Subject: Re:  Re: [PATCH 1/2] SYSCTL: root unregister routine introduced
Posted by Glauber Costa on Tue, 13 Dec 2011 10:04:08 GMT
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On 12/13/2011 02:03 PM, Kinsbursky Stanislav wrote:

>> On 12/13/2011 01:02 PM, Stanislav Kinsbursky wrote:

>>>> On Mon, 12 Dec 2011 21:50:00 +0300
>>>> Stanislav Kinsbursky<skinsbursky@parallels.com> wrote:
>>>>
>>>>> This routine is required for SUNRPC sysctl's, which are going to be
>>>>> allocated,
>>>>> processed and destroyed per network namespace context.
>>>>> IOW, new sysctl root will be registered on network namespace creation
>>>>> and
>>>>> thus have to unregistered before network namespace destruction.
>>>>>
>>>> It's a bit suspicious that such a mature subsystem as sysctl newly
>>>> needs its internals exported like this. Either a) the net namespaces
>>>> work is doing something which hasn't been done before or b) it is doing
>>>> something wrong.
>>>>
>>>> So, please explain further so we can confirm that it is a) and not b).
>>>>
>>> Hello, Andrew.
>>> The goal is to provide an ability to control and modify data by sysctl's
>>> in network namespace context. This is done by "net" sysctl's.
>>> But there are two more issues to solve:
>>> 1) Sysctl's have to be in /proc/sys/sunrpc
>>> 2) Sysctl's content should be accessible from creator's network context
>>> (not current user ones's).
>>>
>> Have you taken a look at how it is done at net/ipv4/sysctl_tcp_ipv4.c ,
>> for instance?
>
> I don't have this file.
> Probably you are talking about net/ipv4/sysctl_net_ipv4.c, don't you?

Yeah, my bad.

>> It manages to handle a per-net sysctl table without touching a single
>> bit at the kernel's core sysctl routines. Not entirely sure if it would
>> fit your use case, but maybe it is worth taking a look.
>>
>> That file achieves both 1) and 2) that you described...
>>
>>