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hdparm: HDIO_DRIVE_CMD(identify) Failed: Inappropriate ioctl For Device

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When I run `hdparm -tT /dev/sda` command under CentOS / RHEL I get the following error on screen:

```
/dev/sda:
Timing buffered disk reads: 908 MB in 3.00 seconds = 302.39 MB/sec
HDIO_DRIVE_CMD(null) (wait for flush complete) failed: Inappropriate ioctl for device
```



[1]

How do I fix this problem?

hdparm provides a command line interface to various kernel interfaces supported by the Linux SATA/PATA/SAS "libata" subsystem and the older IDE driver subsystem. Some options may work correctly only with the latest kernels. So first make sure you've latest kernel update installed:



[2]



[3]

```
# yum -y update
```

To fix this error message, you need to install latest version of hdparm. RHEL CentOS / Linux comes with an older version. To download latest version [visit](#) ^[4] this webpage. You can also use `wget` as follows:

```
# wget http://downloads.sourceforge.net/project/hdparm/hdparm/hdparm-9.9.tar.gz
```

Untar `hdparm-9.9.tar.gz`:

```
# tar -zxvf hdparm-9.9.tar.gz
```

Compile `hdparm`:

```
# cd hdparm-9.9
# make
```

Run latest `hdparm` from the current directory:

```
# ./hdparm -tT /dev/sda
```

Sample Outputs:

```
/dev/sda:
Timing cached reads: 4686 MB in 2.00 seconds = 2346.22 MB/sec
Timing buffered disk reads: 888 MB in 3.00 seconds = 295.55 MB/sec
```

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