Subject: Re: semantics for namespace naming
Posted by Cedric Le Goater on Wed, 20 Dec 2006 09:36:56 GMT
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Herbert Poetzl wrote:
> On Thu, Dec 14, 2006 at 09:36:31AM -0600, Serge E. Hallyn wrote:
>
> [lot of stuff zapped here]
>
>> Quoting Cedric Le Goater (clg@fr.ibm.com):
>>> how do you enter only a subset of namespaces of a nsproxy/container
>>> and not all of it ?
>> one container corresponds to one nsproxy which is one set of
>> namespaces. Are you asking how you would only switch your pid
>> namespace but keep your network namespace as the original?
>>
>> I'm not sure that's something we want/need to support.
>
> I can, we use this for several purposes, one is to
> extend or modify the VFS namespace by mounting or
> unmounting filesystems _into_ the guest
>
>> (Can you cite a use case?)
>
>> But since I haven't specified how to ask for the nsproxy switch
>> anyway, it's too early to ask how we add a flag to specify a
>> namespace subset :)
>
> we (Linux-VServer) extended the set/enter_namespace
> command to take a flag mask similar to unshare
> (only 64bit wide :) to allow for 'selecting' the
> proper spaces
>
> note: the nsproxy a context is referring to can also
> be changed this way, and a priviledged process can
> enter each guest space separately ...

I'll work on a clone64 and unshare64 in January. But did you take
a look at the bind_ns syscall to see how it fits with vserver ?

C.
_____