### Suricata - Task #3515

**GRE ERSPAN Type 1 Support configuration**

03/05/2020 01:37 PM - Jeff Lucovsky

<table>
<thead>
<tr>
<th>Status:</th>
<th>In Review</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Jeff Lucovsky</td>
</tr>
<tr>
<td>Category:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>6.0.0rc1</td>
</tr>
<tr>
<td>Effort:</td>
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<tr>
<td>Difficulty:</td>
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<tr>
<td>Label:</td>
<td>Protocol</td>
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#### Description

Issue 3481 backports ERSPAN Type I decode support to 5.0.x and makes it configurable:

`decoder.erspan.typeI.enabled`

Because of the potential change to the amount of packets being decoded, the decode support was made configurable with the default value providing no ERSPAN Type I decoding.

Future versions of Suricata, 6.0.x and higher, should check the value of the configuration value.

Some possible courses of action, if the configuration value exists:

1. Log an error message stating ERSPAN Type I decode is no longer configurable and exit.
2. Log a warning message stating that ESPAN Type I decode is no longer configurable and continue.
3. Use the configuration setting to determine if ERSPAN Type I decode should be performed.

#### Related issues:

- Copied from Feature #3481: GRE ERSPAN Type 1 Support
  - Closed

#### History

**#1 - 03/05/2020 01:37 PM - Jeff Lucovsky**

- Copied from Feature #3481: GRE ERSPAN Type 1 Support added

**#2 - 03/06/2020 12:22 PM - Jeff Lucovsky**

There's one recommendation for choice 2.

**#3 - 03/29/2020 06:00 PM - Jeff Lucovsky**

- Status changed from New to Assigned

**#4 - 04/20/2020 03:36 PM - Victor Julien**

Agreed, let's go with suggestion 2.

**#5 - 04/23/2020 02:58 PM - Jeff Lucovsky**

- Status changed from Assigned to In Review

[https://github.com/OISF/suricata/pull/4861](https://github.com/OISF/suricata/pull/4861)

#### Files

- record3.pcap (6.42 KB, 12/18/2019, Golan Sharon)

06/12/2020