Suricata - Task #3128

nom 5
08/27/2019 08:06 AM - Victor Julien

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Pierre Chifflier</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>6.0.0rc1</td>
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<tr>
<td>Effort:</td>
<td></td>
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<td>Difficulty:</td>
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**Description**

Nom 5 is out. It claims to be a bit more efficient and more developer friendly.

Unknown at this time how much effort it would take to switch.

**Related issues:**

Blocked by Optimization #3308: rust: use cbindgen to generate bindings

**History**

#1 - 08/27/2019 09:48 AM - Victor Julien
- Status changed from New to Assigned
- Assignee set to Pierre Chifflier

#2 - 10/31/2019 03:11 PM - Pierre Chifflier

Small update on this: most of the update has been done, and pushed on https://github.com/chifflier/suricata/tree/dev/nom5-v1

This is a rather intrusive update, only the first part is done here (basic upgrade to nom 5). A second PR will be written later to update parsers to use functions and closures instead of macros, but has been split for readability/review reasons.

Some unit tests (cargo test) broke, and are being fixed.

Sidenote: having unit tests in cargo test is great for spotting these kind of regressions, we must encourage people to write them!

#3 - 11/02/2019 09:43 AM - Victor Julien
- Blocked by Optimization #3308: rust: use cbindgen to generate bindings added

#4 - 11/02/2019 09:45 AM - Victor Julien

Thanks Pierre, please do a pull request for the straight nom 5 conversion after cbindgen support is merged. I agree the nom 5 switch and then the macro removal PR should be different steps.

#5 - 11/02/2019 09:45 AM - Victor Julien
- Target version changed from TBD to 6.0.0rc1

#6 - 02/05/2020 12:41 PM - Pierre Chifflier

Submitted as PR#4523

#7 - 02/25/2020 03:45 PM - Victor Julien
- Status changed from Assigned to In Review

https://github.com/OISF/suricata/pull/4523

#8 - 03/05/2020 09:58 AM - Victor Julien
- Status changed from In Review to Closed

https://github.com/OISF/suricata/pull/4523
https://github.com/OISF/suricata/pull/4626