
Subject: Re: [patch 3/8] account user mounts

Posted by [Miklos Szeredi](#) on Sun, 22 Apr 2007 08:08:49 GMT

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> >> > From: Miklos Szeredi <mszeredi@suse.cz>
> >> >
> >> > Add sysctl variables for accounting and limiting the number of user
> >> > mounts.
> >> >
> >> > The maximum number of user mounts is set to 1024 by default. This
> >> > won't in itself enable user mounts, setting a mount to be owned by a
> >> > user is first needed
> >> >
> >> Since each mount has a user can we just make this a per user rlimit?
> >>
> >> If we are going to implement a sysctl at this point I think it should
> >> be a global limit that doesn't care if who you are. Even root can
> >> have recursive mounts that attempt to get out of control.
> >
> > Recursive bind mounts are done carefully enough, so they don't get out
> > of control.
> >
> > Recursive mount propagations can get out of control. But root can
> > shoot itself in the foot any number of ways, and it's not for the
> > kernel to police that.
>
> Yes. It is.
>
> This is mostly about removing special cases.
>
> We routinely have limits on resources that are global and apply
> to root along with every one else. Root can change them but
> they still apply to root. Things like the number of inodes
> in the system or the total number of files.

There's no max_inodes any more. As for max_files:

get_empty_filp():

```
/*  
 * Privileged users can go above max_files  
 */  
if (get_nr_files() >= files_stat.max_files && !capable(CAP_SYS_ADMIN)) {
```

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Containers mailing list

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