
Subject: Re: [ckrm-tech] [RFC][PATCH 4/7] UBC: syscalls (user interface)

Posted by Chandra Seetharaman on Fri, 18 Aug 2006 20:13:34 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Wed, 2006-08-16 at 19:39 +0400, Kirill Korotaev wrote:

<snip>

```
>+/*
>+ * The setbeanlimit syscall
>+ */
>+asmlinkage long sys_setublimit(uid_t uid, unsigned long resource,
>+ unsigned long *limits)
>+{
>+ int error;
>+ unsigned long flags;
>+ struct user_beancounter *ub;
>+ unsigned long new_limits[2];
>+
>+ error = -EPERM;
>+ if(!capable(CAP_SYS_RESOURCE))
>+ goto out;
>+
>+ error = -EINVAL;
>+ if (resource >= UB_RESOURCES)
>+ goto out;
>+
>+ error = -EFAULT;
>+ if (copy_from_user(&new_limits, limits, sizeof(new_limits)))
>+ goto out;
>+
>+ error = -EINVAL;
>+ if (new_limits[0] > UB_MAXVALUE || new_limits[1] > UB_MAXVALUE)
>+ goto out;
>+
>+ error = -ENOENT;
>+ ub = beancounter_findcreate(uid, NULL, 0);
>+ if (ub == NULL)
>+ goto out;
>+
>+ spin_lock_irqsave(&ub->ub_lock, flags);
>+ ub->ub_parms[resource].barrier = new_limits[0];
>+ ub->ub_parms[resource].limit = new_limits[1];
```

>From my understanding it appear that barrier <= limit. But, the check is missing here.

```
>+ spin_unlock_irqrestore(&ub->ub_lock, flags);
>+
```

```
> + put_beancounter(ub);
> + error = 0;
> +out:
> + return error;
> +}
> +#endif
>
> -----
> Using Tomcat but need to do more? Need to support web services, security?
> Get stuff done quickly with pre-integrated technology to make your job easier
> Download IBM WebSphere Application Server v.1.0.1 based on Apache Geronimo
> http://sel.as-us.falkag.net/sel?cmd=lnk&kid=120709&b id=263057&dat=121642
> _____
> ckrm-tech mailing list
> https://lists.sourceforge.net/lists/listinfo/ckrm-tech
--
```

Chandra Seetharaman | Be careful what you choose....
- sekharan@us.ibm.com |you may get it.
