NAME

ipmi_watchdog – IPMI watchdog

DESCRIPTION

The kernel module **ipmi_watchdog** is used on systems that provide hardware watchdog functionality through an IPMI board. F.e. the Lenovo Integrated Management Module is such a board. In difference to other watchdog modules, the ipmi_watchdog needs a running daemon.

EXAMPLES

* prepare IPMI watchdog, 1st try

chkconfig ipmi on

# vi /etc/sysconfig/bootloader
INITRD_MODULES="... ipmi_watchdog"

vi /etc/modprobe.d/ipmi_watchdog
options ipmi_watchdog nowayout=0 timeout=30 action=reset_power
blacklist iTCO_wdt
blacklist iTCO_vendor_support

shutdown -r now

* prepare IPMI watchdog, 2nd try

chkconfig ipmi on

# vi /etc/sysconfig/ipmi
IPMI_WATCHDOG=yes
IPMI_WATCHDOG_OPTIONS="nowayout=0 action=reset_power timeout=30"

* show

rcipmi status

ipmitool mc watchdog get

modinfo ipmi_watchdog

ls -l /dev/watchdog

FILES

/dev/watchdog
            the watchdog device node.

/lib/modules/<kernel-version>/kernel/drivers/char/ipmi/ipmi_watchdog.ko
            the IPMI watchdog module.

/etc/init.d/ipmi
            the IPMI service start script.

/etc/sysconfig/ipmi
            the IPMI related configuration.

/etc/modprobe.d/ipmi_watchdog
                the kernel module configuration.

/etc/sysconfig/kernel
                the related initrd configuration.

BUGS

Feedback is welcome. To report bugs for a SUSE product component, please use
https://www.suse.com/support/report-a-bug/ .

SEE ALSO

sbd(8), **stonith_sbd**(7), **cs_add_watchdog_to_initrd**(8), **lsinitrd**(8), **ipmitool**(1), **modinfo**(8),
/usr/src/linux/Documentation/watchdog/watchdog-api.txt ,
https://www.suse.com/documentation/sle_ha/book_sleha/data/sec_ha_storage_protect_fencing.html ,
https://www.suse.com/support/kb/doc.php?id=7016880 ,
https://www.suse.com/support/kb/doc.php?id=7008216 ,
http://download.lenovo.com/ibmdl/pub/pc/pccbbs/thinkservers/imm_userguide.pdf ,
ftp://ftp.software.ibm.com/systems/support/system_x_pdf/88y7599.pdf

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