
Subject: Problem with dgramrcvbuf
Posted by [schogge](#) on Tue, 24 Nov 2009 20:06:44 GMT
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Hi all,

I'm running a machine with two voip applications: asterisk and opensips (formerly known as openser).

The applications were working fine for about one week. Finally the asterisk server was no longer able to communicate to anybody. Neither to external voip-servers nor to the opensips server on the same machine. Restarting asterisk solved the problem and asterisk was working fine again.

I noticed that dgramrcvbuf hit the barrier which probably caused asterisk to fail. To eliminate this error for the future I tripled dgramrcvbuf and other resource limits for this container.

After about two weeks the same error happened again. The load on the machine caused by asterisk and opensips hasn't increased a lot.

Is there a way to figure out what exactly leads to this problem. Does anybody have any advice how to solve this issue?

Thanks,
schogge

Subject: Re: Problem with dgramrcvbuf
Posted by [khorenko](#) on Wed, 25 Nov 2009 08:07:08 GMT
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Hi schogge,

I'm not sure this is exactly your case, but I'm aware about one recent Asterisk problem - it does not close UDP sockets sometimes, and thus after some time you get too many opened sockets => system becomes inoperable, and yes, asterisk restart helps:
<https://issues.asterisk.org/view.php?id=15627>

You can check if this is your situation or not by monitoring:
`# cat /proc/net/sockstat`

Hope that helps.

--
Konstantin

Subject: Re: Problem with dgramrcvbuf

Posted by [schogge](#) on Wed, 25 Nov 2009 13:29:37 GMT

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Hi Konstantin,

this answer is very interesting. Thank you very much.

I'm not a 100 % sure if I have same issue as described in the bug report. But it could be. Unfortunately the bug still exists in current asterisk versions.

I tried to to view sockstat inside my container with

```
# cat /proc/net/sockstat
```

but the file seems to be empty. There is no output at all. Is that normal? On the host machine I get this output:

```
TCP: inuse 261 orphan 0 tw 1 alloc 299 mem 40
UDP: inuse 207 mem 57
RAW: inuse 1
FRAG: inuse 0 memory 0
```

Rgs,
schogge

Subject: Re: Problem with dgramrcvbuf

Posted by [khorenko](#) on Wed, 25 Nov 2009 13:51:35 GMT

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Quote:I tried to to view sockstat inside my container with

```
# cat /proc/net/sockstat
```

but the file seems to be empty. There is no output at all. Is that normal?

Yes, this is normal.

Quote:On the host machine I get this output:

```
TCP: inuse 261 orphan 0 tw 1 alloc 299 mem 40
UDP: inuse 207 mem 57
RAW: inuse 1
FRAG: inuse 0 memory 0
```

Well, this is not much. i'd suggest just monitor this file, for example, write a script in cron which will dump the info to a file every, say, 15 minutes. And if the node will be again unresponsive from the asterisk's point of view - just check that log: if you see big numbers - that's it.

Quote:But it could be. Unfortunately the bug still exists in current asterisk versions.

A patch attached to that bug known to fix that problem, so if you get the confirmation that you hit the same problem - it is worth to recompile asterisk from sources with that patch applied.

Hope that helps.

--

Konstantin
