

Re: jail & security

Source: <http://www.derkeiler.com/Mailing-Lists/FreeBSD-Security/2001-08/5149.html>

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Date: 08/23/01

From: "Shannon Johnson" <shannon@designcurve.net>

To: <freebsd-security@freebsd.org>

Date: Thu, 23 Aug 2001 12:00:05 -0700

> On Thu, 23 Aug 2001, Alexey Zakirov wrote:

>

> > > yourself from destroying a system (e.g. read only file system, setting the

> > > system immutable flag, etc.)

> > >

> > > Remind me to never give you a shell account.

> >

> > Alexey is wrong in stating 'You CAN'T limit whole jail limits.' you

> > actually can given the right patches to the jail subsystem. :)

>

> Am I wrong? Can you setup jail that limits his CPU/MEM for particular jail?

Yes, infact you are incorrect. I have set up literally dozens of jails both at home and work. Through this I have experimented with allot of configurations, including login classes.

One way that I tested this out was to write a simple c program to test that the cpu/memory limits were being properly limited by login.conf. Here tis...

```
int main(void) {
    while(1) malloc(100);
}
```

This is obviously required allot of memory/CPU. But it proved my point.

By the way, where are the patches that you referred to earlier.

Shannon

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