Subject: Re: [patch -mm 09/17] nsproxy: add namespace flags Posted by Cedric Le Goater on Mon, 11 Dec 2006 15:27:16 GMT View Forum Message <> Reply to Message

Eric W. Biederman wrote: > Cedric Le Goater <clg@fr.ibm.com> writes: > >>>> /* >>>> + * namespaces flags >>> + */ >>>> +#define NS MNT 0x0000001 >>>> +#define NS UTS 0x0000002 >>> +#define NS_IPC 0x0000004 >>> +#define NS PID 0x0000008 >>>> +#define NS_NET 0x0000010 >>>> +#define NS_USER 0x00000020 >>> +#define NS_ALL (NS_MNT|NS_UTS|NS_IPC|NS_PID|NS_NET|NS_USER) >>> hmm, why another set of flags to refer to the >>> namespaces? >> well, because namespaces are a new kind in the kernel >

> Gratuitous incompatibility.

?

>>> is the clone()/unshare() set of flags not sufficient

>>> for that?

>> because we are reaching the limits of the CLONE_ flags.

> Not really. There are at least 8 bits that clone cannot use > but that unshare can.

please, could you list them ?

>>> if so, shouldn't we switch (or even better change?
>>> the unshare() too) to a new set of syscalls?
>> unshare_ns() is a new syscall and we don't really need a
>> clone anyway. nop ?
>

> Huh? Clone should be the primary. There are certain namespaces
 > that it are very hard to unshare, without creating a new process.

You just said above that clone had less available flags than unshare ...

anyway, could you elaborate a bit more ? I have the opposite feeling and you gave me that impression also a few month ago.

No problem for me, i just want a way to use this stuff without

```
>>> we should think twice before we create just another
>>> set of flags, and if we do so, please let us change
>>> them all, including certain clone flags (and add a
>>> single compatibility wrapper for the 'old' syscalls)
>> so you would keep the unshare as is but change the set
>> of flags its using, making sure the old ones are still
>> compatible with the new ones.
>>
>> something like this :
>>
>> int sys_unshare(int unshare_flags)
>> {
>> int unshare_ns_flags;
>>
>> unshare_ns_flags = convert_flags(unshare_flags);
>>
>> return sys_unshare_ns(unshare_ns_flags);
>> }
>>
>> ?
>
> If necessary.
ok good. will check it out.
```

C.

Containers mailing list Containers@lists.osdl.org https://lists.osdl.org/mailman/listinfo/containers

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