**Suricata - Bug #1904**

**modbus: duplicate alerts / detection unaware of direction**

10/03/2016 04:23 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>David DIALLO</td>
</tr>
<tr>
<td>Category</td>
<td></td>
</tr>
<tr>
<td>Target version</td>
<td>4.1beta1</td>
</tr>
</tbody>
</table>

**Affected Versions:**

<table>
<thead>
<tr>
<th>Effort</th>
<th>Difficulty</th>
<th>Label</th>
</tr>
</thead>
</table>

**Description**

In the current master a rule like this

```plaintext
alert modbus any any -> any any (msg:"Start electric motor"; modbus: access write holding, address 521, value 2; sid:6; rev:1; )
```

Will match both on the toserver and toclient direction regardless of which direction this command was send in. This is because the detection logic is unaware of direction.

Maybe related to [#1574](#1574).

**History**

**#1 - 02/09/2018 07:04 AM - David DIALLO**
- Status changed from Assigned to Resolved
- % Done changed from 0 to 100

**#2 - 03/23/2018 05:40 AM - David DIALLO**
- Status changed from Resolved to Closed

**#3 - 03/23/2018 05:41 AM - Victor Julien**
- Target version changed from Soon to 4.1beta1

Can you add a link to the PR?

**#4 - 03/23/2018 07:45 AM - David DIALLO**
- [https://github.com/OISF/suricata/pull/3227](https://github.com/OISF/suricata/pull/3227)