Subject: Transfer rate from inside container?
Posted by hedbanger83 on Sat, 19 Jul 2008 18:36:19 GMT
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Hi,

My host server is on a 100Mbit connection. I installed openvz and set up a couple containers. I haven't done anything that I know to to limit the transfer rates of the containers, but whenever I enter one of the containers and wget some decently sized file from the internet, It averages about 500KB/s. Whereas a wget for the same file from the host runs at up to 10MB/s.. I looked at the traffic shaping with TC page, and if I follow the example for incoming bandwidth I can limit it perfectly fine. For example I can set it to limit at 10kbits and the download rate from the container goes down to like 2KB/s, but if I use TC and set that containers IP to 100mbit, it still never transfers at more than 500-600KB/s.. I thought I was all ready to go, and then I realized this annoying issue. I really don't want to limit the bandwidth of the containers at all, incoming or outgoing. I just want them to use all available bandwidth.

Any help would be great.

Thanks much,
Kyle

Subject: Re: Transfer rate from inside container?
Posted by hedbanger83 on Sat, 19 Jul 2008 19:04:08 GMT
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sorry if it is annoying to see posts like this, but i can't find any info relating to my problem

Subject: Re: Transfer rate from inside container?
Posted by foxi on Sun, 20 Jul 2008 21:09:48 GMT
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Hi,

I just gave it a try and transferred the actual jdk (75MB) from my workstaton to one of my OpenVZ-machines (one of five active ones on a 933MHz server, very little load) with scp. Transfer rate was 7.5MB/s (75MB in 10s) on my 100MBit network. I used OpenVZ since several years for professional web serving, and I only experienced network problems like your's, if something else was wrong, usually DNS or routing issues. Maybe you should have a look at these.

Regards, Frank.

Subject: Re: Transfer rate from inside container?

Posted by sspt on Mon, 21 Jul 2008 15:42:49 GMT
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Have you tried to increase your tcprcvbuf barrier & limit?
This UBC parameter can directly affect your network performance without increasing the failcount.

You can find more info about tcprcvbuf at
http://wiki.openvz.org/Tcprcvbuf#tcprcvbuf