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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 an old patch:

[http://forum.openvz.org/index.php?t=msg&th=459&goto=2581&#msg\\_2581](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

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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 an old patch:

>

> [http://forum.openvz.org/index.php?t=msg&th=459&goto=2581&#msg\\_2581](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

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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) [mailto:[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](mailto: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  
> 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 an old  
> patch:  
> >  
> > [http://forum.openvz.org/index.php?t=msg&th=459&goto=2581&#msg\\_2581](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

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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

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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

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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.

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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

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