
Subject: Proc statistic interface for venet
Posted by [dietmar](#) on Thu, 06 Oct 2011 15:03:54 GMT
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Is there some interface to get statistics for venet device? I found and old patch:

http://forum.openvz.org/index.php?t=msg&th=459&goto=2581&#msg_2581

but seems that this is not included in current 2.6.32 kernel?

- Dietmar

Subject: Re: Proc statistic interface for venet
Posted by [Gary Wallis](#) on Thu, 06 Oct 2011 15:30:03 GMT
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This is how I get traffic data...

```
[root@xc7 ubc]# grep venet0 /proc/net/dev
venet0:205043590448 1030583416 0 0 0 0 0 0
199946969183 1042842376 0 1452 0 0 0 0
[root@xc7 ubc]#
```

Dietmar Maurer wrote:

> Is there some interface to get statistics for venet device? I found and old patch:
>
> http://forum.openvz.org/index.php?t=msg&th=459&goto=2581&#msg_2581
>
> but seems that this is not included in current 2.6.32 kernel?
>
> - Dietmar

Subject: RE: Proc statistic interface for venet
Posted by [dietmar](#) on Thu, 06 Oct 2011 15:43:31 GMT
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Well, I want statistics for each container. /proc/net/dev only shows overall traffic?

- Dietmar

> -----Original Message-----
> From: users-bounces@openvz.org [mailto:users-bounces@openvz.org] On
> Behalf Of Gary Wallis
> Sent: Donnerstag, 06. Oktober 2011 17:30
> To: users@openvz.org

> Subject: Re: [Users] Proc statistic interface for venet
>
> This is how I get traffic data...
>
> [root@xc7 ubc]# grep venet0 /proc/net/dev
> venet0:205043590448 1030583416 0 0 0 0 0 0
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> Dietmar Maurer wrote:
> > Is there some interface to get statistics for venet device? I found an old
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> >
> > but seems that this is not included in current 2.6.32 kernel?
> >
> > - Dietmar

Subject: Re: Proc statistic interface for venet
Posted by [Gary Wallis](#) on Thu, 06 Oct 2011 16:31:04 GMT
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Each container has one also...for example for VEID=17801

```
[root@xc7 ubc]# grep venet /vz/root/17801/proc/net/dev
venet0:205802061231 1034310182 0 0 0 0 0 0
200705808251 1046608527 0 1452
```

Dietmar Maurer wrote:
> Well, I want statistics for each container. /proc/net/dev only shows overall traffic?
>
> - Dietmar

Subject: RE: Proc statistic interface for venet
Posted by [dietmar](#) on Thu, 06 Oct 2011 18:06:47 GMT
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> Each container has one also...for example for VEID=17801

Oh, so I do not need to call 'vzctl exec' to get that data?

- Dietmar

Subject: Re: Proc statistic interface for venet
Posted by [Gary Wallis](#) on Thu, 06 Oct 2011 22:22:37 GMT
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Dietmar Maurer wrote:

>> Each container has one also...for example for VEID=17801

>

> Oh, so I do not need to call 'vzctl exec' to get that data?

>

> - Dietmar

>

>

Why? Save time and effort just get it directly from the hardware node as my example shows using /vz/root/VEID/proc/net/dev. We use fopen() in C to read these files in the unxsVZ OpenVZ management system, but you can read it from BASH or Perl with a little more overhead.

Subject: RE: Proc statistic interface for venet
Posted by [dietmar](#) on Fri, 07 Oct 2011 04:52:01 GMT
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> Why? Save time and effort just get it directly from the hardware node as my
> example shows using /vz/root/VEID/proc/net/dev.

Well, that file is simply not there on my system (latest openvz 2.6.32 kernel). I can only see it inside the VM.

So what kernel do you use exactly?

- Dietmar
