

NAME

hdparm.conf - Debian configuration file for hdparm

DESCRIPTION

This is the default configuration for hdparm for Debian. It is a rather simple script, so please follow the following guidelines :) Any line that begins with a comment is ignored - add as many as you like.

Note that an in-line comment is not supported. If a line consists of whitespace only (tabs, spaces, carriage return), it will be ignored, so you can space control fields as you like. **ANYTHING ELSE IS PARSED!!**

This means that lines with stray characters or lines that use non # comment characters will be interpreted by the initscript. This has probably minor, but potentially serious, side effects for your hard drives, so please follow the guidelines. Patches to improve flexibility welcome.

Please read /usr/share/doc/hdparm/README.Debian for notes about known issues, especially if you have an MD array.

Note that if the init script causes boot problems, you can pass 'nohdparm' on the kernel command line, and the script will not be run.

Setting an option outside of one of the stanzas enables it for all drives.

If an option is listed twice, the second instance replaces the first.

/sbin/hdparm is not run unless a block of the form:

```
DEV {
option
option
}
```

exists. This block will cause /sbin/hdparm OPTIONS DEV to be run. Where OPTIONS is the concatenation of all options previously defined outside of a block and all options defined within the block.

OPTIONS

- q** be quiet
quiet
- a** sector count for filesystem read-ahead
read_ahead_sect = 12
- A** disable/enable the IDE drive's read-lookahead feature
lookahead = on
- b** bus state
bus = on
- B** apm setting
apm = 255
- B** apm setting when on battery
apm_battery = 127
- c** enable (E)IDE 32-bit I/O support - can be any of 0,1,3
io32_support = 1
- d** disable/enable the using_dma flag for this drive
dma = off
- D** enable/disable the on-drive defect management
defect_manage = off

- E** cdrom speed
 cd_speed = 16
- k** disable/enable the keep_settings_over_reset flag for this drive
 keep_settings_over_reset = off
- K** disable/enable the drive's keep_features_over_reset flag
 keep_features_over_reset = on
- m** sector count for multiple sector I/O
 mult_sect_io = 32
- P** maximum sector count for the drive's internal prefetch mechanism
 prefetch_sect = 12
- r** read-only flag for device
 read_only = off
- s** Enable/disable the power-on in standby feature
 poweron_standby = off
- S** standby (spindown) timeout for the drive
 spindown_time = 24
- u** interrupt-unmask flag for the drive
 interrupt_unmask = on
- W** Disable/enable the IDE drive's write-caching feature
 write_cache = off
- X** IDE transfer mode for newer (E)IDE/ATA2 drives
 transfer_mode = 34
- y** force to immediately enter the standby mode
 standby
- Y** force to immediately enter the sleep mode
 sleep
- Z** Disable the power-saving function of certain Seagate drives
 disable_seagate
- M** Set the acoustic management properties of a drive
 acoustic_management
- p** Set the chipset PIO mode
 chipset_pio_mode
- security-freeze** Freeze the drive's security status
 security_freeze
- security-unlock** Unlock the drive's security
 security_unlock = PWD
- security-set-pass** Set security password
 security_pass = password
- security-disable** Disable drive locking
 security_disable
- user-master** Specifies which password to select
 security_mode = u
- security-mode** Set the security mode
 security_mode = h

Root file systems.

Please see README.Debian for details. ROOTFS = /dev/hda

Blocks beginning with the keyword 'command_line' instead of a device identifier are no longer supported for backwards compatibility by this version of hdparm. Options must be introduced by a correct device identifier instead so that they will be applied when the device becomes available.

AUTHOR

hdparm was written by Mark Lord <mlord@pobox.com> The init script and configuration file are currently maintained by Stephen Gran <sgran@debian.org>, but are the result of the work of many people.

This manual page was created by Stephen Gran <sgran@debian.org> for the Debian GNU/Linux system (but may be used by others).