NAME

audit_log_semanage_message − log a semanage message

SYNOPSIS

#include <libaudit.h>

int audit_log_semanage_message(int*audit_fd,***int"***type,***.B***const***char****"pgname,***const***char****"op,***const***char****"name,***unsigned***int"***id,***.B***const***char****"new_seuser,***const***char****"new_role,***const***char****"new_range,***.B***const***char****"***old_seuser,***const***char****"***old_role,***const***char****"***old_range,***.B***const***char****"host,***const***char****"addr,***const***char****"tty,***int"***result);"**

DESCRIPTION

This function will log a message to the audit system using a predefined message format. It should be used for all SE Linux user and role manipulation operations. The function parameters are as follows:

audit_fd - The fd returned by audit_open
type - type of message: AUDIT_ROLE_ASSIGN/REMOVE for changing any SE Linux user or role attributes.
pgname - program's name
op - operation. "adding-user", "adding-role", "deleting-user", "deleting-role"
name - user's account. If not available use NULL.
id - uid that the operation is being performed on. This is used only when name is NULL.
new_seuser - the new seuser that the login user is getting
new_role - the new_role that the login user is getting
new_range - the new mls range that the login user is getting
old_seuser - the old seuser that the login usr had
old_role - the old role that the login user had
old_range - the old mls range that the login usr had
host - The hostname if known
addr - The network address of the user
tty - The tty of the user
result - 1 is "success" and 0 is "failed"

RETURN VALUE

It returns the sequence number which is > 0 on success or <= 0 on error.

ERRORS

This function returns −1 on failure. Examine errno for more info.

SEE ALSO

audit_log_user_message(3), **audit_log_acct_message**(3), **audit_log_user_avc_message**(3), **audit_log_user_comm_message**(3).

AUTHOR

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