Suricata - Feature #3444
app-layer: signal stream engine about expected data size

01/21/2020 09:09 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>Victor Julien</td>
</tr>
<tr>
<td>Category</td>
<td></td>
</tr>
<tr>
<td>Target version</td>
<td>6.0.0rc1</td>
</tr>
<tr>
<td>Effort</td>
<td></td>
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<tr>
<td>Difficulty</td>
<td></td>
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Description
Currently the TCP based app-layers assemble the buffer they work on themselves. This leads to unnecessary buffering and code complexity. Instead, the app-layer API should allow the parsers to signal to the stream layer below how much data they need before the record is complete.

Related issues:
- Related to Feature #3531: app-layer: signal stream engine about expected data... New
- Related to Optimization #3538: dns: use app-layer incomplete support In Review
- Related to Optimization #3539: rdp: use app-layer incomplete support New
- Related to Optimization #3540: krb5: use app-layer incomplete support New
- Related to Optimization #3541: applayertemplate: use app-layer incomplete sup... Assigned

History
#1 - 03/11/2020 04:05 PM - Philippe Antoine
And how much data can be released...

#2 - 03/11/2020 06:28 PM - Victor Julien
How do you mean released?

#3 - 03/12/2020 09:37 PM - Victor Julien
- Status changed from Assigned to In Review
- Target version changed from TBD to 6.0.0rc1

https://github.com/OISF/suricata/pull/4672

#4 - 03/18/2020 06:32 AM - Victor Julien
- Status changed from In Review to Resolved

https://github.com/OISF/suricata/pull/4691

#5 - 03/18/2020 06:34 AM - Victor Julien
- Related to Feature #3531: app-layer: signal stream engine about expected data size with next character added

#6 - 03/18/2020 06:34 AM - Victor Julien
- Status changed from Resolved to Closed

#7 - 03/18/2020 07:08 AM - Victor Julien
- Related to Optimization #3538: dns: use app-layer incomplete support added

#8 - 03/18/2020 07:09 AM - Victor Julien
- Related to Optimization #3539: rdp: use app-layer incomplete support added

#9 - 03/18/2020 07:12 AM - Victor Julien
- Related to Optimization #3540: krb5: use app-layer incomplete support added

#10 - 03/18/2020 07:13 AM - Victor Julien

- Related to Optimization #3541: applayertemplate: use app-layer incomplete support added