
Subject: Re: [Announce] Checkpoint-restore tool v0.1

Posted by [richard -rw- weinberg](#) on Tue, 31 Jul 2012 10:21:58 GMT

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On Tue, Jul 31, 2012 at 12:16 PM, Cyrill Gorcunov <gorcunov@openvz.org> wrote:
> On Tue, Jul 31, 2012 at 12:08:22PM +0200, richard -rw- weinberger wrote:
>> On Tue, Jul 31, 2012 at 11:54 AM, Pavel Emelyanov <xemul@parallels.com> wrote:
>> >> Yeah, but I fear it's not that easy.
>> >> We'd have to change crtools to work without ptrace().
>> >
>> > Well, this is hard. Using ptrace saved us from having many special-purpose
>> > APIs for dumping various stuff (there will be an article about it). Thus I
>> > don't know which way is simpler -- stop using ptrace or teach ptrace to allow
>> > several tracers to attach to one task %)
>>
>> Allowing multiple tracers in a safe way is IMHO even more harder.
>>
>> BTW: While reading prctl_set_mm() I noticed two things.
>> 1. Why isn't the return value of find_vma() verified?
>
> prctl_set_mm
> vma = find_vma(mm, addr);
> ...
> if (!vma) {
> error = -EFAULT;
> goto out;
> }
>
> these values are used in procfs statistics only. So I don't get
> which verify you mean here.

If I do PR_SET_MM_START_BRK the if(!vma) will never be executed because there a break in case PR_SET_MM_START_BRK.

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Thanks,
//richard
