Suricata - Bug #1768
packet processing threads doubled
04/25/2016 04:33 PM - Peter Manev

Status: Closed
Priority: High
Assignee: Andreas Herz
Category:
Target version: 3.1rc1
Affected Versions:
Effort:
Difficulty:
Label:

Description
Using workers mode with both afpacket or pfring with - 3.1dev (rev faf84fe).

If an interface (the only one) is configured with 8 threads in suricata.yaml's afpacket section - example eth2 - when starting Suricata like so:

/usr/local/bin/suricata -c /etc/suricata/suricata.yaml --af-packet=eth2

we get 8 packet processing threads.

If we start suricata like so:

/usr/local/bin/suricata -c /etc/suricata/suricata.yaml --af-packet

we get 16 packet processing threads. This can be observed with pfring as well.

History
#1 - 05/22/2016 05:25 PM - Andreas Herz
For now we narrowed it down to the fact, that there are two calls of "ParseInterfacesList" that came with https://github.com/inliniac/suricata/commit/c0294521dd3124bd0795bcb009f6ee1892017d1 so if I remove that line it's the correct amount of threads again.

#2 - 05/24/2016 01:16 AM - Victor Julien
- Status changed from New to Assigned
- Assignee set to Andreas Herz
- Target version set to 70

#3 - 05/28/2016 06:02 AM - Victor Julien
- Priority changed from Normal to High

#4 - 05/28/2016 05:58 PM - Andreas Herz
Victor, do you remember why you copied it down there?
I see several solutions to resolve that, depending on what you head in mind :

1. Remove that second call
2. Check if it has been already finished
3. Call it twice but fix it within the call

#5 - 05/30/2016 04:18 AM - Victor Julien
I don't think I had anything in mind specifically. It's done a 'cleanup' commit, so likely just an oversight.

#6 - 06/01/2016 07:11 AM - Victor Julien
- Status changed from Assigned to Closed
- Target version changed from 70 to 3.1rc1

https://github.com/inliniac/suricata/pull/2128