

**NAME**

**maclabel** - Mandatory Access Control label format

**DESCRIPTION**

If Mandatory Access Control, or MAC, is enabled in the kernel, then in addition to the traditional credentials, each subject (typically a user or a socket) and object (file system object, socket, etc.) is given a *MAC label*. The MAC label specifies the necessary subject-specific or object-specific information necessary for a MAC security policy to enforce access control on the subject/object.

The format for a MAC label is defined as follows:

*policy1/qualifier1,policy2/qualifier2,...*

A MAC label consists of a policy name, followed by a forward slash, followed by the subject or object's qualifier, optionally followed by a comma and one or more additional policy labels. For example:

biba/low(low-low)  
biba/high(low-high),mls/equal(equal-equal),partition/0

**SEE ALSO**

mac(3), posix1e(3), mac\_biba(4), mac\_bsdextended(4), mac\_ifoff(4), mac\_mls(4), mac\_none(4), mac\_partition(4), mac\_seeotheruids(4), mac\_test(4), login.conf(5), getfmac(8), getpmac(8), ifconfig(8), setfmac(8), setpmac(8), mac(9)

**HISTORY**

MAC first appeared in FreeBSD 5.0.

**AUTHORS**

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