### Suricata - Optimization #4908

**ftp: use AppLayerResult instead of buffering wherever possible**

12/14/2021 03:58 PM - Shivani Bhardwaj

<table>
<thead>
<tr>
<th>Status:</th>
<th>Assigned</th>
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</thead>
<tbody>
<tr>
<td>Priority:</td>
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</tr>
<tr>
<td>Assignee:</td>
<td>Shivani Bhardwaj</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
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<td>Target version:</td>
<td>7.0rc1</td>
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<td>Effort:</td>
<td></td>
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<td>Difficulty:</td>
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**Label:**

### Description

Use AppLayerResult [https://github.com/OISF/suricata/blob/master/src/app-layer-parser.h#L84-L98](https://github.com/OISF/suricata/blob/master/src/app-layer-parser.h#L84-L98) instead of buffering the data. If the length of the required incomplete data is not known, return 1 from AppLayerResult::incomplete to indicate that at least one more byte is required by the parser if it's available.

### Related issues:

- Related to Optimization #4907: smtp: use AppLayerResult instead of buffering wherever possible  
- Blocks Feature #4906: ftp: add stream app-layer frame support

### History

#### #1 - 12/14/2021 07:12 PM - Victor Julien
- Related to Optimization #4907: smtp: use AppLayerResult instead of buffering wherever possible added

#### #2 - 12/14/2021 07:14 PM - Victor Julien
- Blocks Feature #4906: ftp: add stream app-layer frame support added

#### #3 - 02/13/2022 10:20 AM - Sam Muhammed
- Status changed from Assigned to In Progress

#### #4 - 04/22/2022 12:34 PM - Victor Julien
- Status changed from In Progress to Assigned
- Assignee changed from Sam Muhammed to Shivani Bhardwaj