NAME

getkeycreatecon, setkeycreatecon − get or set the SELinux security context used for creating a new kernel keyrings

SYNOPSIS

#include <selinux/selinux.h>

int getkeycreatecon(char *****con*);**

int getkeycreatecon_raw(char *****con*);**

int setkeycreatecon(char ****context*);**

int setkeycreatecon_raw(char ****context*);**

DESCRIPTION

getkeycreatecon() retrieves the context used for creating a new kernel keyring. This returned context should be freed with **freecon**(3) if non-NULL. **getk eycreatecon**() sets *con to NULL if no keycreate context has been explicitly set by the program (i.e. using the default policy behavior).

setkeycreatecon() sets the context used for creating a new kernel keyring. NULL can be passed to**setk eycreatecon**() to reset to the default policy behavior. The keycreate context is automatically reset after the next **execve**(2), so a program doesn't need to explicitly sanitize it upon startup.

setkeycreatecon() can be applied prior to library functions that internally perform an file creation, in order to set an file context on the objects.

getkeycreatecon_raw() and **setkeycreatecon_raw**() behave identically to their non-raw counterparts but do not perform context translation.

Note: Signal handlers that perform a **setkeycreatecon**() must take care to save, reset, and restore the keycreate context to avoid unexpected behavior.

Note: Contexts are thread specific.

RETURN VALUE

On error −1 is returned. On success 0 is returned.

SEE ALSO

selinux(8), **freecon**(3), **getcon**(3), **getexeccon**(3)