NAME

device_maps – device_maps file

SYNOPSIS

/etc/security/device_maps

AVAILABILITY

The functionality described in this man page is available only if the Basic Security Module (BSM) has been enabled. See **bsmconv**(1M) for more information.

DESCRIPTION

The **device_maps** file contains access control information about each physical device. Each device is represented by a one line entry of the form:

device-name **:** *device-type* **:** *device-list* **:**

where

device-name	This is an arbitrary ASCII string naming the physical device. This field contains no embedded white space or non-printable characters.
device-type	This is an arbitrary ASCII string naming the generic device type. This field identifies and groups together devices of like type. This field contains no embedded white space or non-printable characters.
device-list	This is a list of the device special files associated with the physical device. This field contains valid device special file path names separated by white space.

The **device_maps** file is an ASCII file that resides in the **/etc/security** directory.

Lines in **device_maps** can end with a '\' to continue an entry on the next line.

Comments may also be included. A '**#**' makes a comment of all further text until the next NEWLINE not immediately preceded by a '\'**.**

Leading and trailing blanks are allowed in any of the fields.

The **device_maps** file must be created by the system administrator before device allocation is enabled.

This file is owned by root, with a group of **sys**, and a mode of 0644.

EXAMPLES

```
        # scsi tape
st1:\
        rmt:\
        /dev/rst21 /dev/nrst21 /dev/rst5 /dev/nrst5 /dev/rst13 \
        /dev/nrst13 /dev/rst29 /dev/nrst29 /dev/rmt/1l /dev/rmt/1m \
        /dev/rmt/1 /dev/rmt/1h /dev/rmt/1u /dev/rmt/1ln /dev/rmt/1mn \
        /dev/rmt/1n /dev/rmt/1hn /dev/rmt/1un /dev/rmt/1b /dev/rmt/1bn:\
```

FILES **/etc/security/device_maps**

SEE ALSO **allocate**(1M), **bsmconv**(1M), **deallocate**(1M), **dminfo**(1M), **list_devices**(1M)