## Suricata - Bug #5115

**detect/ip_proto: inconsistent behavior when specifying protocol by string**

02/18/2022 01:52 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>
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<tr>
<td>Target version</td>
<td>5.0.9</td>
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<tr>
<td>Affected Versions</td>
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<tr>
<td>Difficulty</td>
<td></td>
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<td>Effort</td>
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<td>Label</td>
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**Description**

`ip_proto`:TCP will use `getprotobyname`, which may not work depending on the OS. E.g. in a docker Alpine it fails. We should probably just use a built-in table.

**Related issues**

- Copied from Bug #5072: detect/ip_proto: inconsistent behavior when specifying protocol by string

**History**

### #1 - 02/18/2022 01:52 PM - Jeff Lucovsky
- Copied from Bug #5072: detect/ip_proto: inconsistent behavior when specifying protocol by string added

### #2 - 03/03/2022 02:18 PM - Jeff Lucovsky
- Status changed from Assigned to In Progress

Cherry-pick commit(s)

- e77e8dbfe18bb70e42713abe4e90ec724adab5ca
- 5cb996e63c2248a6a04abfe2bde1dc5115bdfac2
- 1e2883602b8d95d96fa9c31e5ebcb68ceaa14a
- ff0cf89738d7b947a3d78d0c6c5dc7adb95e6af
- b52496725771c0a4bc98e1f5e5c246bca77e8da03
- 3bd1d258a98c7e6f6fa45feb111f3297f1a527e7
- 4f2f745bed4856c6441b1b936f6453e87b715bb

### #3 - 03/07/2022 01:36 PM - Jeff Lucovsky
- Status changed from In Progress to In Review

https://github.com/OISF/suricata/pull/7124

03/09/2022