Suricata - Feature #2300

DPDK integration

11/28/2017 09:50 AM - Victor Julien

<table>
<thead>
<tr>
<th>Status:</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
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</tr>
<tr>
<td>Assignee:</td>
<td>Community Ticket</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
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<tr>
<td>Target version:</td>
<td>TBD</td>
</tr>
<tr>
<td>Effort:</td>
<td>high</td>
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<tr>
<td>Difficulty:</td>
<td>high</td>
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**Description**

Various implementations appear to exist, none has been contributed yet.

**History**

**#1 - 11/30/2017 07:34 AM - Andreas Herz**
- Assignee set to OISF Dev
- Target version set to TBD

Sadly we didn't get any response from the people who were working on that, see #1895 and #1825 :-( Did anyone play with that already or has some experience? I just see Jesper Brouer from Redhat tweeting a lot about DPDK :-)

Would this be something for a project with academia?

**#2 - 12/20/2017 09:15 AM - Victor Julien**
- Assignee changed from OISF Dev to Anonymous

**#3 - 06/12/2018 05:44 PM - Jason Ish**
- Effort set to high
- Difficulty set to high

From what I've seen of DPDK, it would be hard to add DPDK support that suits all users?

**#4 - 02/23/2019 10:06 PM - Andreas Herz**
- Assignee set to Community Ticket

**#5 - 06/20/2019 05:03 AM - seungho yang**

I am awaiting this feature.  
but, I can't wait, so I try to develop it.

Which runmode is better for high performance with DPDK?

- 2 sockets, 12 cores, HT = 48 cores

If there is a recommendation, I will try it first.  
or worker mode first.

**#6 - 07/08/2019 09:27 AM - Victor Julien**

Workers mode is best for performance.