

DragonFlyBSD - Bug #582

PF states bug

03/22/2007 10:35 PM - bastyaeltars

Status: New	Start date:
Priority: High	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	
Description	
Running 1.8.0 here and when I flush the state table in PF (pfctl -F state) then no new state entries get created or at least no program can show them, there are always 0 states (of course there had been thousands of them before flushing).	

History

#1 - 04/19/2007 12:20 PM - corecode

I cannot reproduce this on 1.9-DEVEL. Does this problem persist?

#2 - 04/19/2007 01:18 PM - bastyaeltars

On Thu, 19 Apr 2007 12:20:22 -0000

"Simon 'corecode' Schubert" <bugs@crater.dragonflybsd.org> wrote:

Don't know, is DEVEL stable enough for me to try? Just asking because I can only try this on a production machine. If yes, then I'll post feedback on this next week.

#3 - 04/19/2007 02:15 PM - corecode

Ah, don't worry. Does it persist on 1.8-RELEASE?

cheers
simon

#4 - 04/19/2007 02:33 PM - bastyaeltars

On Thu, 19 Apr 2007 14:15:01 -0000

Simon 'corecode' Schubert <bugs@lists.dragonflybsd.org> wrote:

Yes.

```
-----
szg@fw:/home/szg# pfctl -F all
rules cleared
nat cleared
1 tables deleted.
altq cleared
130 states cleared
source tracking entries cleared
pf: statistics cleared
-----
```

After a few minutes (NB: this is a bridge filtering 70 hosts which are doing soooo much P2P:

```
-----
szg@fw:/home/szg# pfctl -si
Status: Enabled for 0 days 23:06:11      Debug: Urgent
```

Hostid: 0xbaafed3e

Interface Stats for sk1	IPv4	IPv6
Bytes In	72602328	0
Bytes Out	272202489	0
Packets In		
Passed	203338	0
Blocked	22	0
Packets Out		
Passed	292272	0
Blocked	0	0

State Table	Total	Rate
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```
current entries      0
searches            1983044    23.8/s
inserts             0        0.0/s
removals            0        0.0/s
Counters
match               1983044    23.8/s
bad-offset          0        0.0/s
fragment            0        0.0/s
short               36        0.0/s
normalize            0        0.0/s
memory              0        0.0/s
```

szg@fw:/home/szg# uname -a

DragonFly fw.jancso.szote.u-szeged.hu 1.8.1-RELEASE DragonFly 1.8.1-RELEASE #5: Tue Mar 27 23:27:44 CEST 2007

szg@fw.jancso.szote.u-szeged.hu:/usr/obj/usr/src/sys/BRIDGE i386

Since the number of matches keep increasing on each information query, I suspect that this is actually an error in query/response to it, maybe there are actual states (any way to check that?)

#5 - 07/16/2007 08:18 PM - bastyaeltars

As this bug has been marked as a blocker for 1.10, and I am the reporter, I would like to rephrase my last question:

Is there an actual way to get whether new states are actually created?

You can supply me a patch that e. g. writes a log entry after having created a state or does a notification in a different way, it just has to be kernel-level, since the only problem may be that PF fails to report state info back to userland if a flush has been done.

If states get created just pfctl and pftop cannot retrieve this information, I consider the issue a minor annoyance (and not a release blocker in any way), since it does not impair PF's actual work.

#6 - 09/08/2009 08:56 PM - alexh

anyone still experiences this issue?

Should be long solved since it used to be a blocker for 1.10-RELEASE ;)

Cheers,
Alex Hornung

#7 - 08/13/2010 01:29 PM - sjg

pf was recently updated in master, does it fix this issue?