how to deny reading of several sysctls (for a set of uids, f.e.)

Source: http://unix.derkeiler.com/Mailing−Lists/FreeBSD/hackers/2007−01/msg00325.html

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Hello.

System − RELENG_6.

Easiest way I found is to patch libc.
But in this case we still can get an original library and use
LD_PRELOAD.

Is there any way to obtain uid of calling process (thread?)
within the kernel?

We have following extern in src/lib/libc/gen/sysctl.c:
[..]
extern int __sysctl(int *name, u_int namelen, void *oldp, size_t *oldlenp,
void *newp, size_t newlen);
[..]

And there is __sysctl (src/sys/kern/kern_sysctl.c):

[..]
/*
* MPSAFE
*/
int
__sysctl(struct thread *td, struct sysctl_args *uap)
[..]

1. Whether this function is called from libc sysctl() ?

2. What can we get from td here? My knowledge about FreeBSD kernel
and kernel threads is not yet enough for understanding this.

I also thought about passing control variable from libc
to kernel, but it seems to be bad idea.

Any other ways?

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