
Subject: 3ware + Linux 2.6.26-2-openvz-amd64 kernel
Posted by [jamesdean-dean-57](#) on Tue, 07 Sep 2010 15:00:27 GMT
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Hi,

I use a 3ware 9650SE-4LPML RAID Controller with an Linux Debian 2.6.26-2-openvz-amd64 kernel.

Sometimes my RAID break down et return this following logs :

```
Aug 21 01:51:05 sht8 kernel: sd 4:0:0:0: WARNING: (0x06:0x002C): Command (0x2a) timed out, resetting card.
```

```
Aug 21 01:51:39 sht8 kernel: 3w-9xxx: scsi4: WARNING: (0x06:0x0037): Character ioctl (0x108) timed out, resetting card.
```

```
Aug 21 01:52:22 sht8 kernel: 3w-9xxx: scsi4: AEN: INFO (0x04:0x005E):
```

driver version : 2.26.08.003-2.6.18RH

firmware version : FE9X 4.10.00.007

Have you ever seen this kind of message ? Do you know if this card is ok with this kernel ?

thanks, Bertrand.

Subject: Re: 3ware + Linux 2.6.26-2-openvz-amd64 kernel
Posted by [tanfwc](#) on Thu, 09 Sep 2010 11:42:13 GMT
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Can you execute a few command for me to understand your environment?

Quote:tw_cli show

tw_cli show version

tw_cli /c0 show all (replace 0 with your controller number if different)

Subject: Re: 3ware + Linux 2.6.26-2-openvz-amd64 kernel
Posted by [jamesdean-dean-57](#) on Thu, 09 Sep 2010 15:34:53 GMT
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thanks for your help !

tw_cli show

| Ctl | Model | (V)Ports | Drives | Units | NotOpt | RRate | VRate | BBU |
|-----|--------------|----------|--------|-------|--------|-------|-------|-----|
| c0 | 9650SE-4LPML | 4 | 4 | 1 | 0 | 3 | 3 | - |

```
# tw_cli show version
CLI Version = 2.00.11.006
API Version = 2.08.00.006
```

```
# tw_cli /c0 show all
/c0 Driver Version = 2.26.02.010
/c0 Model = 9650SE-4LPML
/c0 Available Memory = 224MB
/c0 Firmware Version = FE9X 4.10.00.007
/c0 Bios Version = BE9X 4.08.00.002
/c0 Boot Loader Version = BL9X 3.08.00.001
/c0 Serial Number = L326010A9501855
/c0 PCB Version = Rev 035
/c0 PCHIP Version = 2.00
/c0 ACHIP Version = 1.90
/c0 Number of Ports = 4
/c0 Number of Drives = 4
/c0 Number of Units = 1
/c0 Total Optimal Units = 1
/c0 Not Optimal Units = 0
/c0 JBOD Export Policy = off
/c0 Disk Spinup Policy = 1
/c0 Spinup Stagger Time Policy (sec) = 1
/c0 Auto-Carving Policy = off
/c0 Auto-Carving Size = 2048 GB
/c0 Auto-Rebuild Policy = on
/c0 Rebuild Mode = Adaptive
/c0 Rebuild Rate = 3
/c0 Verify Mode = Adaptive
/c0 Verify Rate = 3
/c0 Controller Bus Type = PCIe
/c0 Controller Bus Width = 4 lanes
/c0 Controller Bus Speed = 2.5 Gbps/lane
```

| Unit | UnitType | Status | %RCmpl | %V/I/M | Stripe | Size(GB) | Cache | AVrfy |
|------|----------|--------|--------|--------|--------|----------|-------|-------|
| u0 | RAID-5 | OK | - | - | 256K | 1396.95 | RiW | ON |

| VPort | Status | Unit | Size | Type | Phy | Encl-Slot | Model |
|-------|--------|------|-----------|------|-----|-----------|-------------|
| p0 | OK | u0 | 465.76 GB | SATA | 0 | - | ST3500320NS |
| p1 | OK | u0 | 465.76 GB | SATA | 1 | - | ST3500320NS |

p2 OK u0 465.76 GB SATA 2 - ST3500320NS
p3 OK u0 465.76 GB SATA 3 - ST3500320NS

Subject: Re: 3ware + Linux 2.6.26-2-openvz-amd64 kernel
Posted by [tanfwc](#) on Thu, 09 Sep 2010 16:25:18 GMT
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Try turning off the cache and see whether it helps.

Quote:tw_cli /c0/u0 set cache=off
