
Subject: Re: Re: [PATCH 1/2] SYSCTL: root unregister routine introduced
Posted by [Kinsbursky Stanislav](#) on Tue, 13 Dec 2011 10:03:50 GMT
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> 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?

> 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...
>
>
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Best regards,
Stanislav Kinsbursky
