Suricata - Feature #2771
MPLS over Vlan support

01/14/2019 02:03 PM - Wesley van der Ree

<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>Wesley van der Ree</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>TBD</td>
</tr>
<tr>
<td>Effort:</td>
<td>low</td>
</tr>
<tr>
<td>Difficulty:</td>
<td>Protocol</td>
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**Description**

I was looking at the code for decode-vlan.c and noticed that it wasn't capable of handling MPLS over vlan. We have seen this type of traffic by one of our customers an wish to monitor this.

**History**

**#1 - 01/30/2020 01:25 PM - Victor Julien**
- Label Protocol added

**#2 - 03/11/2021 12:54 PM - Philippe Antoine**
- Status changed from New to Closed

It works with current version.
I get

```bash
jq '. log/eve.json

{
  "timestamp": "2019-01-14T14:08:24.156358+0100",
  "flow_id": 1633369784345286,
  "event_type": "flow",
  "vlan": [
    42
  ],
  "src_ip": "1.1.1.1",
  "dest_ip": "0.0.0.0",
  "proto": "ICMP",
  "icmp_type": 8,
  "icmp_code": 0,
}
```

A S-V test can be created out of this if needed

**Files**

<table>
<thead>
<tr>
<th>vlan_mpls.pcap</th>
<th>93 Bytes</th>
<th>01/14/2019</th>
<th>Wesley van der Ree</th>
</tr>
</thead>
</table>