**Suricata - Feature #845**

**Memory consumption in stats.log**

07/02/2013 10:00 AM - Peter Manev

<table>
<thead>
<tr>
<th>Status:</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>OISF Dev</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>TBD</td>
</tr>
<tr>
<td>Effort:</td>
<td></td>
</tr>
<tr>
<td>Difficulty:</td>
<td></td>
</tr>
</tbody>
</table>

**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 | 224000000
tcp.reassembly_memuse | Total | 384780288
http.memuse | Total | 250882
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.