Subject: UDP traffic doesn't arrive in VPS
Posted by Arjan Schrijver on Wed, 19 Dec 2007 10:53:13 GMT
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Hello people,

I've got a problem with my OpenVZ installation. We wanted to build a
syslog server on a VPS, but it looks like OpenVZ can't handle the UDP
traffic that arrives at the VPS.
When we have 3 or less servers logging to the VPS, everything works like
a charm. But when more (mail-) servers start logging, the UDP buffer
seems to overflow.
I looked at /proc/user_beancounters on the hardware node, and there were
no errors in the dgramrcvbuf line (or any other line). The buffer just
seems to fill until about 300000 (the limit is 1500000). The buffer
never gets above 300000, but most of the loglines don't arrive in the VPS.
Is there a limit on UDP traffic one VPS can receive?

Thanks in advance.
Regards,
Arjan

Subject: Re: UDP traffic doesn't arrive in VPS
Posted by gblond on Wed, 19 Dec 2007 13:05:17 GMT
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On 19 December 2007 13:53:13 Arjan Schrijver wrote:
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>
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> seems to fill until about 300000 (the limit is 1500000). The buffer
> never gets above 300000, but most of the loglines don't arrive in the VPS.
> Is there a limit on UDP traffic one VPS can receive?

I did't hear about any limit on UDP traffic for VPS.
Can you describe your system configuration, kernel version, syslog
and related config files?

Note, that UDP doesn't support flow control, therefore some data can be lost.

Try to change sysctl net.core.rmem_default. It parameter is used to set socket receive buffer size.

>
> Thanks in advance.
> Regards,
> Arjan
--
Thank,
Vitaliy Gusev

Subject: Re: UDP traffic doesn't arrive in VPS
Posted by vaverin on Thu, 20 Dec 2007 07:05:43 GMT
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Hi Arjan,

IMHO it makes sense to check traffic by tcpdump: on the host server's external interface and on internal venet interface, and then on venet inside VE.

thank you,
Vasily Averin
