Suricata - Feature #808
Feature # 1234 (New): nfqueue: use mnl API
Support the new GSO-avoidance NFQ feature
05/06/2013 04:46 AM - Eric Leblond

<table>
<thead>
<tr>
<th>Status</th>
<th>Assigned</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee</td>
<td>Community Ticket</td>
</tr>
<tr>
<td>Category</td>
<td></td>
</tr>
<tr>
<td>Target version</td>
<td>TBD</td>
</tr>
<tr>
<td>Effort</td>
<td>high</td>
</tr>
<tr>
<td>Difficulty</td>
<td>high</td>
</tr>
</tbody>
</table>

**Description**
Florian Westphal has recently submitted a patchset that allow kernel not to split big packet received by network card. This provides a performance boost.

The patchset is available here: [http://www.spinics.net/lists/netfilter-devel/msg26029.html](http://www.spinics.net/lists/netfilter-devel/msg26029.html)

Suricata should support this to increase its performance in IPS mode.

**History**

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

- **#2 - 11/28/2013 04:22 AM - Victor Julien**
  - Status changed from New to Assigned
  - Target version changed from TBD to 3.0RC2

- **#3 - 07/08/2014 04:53 AM - Victor Julien**
  - Parent task set to #1234

- **#4 - 11/05/2014 04:50 AM - Victor Julien**
  - Target version changed from 3.0RC2 to 70

- **#5 - 01/29/2016 04:29 AM - Victor Julien**
  - Target version changed from 70 to TBD

- **#6 - 03/25/2019 12:48 PM - Victor Julien**
  - Assignee changed from Eric Leblond to Community Ticket
  - Effort set to high
  - Difficulty set to high