
Subject: velocita' hd satall

Posted by [Ryoga Hibiki](#) on Tue, 13 Sep 2011 09:53:03 GMT

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Ciao,

volevo avere un termine di paragone "generico" per le velocita' di un hd sata2 sotto linux.

ho provato :

```
sudo hdparm -l /dev/sda | grep -i speed
```

ottendendo:

- * Gen1 signaling speed (1.5Gb/s)

- * Gen2 signaling speed (3.0Gb/s)

e ho provato anche :

```
for i in 1 2 3; do sudo hdparm -tT /dev/sda; done
```

ottenendo :

/dev/sda:

Timing cached reads: 8474 MB in 2.00 seconds = 4241.24 MB/sec

Timing buffered disk reads: 300 MB in 3.02 seconds = 99.45 MB/sec

/dev/sda:

Timing cached reads: 8064 MB in 2.00 seconds = 4035.54 MB/sec

Timing buffered disk reads: 306 MB in 3.01 seconds = 101.65 MB/sec

/dev/sda:

Timing cached reads: 8292 MB in 2.00 seconds = 4149.71 MB/sec

Timing buffered disk reads: 308 MB in 3.02 seconds = 102.09 MB/sec

piu' o meno mi sembra di esserci, e' che il dubbio mi e' venuto fuori dall'output di dmesg :

```
[ 1.084771] ata3.00: ATA-8: WDC WD10EARS-00Y5B1, 80.00A80, max UDMA/133
```

```
[ 1.084776] ata3.00: 1953525168 sectors, multi 16: LBA48 NCQ (depth 0/32)
```

e

```
[ 1.192560] sd 2:0:0:0: [sda] 1953525168 512-byte logical blocks:  
(1.00 TB/931 GiB)
```

```
[ 1.192637] sd 2:0:0:0: [sda] Write Protect is off
```

```
[ 1.192640] sd 2:0:0:0: [sda] Mode Sense: 00 3a 00 00
```

```
[ 1.192668] sd 2:0:0:0: [sda] Write cache: enabled, read cache:  
enabled, doesn't support DPO or FUA
```

```
[ 1.222261] sda: sda1 sda2 < sda5 >
```

```
[ 1.240431] sd 2:0:0:0: [sda] Attached SCSI disk
```

```
[ 3.101874] EXT4-fs (sda1): mounted filesystem with ordered data
```

mode. Opts: (null)

[23.223430] Adding 3909628k swap on /dev/sda5. Priority:-1 extents:1
across:3909628k

[24.773767] EXT4-fs (sda1): re-mounted. Opts: errors=remount-ro

[32.334967] EXT4-fs (sda1): re-mounted. Opts: errors=remount-ro,commit=0

[77.156569] EXT4-fs (sda1): re-mounted. Opts: errors=remount-ro,commit=0

semberebbe che e' impostato per andare come un PATA UDMA/133 al max...

non capisco...

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Ciao!

Nobuteru

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