

Can not dump on raid dev?

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To: <freebsd-hackers@freebsd.org>

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Hi,

I'm trying to save a crashdump into /var/crash but it fails.

Here is my config files:

```
# dmesg | grep amr
```

```
amr0: <LSILogic MegaRAID> mem 0xf0000000-0xf7ffffff irq 3 at device 0.0 on pci3
```

```
amr0: <LSILogic PERC 3/DC> Firmware 1.92, BIOS 3.31, 128MB RAM
```

```
amrd0: <LSILogic MegaRAID logical drive> on amr0
```

```
amrd0: 17278MB (35385344 sectors) RAID 0 (optimal)
```

```
GEOM: create disk amrd0 dp=0xc7de088c
```

```
amrd1: <LSILogic MegaRAID logical drive> on amr0
```

```
amrd1: 51834MB (106156032 sectors) RAID 0 (optimal)
```

```
GEOM: create disk amrd1 dp=0xc7de078c
```

```
ses0 at amr0 bus 0 target 6 lun 0
```

```
Mounting root from ufs:/dev/amrd0s1a
```

in rc.conf:

```
dumpdev="/dev/amrd0s1b"
```

```
dumpdir="/var/crash"
```

in my kernel conf-file:

```
options DDB
```

```
option DDB_UNATTENDED
```

```
makeoptions DEBUG=-g
```

```
# disklabel -r /dev/amrd0
```

```
# /dev/amrd0:
```

```
8 partitions:
```

```
# size offset fstype [fsize bsize bps/cpg]
```

```
a: 524288 0 4.2BSD 2048 16384 32776
```

```
b: 8345024 524288 swap
```

```
c: 35385344 0 unused 0 0 # "raw" part, don't edit
```

```
d: 524288 8869312 4.2BSD 2048 16384 32776
```

```
e: 524288 9393600 4.2BSD 2048 16384 32776
```

```
f: 25467456 9917888 4.2BSD 2048 16384 28552
```

```
# cat /etc/fstab |grep amrd0s1b
```

```
/dev/amrd0s1b none dump sw 0 0
```

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#before I start the test, I run "dumpon -v /dev/amrd0s1b". It seems ok.

```
# dumpon -v /dev/amrd0s1b
```

kernel dumps on /dev/amrd0s1b

when the system crashes, it doesn't save any crashdump.

I've tried the same config on a machine with IDE disk, the crashdump can be saved.

Do I miss something, or the crashdump can not be saved on a raid device?

Kang.

freebsd-hackers@freebsd.org mailing list

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