty\_voltage\_shutdown> length <4>  
value <0x00000001>.  
name <enclosure\_warning\_temp> length <4>  
value <0x00000043>.  
name <over\_temperature\_shutdown> length <4>  
value <0x00000001>.  
name <enclosure\_shutdown\_temp> length <4>

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```
value <0x00000048>.
name <serial_security> length <4>
value <0x00000001>.
name <serial_timeout> length <4>
value <0x00000000>.
name <serial_return> length <4>
value <0x00000000>.
name <phone_home_config> length <1>
value "
pmu, instance #0
i2c, instance #0
Driver properties:
name <interrupt-priorities> length <4>
value <0x00000004>.
temperature, instance #0 (driver not attached)
dimm, instance #0 (driver not attached)
i2c-nvram, instance #1 (driver not attached)
idprom (driver not attached)
motherboard-fru, instance #2 (driver not attached)
fan-control (driver not attached)
lomp, instance #0 (driver not attached)
isa, instance #1
Driver properties:
name <no-dma-interrupt-sync> length <0> -- <no
value>.
power, instance #0
serial, instance #0
serial, instance #1
network, instance #0
Hardware properties:
name <latency-timer> length <4>
value <0x00000050>.
name <cache-line-size> length <4>
value <0x00000010>.
usb (driver not attached)
ide, instance #0
Driver properties:
name <pm-components> length <56>
value 'NAME=ide-controller' + '0=Device D3
State' + '3=Device D0 State'
Hardware properties:
name <latency-timer> length <4>
value <0x00000010>.
disk (driver not attached)
cdrom (driver not attached)
network, instance #1
Hardware properties:
name <latency-timer> length <4>
value <0x00000050>.
name <cache-line-size> length <4>
value <0x00000010>.
```

usb (driver not attached)

pci, instance #1

Driver properties:

name <device\_type> length <4>  
value 'pci'

Hardware properties:

name <latency-timer> length <4>  
value <0x00000040>.  
name <cache-line-size> length <4>  
value <0x00000010>.

scsi, instance #0

Driver properties:

name <target1-TQ> length <4>  
value <0x00000001>.  
name <target1-wide> length <4>  
value <0x00000001>.  
name <target1-sync-speed> length <4>  
value <0x00013880>.  
name <target0-TQ> length <4>  
value <0x00000001>.  
name <target0-wide> length <4>  
value <0x00000001>.  
name <target0-sync-speed> length <4>  
value <0x00013880>.  
name <pm-components> length <72>  
value 'NAME=glm0' + '0=Off (PCI D3 State)' +  
'1=Coma(PCI D2 State)' + '3=On (PCI D0 State)'  
name <scsi-selection-timeout> length <4>  
value <0x000000fa>.  
name <scsi-options> length <4>  
value <0x00107ff8>.  
name <scsi-watchdog-tick> length <4>  
value <0x0000000a>.  
name <scsi-tag-age-limit> length <4>  
value <0x00000002>.  
name <scsi-reset-delay> length <4>  
value <0x00000bb8>.

Hardware properties:

name <latency-timer> length <4>  
value <0x00000088>.  
name <cache-line-size> length <4>  
value <0x00000010>.

disk (driver not attached)

tape (driver not attached)

sd, instance #0

System properties:

name <lun> length <4>  
value <0x00000000>.  
name <target> length <4>  
value <0x00000000>.  
name <class\_prop> length <6>

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```
    value 'atapi'
    name <class> length <5>
    value 'scsi'
Driver properties:
    name <pm-components> length <30>
    value 'NAME=spindle-motor' + '0=off' +
'1=on'
    name <pm-hardware-state> length <21>
    value 'needs-suspend-resume'
    name <ddi-failfast-supported> length <0> -- <no
value>.
    name <ddi-kernel-ioctl> length <0> -- <no
value>.
Hardware properties:
    name <inquiry-revision-id> length <5>
    value '0507'
    name <inquiry-product-id> length <16>
    value 'ST336607LSUN36G'
    name <inquiry-vendor-id> length <8>
    value 'SEAGATE'
    name <inquiry-device-type> length <4>
    value <0x00000000>.
sd, instance #1
System properties:
    name <lun> length <4>
    value <0x00000000>.
    name <target> length <4>
    value <0x00000001>.
    name <class_prop> length <6>
    value 'atapi'
    name <class> length <5>
    value 'scsi'
Driver properties:
    name <pm-components> length <30>
    value 'NAME=spindle-motor' + '0=off' +
'1=on'
    name <pm-hardware-state> length <21>
    value 'needs-suspend-resume'
    name <ddi-failfast-supported> length <0> -- <no
value>.
    name <ddi-kernel-ioctl> length <0> -- <no
value>.
Hardware properties:
    name <inquiry-revision-id> length <5>
    value '0307'
    name <inquiry-product-id> length <16>
    value 'ST336607LSUN36G'
    name <inquiry-vendor-id> length <8>
    value 'SEAGATE'
    name <inquiry-device-type> length <4>
    value <0x00000000>.
```

