

kernel crash dump could not be obtained

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2005-10/2706.html>

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To: freebsd-questions@freebsd.org

dear all,

i have to make modifications to the kernel and
i have been encountering kernel crashes all the
time.

the kernel panics with messages starting with
vm_fault: and then crashes and reboots.

i guess i have done incorrect memory operations and
i want to know where i went wrong.

so i thought of obtaining the crash dump. i went
through the developers guide.
and i added the following lines on the /etc/rc.conf

```
---
dumpdev="/dev/ad0s1b"
dumpdir="/var/crash"
savecore_flags=""
--
the /etc/fstab file is
Device      Mountpoint      FStype  Options          Dump      Pass#
/dev/ad0s1b      none            swap    sw              0         0
/dev/ad0s1a      /               ufs     rw              1         1
/dev/ad0s1e      /tmp            ufs     rw              2         2
/dev/ad0s1f      /usr            ufs     rw              2         2
/dev/ad0s1d      /var            ufs     rw              2         2
/dev/acd0        /cdrom          cd9660  ro,noauto       0         0
swap partition is /dev/ad0s1b
swapinfo gives the output:--
Device      1K-blocks      Used      Avail Capacity
/dev/ad0s1b      495048         0      495048      0%
My memory size according to dmesg is --
real memory = 266600448 (254 MB)
avail memory = 251232256 (239 MB)
--
Now when the kernel crashes it prints the message
writing dump 240MB
but rebooting does not show any crash dump file
on /var/crash.
please help
```

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freebsd-questions: kernel crash dump could not be obtained

kamal

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