**Suricata - Feature #4507**

dpdk: initial support for IDS and IPS modes

06/02/2021 03:31 PM - Lukas Sismis

| Status:  | Closed       |
| Priority: | Normal       |
| Assignee: | Lukas Sismis |
| Category: |              |
| Target version: | 7.0rc1 |

**Description**

Introduce support of capture interface that makes use of Data Plane Development Kit (DPDK).

Provide functionality in workers runmode and implement both IDS and IPS modes.

Apart from the code, update documentation as well.

**Related issues:**

- Related to Feature #2300: DPDK integration
- Related to Feature #4910: dpdk: implement secondary mode

**History**

**#1 - 06/02/2021 03:47 PM - Jason Ish**

- Related to Feature #2300: DPDK integration added

**#2 - 06/02/2021 03:49 PM - Jason Ish**

DPDK support ticket already exists and I believe there is some ongoing work from the community. Some related, but not-merged, but closed pull-requests do exist:

[https://github.com/OISF/suricata/pulls?q=is%3Apr+dpdk+is%3Aclosed](https://github.com/OISF/suricata/pulls?q=is%3Apr+dpdk+is%3Aclosed)

**#3 - 12/15/2021 11:26 AM - Victor Julien**

- Status changed from New to Closed
- Target version set to 7.0rc1

DPDK 19.11+ support for IDS and IPS as primary app merged:

[https://github.com/OISF/suricata/pull/6708](https://github.com/OISF/suricata/pull/6708)

**#4 - 12/15/2021 11:29 AM - Victor Julien**

- Related to Feature #4910: dpdk: implement secondary mode added

**#5 - 12/15/2021 11:29 AM - Victor Julien**

- Subject changed from Add DPDK capture interface to dpdk: initial support for IDS and IPS modes