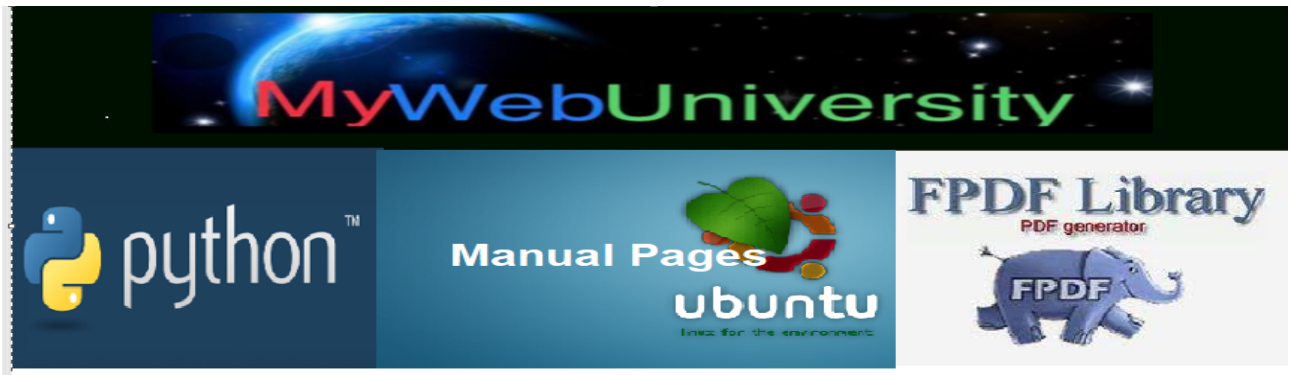

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Linux Ubuntu 26.04 Manual Pages on command 'PR_GET_SECCOMP.2'

$ man PR_GET_SECCOMP.2

PR_GET_SECCOMP(2) System Calls Manual PR_GET_SECCOMP(2)

NAME

PR_GET_SECCOMP - get the secure computing mode

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

#include <linux/prctl.h> /* Definition of PR_* constants */

#include <sys/prctl.h>

int prctl(PR_GET_SECCOMP);

DESCRIPTION

Return the secure computing mode of the calling thread.

If the caller is not in secure computing mode, this operation returns 0; if the caller is in strict secure computing mode, then the prctl() call will cause a SIGKILL signal to be sent to the process. If the caller is in filter mode, and this system call is allowed by the seccomp filters, it returns 2; otherwise, the process is killed with a SIGKILL signal.

This operation is available only if the kernel is configured with CONFIG_SECCOMP enabled.

RETURN VALUE

On success, this call returns the nonnegative value described above. On error, -1 is re? turned, and errno is set to indicate the error; or the process is killed.

ERRORS

EINVAL The kernel was not configured with CONFIG_SECCOMP.

SIGKILL

The caller is in strict secure computing mode.

SIGKILL

The caller is in filter mode, and this system call is not allowed by the seccomp fil?
ters.

FILES

/proc/pid/status

Since Linux 3.8, the Seccomp field of this file provides a method of obtaining the same information, without the risk that the process is killed; see proc_pid_sta?
tus(5).

STANDARDS

Linux.

HISTORY

Linux 2.6.23.

SEE ALSO

prctl(2), PR_SET_SECCOMP(2const), seccomp(2)