Subject: imaging Ubuntu 6.06, having "buffer" errors.
Posted by wastedfluid on Mon, 30 Jul 2007 23:46:11 GMT
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Hi guys. Searched for this kind of thing, but can't find it.

Have openvz installed; imaging Ubuntu 6.06 LTS off of it.

My problem is this: After about 2-3 hours, or about 80 connections from UnrealIRCD(I'm testing Ubuntu for ircds), the box locks up, networking wise..

You can't SSH into the box. The SSHD server is fine, running, and listening for connections. You can restart the SSHD sever.. makes no difference. The SSH server DOES work after a fresh system restart. Something is killing it.

This is what you get if you try to SSH into the imaged Ubuntu after it "locks up"

ssh admin@XX.XXX.XXX.XXX
ssh_exchange_identification: Connection closed by remote host
wastedfluid@wastedfluid:~$

However, if you "vzctl enter 102" and enter the box - you can ping.

This is what happens when I tried to SSH into the Imaged Ubuntu 6.06LTS from itself via "vzctl enter 102"

root@jbodystreet:/# ssh admin@XX.XXX.XXX.XXX
ssh: connect to host XX.XXX.XXX.XXX port 22: No buffer space available
root@jbodystreet:/#

UnrealIRCD can still accept incoming connections from the Ubuntu.

You get errors such as "No buffer space available" .. I "vzctl enter 102" as root on the Imaged Ubuntu6.06LTS, and I couldn't even ssh out, or ping out, just kept getting "No buffer space available"

Subject: Re: imaging Ubuntu 6.06, having "buffer" errors.
Posted by rickb on Mon, 30 Jul 2007 23:49:48 GMT
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cat /proc/user_beancounters
'duplicate problem'
cat /proc/user_beancounters

any failcnt increases?

Rick

Subject: Re: imaging Ubuntu 6.06, having "buffer" errors.
Posted by wastedfluid on Tue, 31 Jul 2007 00:00:18 GMT
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root@jbodystreet:/# cat /proc/user_beancounters
Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
102:	kmemsize	2056091	2596043	2752512	2936012	0
	lockedpages	0	0	32	32	0
	privvmpages	5172	46806	49152	53575	0
	shmpages	192	849	50000	50000	0
	dummy	0	0	0	0	0
	numproc	21	40	200	200	0
	physpages	3735	12653	0	2147483647	0
	vmguarpages	0	0	30000	2147483647	0
	oomguarpages	3744	12653	6144	2147483647	0
	numtcpsock	239	294	4000	4000	0
	numflock	2	10	100	110	0
	numpty	1	2	16	16	0
	numsiginfo	0	3	256	256	0
	tcpsndbuf	388792	394288	389488	524288	238315367
	tcprcvbuf	12852	395340	389488	524288	903
	othersockbuf	125216	130952	389488	524288	0
	dgramrcvbuf	0	8568	389488	524288	0
	numothersock	87	93	4000	4000	0
	dcachesize	0	0	1048576	1097728	0
	numfile	845	968	2048	2048	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	numiptent	4	4	128	128	0

Oh my. Look at the failcnt... what's that mean?

Subject: Re: imaging Ubuntu 6.06, having "buffer" errors.
Posted by rickb on Tue, 31 Jul 2007 00:02:16 GMT
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there are failcnt's, but is there an increase?

note that I told you to run it twice for a reason.

Subject: Re: imaging Ubuntu 6.06, having "buffer" errors.
Posted by wastedfluid on Tue, 31 Jul 2007 00:03:21 GMT
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My apologies.

root@jbodystreet:/# cat /proc/user_beancounters
Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
102:	kmemsize	2071616	2596043	2752512	2936012	0
	lockedpages	0	0	32	32	0
	privvmpages	5172	46806	49152	53575	0
	shmpages	192	849	50000	50000	0
	dummy	0	0	0	0	0
	numproc	21	40	200	200	0
	physpages	3735	12653	0	2147483647	0
	vmguarpages	0	0	30000	2147483647	0
	oomguarpages	3744	12653	6144	2147483647	0
	numtcpsock	244	294	4000	4000	0
	numflock	2	10	100	110	0
	numpty	1	2	16	16	0
	numsiginfo	0	3	256	256	0
	tcpsndbuf	388792	394288	389488	524288	239533654
	tcprcvbuf	8568	395340	389488	524288	903
	othersockbuf	125216	130952	389488	524288	0
	dgramrcvbuf	0	8568	389488	524288	0
	numothersock	87	93	4000	4000	0
	dcachesize	0	0	1048576	1097728	0
	numfile	840	968	2048	2048	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	numiptent	4	4	128	128	0

root@jbodystreet:/#

After waiting 30 seconds:

```
root@jbodystreet:/# cat /proc/user_beancounters
Version: 2.5
       uid  resource           held    maxheld    barrier      limit    failcnt
      102:  kmemsize        2060484    2596043    2752512    2936012          0
            lockedpages          0          0         32         32          0
            privvmpages       5172      46806      49152      53575          0
            shmpages           192        849      50000      50000          0
            dummy                0          0          0          0          0
            numproc             21         40        200        200          0
            physspages        3734      12653          0 2147483647          0
            vmguarpages          0          0      30000 2147483647          0
            oomguarpages      3743      12653       6144 2147483647          0
            numtcpsock         241        294       4000       4000          0
            numflock             2         10        100        110          0
            numpty               1          2         16         16          0
            numsiginfo           0          3        256        256          0
            tcpsndbuf       388792     394288     389488     524288  239759532
            tcprcvbuf         4284     395340     389488     524288        903
            othersockbuf    125216     130952     389488     524288          0
            dgramrcvbuf          0       8568     389488     524288          0
            numothersock        87         93       4000       4000          0
            dcachesize           0          0    1048576    1097728          0
            numfile            847        968       2048       2048          0
            dummy                0          0          0          0          0
            dummy                0          0          0          0          0
            dummy                0          0          0          0          0
            numiptent            4          4        128        128          0
root@jbodystreet:/#
```

Subject: Re: imaging Ubuntu 6.06, having "buffer" errors.
Posted by rickb on Tue, 31 Jul 2007 00:05:02 GMT
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ok, now increase the ubc metric that has increased failcnt.

Rick

Subject: Re: imaging Ubuntu 6.06, having "buffer" errors.
Posted by wastedfluid on Tue, 31 Jul 2007 00:05:50 GMT
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rickb wrote on Mon, 30 July 2007 20:05ok, now increase the ubc metric that has increased failcnt.

Rick

Rick, I can only wish I knew what you mean. I'll try and google this...

Subject: Re: imaging Ubuntu 6.06, having "buffer" errors.
Posted by rickb on Tue, 31 Jul 2007 00:11:56 GMT
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read the ubc wiki page in my sig, then run:

vzctl set 102 --tcpsndbuf 2589488:3589488 --save

Subject: Re: imaging Ubuntu 6.06, having "buffer" errors.
Posted by wastedfluid on Tue, 31 Jul 2007 00:14:20 GMT
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rickb wrote on Mon, 30 July 2007 20:11read the ubc wiki page in my sig, then run:

vzctl set 102 --tcpsndbuf 2589488:3589488 --save

Rick,

I read your wiki. Very useful.

Thank you so much for your help. I really appreciate it.
