Suricata - Feature #845
Memory consumption in stats.log
07/02/2013 10:00 AM - Peter Manev

Status: New
Priority: Normal
Assignee: OISF Dev
Category: 
Target version: TBD
Effort: 
Difficulty: 
Label: 

Description
It will be very helpful if some more stats can be added in the stats.log
May be at the bottom of each update/run - how much memory (in MB if possible) is Suricata using for flow, stream, reassembly and fragmentation.
Or in other words - mirror of the yaml settings for flow, stream, reassembly and fragmentation, but from actual physical memory consumption point of view.

Thank you

History
#1 - 10/26/2013 10:21 AM - Victor Julien
- Target version set to TBD

#2 - 01/01/2016 06:18 PM - Andreas Herz
- Assignee set to OISF Dev

#3 - 05/28/2019 09:35 PM - Andreas Herz
This would be really helpful but would it also increase the load to calculate it each time?

#4 - 05/28/2019 09:46 PM - Peter Manev
Most of these mem stats are already in:

tcp.memuse | Total | 2240000000
tcp.reassembly_memuse | Total | 384780288
http.memuse | Total | 260882
ftp.memuse | Total | 696
flow.memuse | Total | 7612575672

#5 - 05/28/2019 09:54 PM - Andreas Herz
So we have still missing:
- dns
- defrag
- host table
- ippair

stream is covered by the tcp ones.
At least this is the list I could come up with based on possible memory settings in the suricata.yaml.

Do you see any others?

#6 - 05/28/2019 10:32 PM - Peter Manev
For some of those we have memcaps counters(dns for example) so it still helps a bit. Don't see any others for now.