
Subject: *SOLVED* Asterisk inside VPS slow
Posted by chinaman on Thu, 12 Oct 2006 04:56:06 GMT
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Hello,

i am testing to use asterisk inside a VPS and i 've been shocked when I checked the times fro translating codecs. I am running Debian as well on HW as inside VPS.

voip*CLI> show translation

Translation times between formats (in milliseconds)
Source Format (Rows) Destination Format(Columns)

	g723	gsm	ulaw	alaw	g726	adpcm	slin	lpc10	g729	speex	ilbc
g723	-	-	-	-	-	-	-	-	-	-	-
gsm	-	-	26	26	80	39	25	128	-	683	516
ulaw	-	58	-	1	62	21	7	110	-	665	498
alaw	-	59	1	-	63	22	8	111	-	666	499
g726	-	102	52	52	-	65	51	154	-	709	542
adpcm	-	52	2	2	56	-	1	104	-	659	492
slin	-	51	1	1	55	14	-	103	-	658	491
lpc10	-	138	88	88	142	101	87	-	-	745	578
g729	-	-	-	-	-	-	-	-	-	-	-
speex	-	102	52	52	106	65	51	154	-	-	542
ilbc	-	130	80	80	134	93	79	182	-	737	-

To see the difference I installed Asterisk inside the HW and here it seems to be OK.

*CLI> show translation

Translation times between formats (in milliseconds)
Source Format (Rows) Destination Format(Columns)

	g723	gsm	ulaw	alaw	g726	adpcm	slin	lpc10	g729	speex	ilbc
g723	-	-	-	-	-	-	-	-	-	-	-
gsm	-	-	2	2	2	1	4	-	25	15	
ulaw	-	2	-	1	2	2	1	4	-	25	15
alaw	-	2	1	-	2	2	1	4	-	25	15
g726	-	2	2	2	-	2	1	4	-	25	15
adpcm	-	2	2	2	2	-	1	4	-	25	15
slin	-	1	1	1	1	1	-	3	-	24	14
lpc10	-	3	3	3	3	3	2	-	-	26	16
g729	-	-	-	-	-	-	-	-	-	-	-
speex	-	2	2	2	2	2	1	4	-	-	15
ilbc	-	3	3	3	3	3	2	5	-	26	-

Does anybody know about such Problem. Where could I do some more tests to figure out what might be wrong?

Thanks.
Best reards

Thomas

Subject: Re: Asterisk inside VPS slow
Posted by [John Kelly](#) on Thu, 12 Oct 2006 05:44:52 GMT
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Have you read the wiki?

http://wiki.openvz.org/Asterisk_in_VE_with_debian_stable

Subject: Re: Asterisk inside VPS slow
Posted by [chinaman](#) on Thu, 12 Oct 2006 06:24:29 GMT
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John Kelly wrote on Thu, 12 October 2006 01:44Have you read the wiki?

Yes, I did. But I didn't saw any special instructions in there as long I am not using capi or zaptel.
Did I missed anything?

I compiled latest Asterisk release from source (1.2.12.1)

Subject: Re: Asterisk inside VPS slow
Posted by [Valmont](#) on Thu, 12 Oct 2006 07:04:56 GMT
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Standart question:

Is there any faults in /proc/user_beancounters ?

Subject: Re: Asterisk inside VPS slow
Posted by [chinaman](#) on Thu, 12 Oct 2006 07:57:16 GMT
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My /proc/user_beancounters

Version: 2.5

uid resource	held	maxheld	barrier	limit	failcnt
103: kmemsize	639423	936483	2752512	2936012	0
lockedpages	0	0	32	32	0
privvmpages	11276	32240	49152	53575	0
shmpages	0	3360	8192	8192	0
dummy	0	0	0	0	0
numproc	22	36	65	65	0
physpages	9308	31498	0	2147483647	0
vmguarpages	0	0	6144	2147483647	0
oomguarpages	9308	31498	6144	2147483647	0
numtcpsock	3	13	80	80	0
numflock	1	7	100	110	0
numpty	1	3	16	16	0
numsiginfo	0	4	256	256	0
tcpsndbuf	0	146520	319488	524288	0
tcprcvbuf	0	221936	319488	524288	0
othersockbuf	15540	134488	132096	336896	2993
dgramrcvbuf	0	131800	132096	132096	45042
numothersock	8	33	80	80	0
dcachesize	123760	151300	1048576	1097728	0
numfile	244	1060	2048	2048	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
numiptent	10	10	128	128	0

So it looks that there is a problem with othersockbuf and dgramrcvbuf. May I change this parameters without restart the VPS? May I disable all quotas for testing without shutdown?

Thanks.

Subject: Re: Asterisk inside VPS slow
Posted by [Valmont](#) on Thu, 12 Oct 2006 08:00:24 GMT
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Yes, you can change it on the fly. man vzctl

Subject: Re: Asterisk inside VPS slow
Posted by [chinaman](#) on Thu, 12 Oct 2006 08:23:56 GMT
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Thanks. That worked!

Now the show translation table looks the same in VPS and HW.

2 more questions:

1. Is maxheld in /proc/user_beancounters the maximum ever used number of sockets?
2. Which values are preferable for distance between barrier and limit?

Thanks again.
Best regards

Thomas

Subject: Re: Asterisk inside VPS slow
Posted by [Valmont](#) on Thu, 12 Oct 2006 08:42:58 GMT
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1. Yes.
 2. It depend's on what resource you manage. I think, in most cases the safe distance value is default. Certainly, you may increase it.
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