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sd, instance #2 (driver not attached)  
System properties:  
  name <lun> length <4>  
    value <0x00000000>.  
  name <target> length <4>  
    value <0x00000002>.  
  name <class\_prop> length <6>  
    value 'atapi'  
  name <class> length <5>  
    value 'scsi'

sd, instance #3 (driver not attached)  
System properties:  
  name <lun> length <4>  
    value <0x00000000>.  
  name <target> length <4>  
    value <0x00000003>.  
  name <class\_prop> length <6>  
    value 'atapi'  
  name <class> length <5>  
    value 'scsi'

sd, instance #4 (driver not attached)  
System properties:  
  name <lun> length <4>  
    value <0x00000000>.  
  name <target> length <4>  
    value <0x00000004>.  
  name <class> length <5>  
    value 'scsi'

sd, instance #5 (driver not attached)  
System properties:  
  name <lun> length <4>  
    value <0x00000000>.  
  name <target> length <4>  
    value <0x00000005>.  
  name <class> length <5>  
    value 'scsi'

sd, instance #6 (driver not attached)  
System properties:  
  name <lun> length <4>  
    value <0x00000000>.  
  name <target> length <4>  
    value <0x00000006>.  
  name <class> length <5>  
    value 'scsi'

sd, instance #7 (driver not attached)  
System properties:  
  name <lun> length <4>  
    value <0x00000000>.  
  name <target> length <4>  
    value <0x00000008>.  
  name <class> length <5>

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```
value 'scsi'  
sd, instance #8 (driver not attached)  
System properties:  
  name <lun> length <4>  
    value <0x00000000>.  
  name <target> length <4>  
    value <0x00000009>.  
  name <class> length <5>  
    value 'scsi'  
sd, instance #9 (driver not attached)  
System properties:  
  name <lun> length <4>  
    value <0x00000000>.  
  name <target> length <4>  
    value <0x0000000a>.  
  name <class> length <5>  
    value 'scsi'  
sd, instance #10 (driver not attached)  
System properties:  
  name <lun> length <4>  
    value <0x00000000>.  
  name <target> length <4>  
    value <0x0000000b>.  
  name <class> length <5>  
    value 'scsi'  
sd, instance #11 (driver not attached)  
System properties:  
  name <lun> length <4>  
    value <0x00000000>.  
  name <target> length <4>  
    value <0x0000000c>.  
  name <class> length <5>  
    value 'scsi'  
sd, instance #12 (driver not attached)  
System properties:  
  name <lun> length <4>  
    value <0x00000000>.  
  name <target> length <4>  
    value <0x0000000d>.  
  name <class> length <5>  
    value 'scsi'  
sd, instance #13 (driver not attached)  
System properties:  
  name <lun> length <4>  
    value <0x00000000>.  
  name <target> length <4>  
    value <0x0000000e>.  
  name <class> length <5>  
    value 'scsi'  
sd, instance #14 (driver not attached)  
System properties:
```

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```
name <lun> length <4>
  value <0x00000000>.
name <target> length <4>
  value <0x0000000f>.
name <class> length <5>
  value 'scsi'
scsi, instance #1
  Driver properties:
    name <pm-components> length <72>
      value 'NAME=glm1' + '0=Off (PCI D3 State)' +
'1=Coma(PCI D2 State)' + '3=On (PCI D0 State)'
    name <scsi-selection-timeout> length <4>
      value <0x000000fa>.
    name <scsi-options> length <4>
      value <0x00107ff8>.
    name <scsi-watchdog-tick> length <4>
      value <0x0000000a>.
    name <scsi-tag-age-limit> length <4>
      value <0x00000002>.
    name <scsi-reset-delay> length <4>
      value <0x00000bb8>.
  Hardware properties:
    name <latency-timer> length <4>
      value <0x00000088>.
    name <cache-line-size> length <4>
      value <0x00000010>.
disk (driver not attached)
tape (driver not attached)
sd, instance #15 (driver not attached)
  System properties:
    name <lun> length <4>
      value <0x00000000>.
    name <target> length <4>
      value <0x00000000>.
    name <class_prop> length <6>
      value 'atapi'
    name <class> length <5>
      value 'scsi'
sd, instance #16 (driver not attached)
  System properties:
    name <lun> length <4>
      value <0x00000000>.
    name <target> length <4>
      value <0x00000001>.
    name <class_prop> length <6>
      value 'atapi'
    name <class> length <5>
      value 'scsi'
sd, instance #17 (driver not attached)
  System properties:
    name <lun> length <4>
```

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value <0x00000000>.

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