**Suricata - Feature #1872**

**add --list-decoder-protos or similar**

08/26/2016 09:42 AM - Peter Manev

<table>
<thead>
<tr>
<th>Status:</th>
<th>Assigned</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Andreas Herz</td>
</tr>
<tr>
<td>Category:</td>
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<td>Target version:</td>
<td>TBD</td>
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<td>Effort:</td>
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| Description:  | It would be useful to have suricata --list-decoder-protos or similar to list supported decoder protocols like we have:

```
pevma@DONPEDRO:~$ sudo suricata --list-app-layer-protos
=========Supported App Layer Protocols=========
http
ftp
smtp
tls
ssh
imap
msn
smb
dcerpc
dns
```

<table>
<thead>
<tr>
<th>Related issues:</th>
<th>Related to Bug #635: Some keywords missing in list-keyword command</th>
<th>Assigned</th>
</tr>
</thead>
</table>

**History**

1. **09/06/2016 04:03 PM - Andreas Herz**
   - Assignee set to OISF Dev
   - Target version set to TBD

2. **05/31/2019 09:55 PM - Andreas Herz**
   - Related to Bug #635: Some keywords missing in list-keyword command added

3. **06/06/2019 11:42 AM - Victor Julien**
   - Status changed from New to Assigned
   - Assignee changed from OISF Dev to Andreas Herz

4. **06/14/2019 10:02 PM - Andreas Herz**
   - While the app-layer-protocols are also keywords usable in rules not all decode protos are real keywords (vlan, pppoe f or example), so should we still print it the same way?

5. **06/15/2019 07:09 AM - Peter Manev**
   - Maybe have a message per field that is not a keyword? could be messy though.

6. **06/20/2019 08:21 PM - Victor Julien**
   - I think these are different things. We have protocols that suri can decode and protocol names for in rules. I don't mind having 2 options to list each
Just to be sure, you would suggest to split those into two options like `--list-decoder-protos` and `--list-decoder-protos-keywords` (names still to be discussed)?

Yeah. I would think `--list-decoder-protos` and `--list-rule-protos`.

I like that approach.

I can implement that but `--list-decoder-protos` would still have all and `--list-rule-protos` would be a subset excluding those which aren't keywords. But while playing around with #635, I would either add those of the `--list-rule-protos` to the `--list-keywords` list (to match idea 1) or as a section (to match idea 2).

I'm confused with what you're asking/saying, but I think it's best to start with an implementation and then we can discuss the result/output. It's not a big project so it won't be a waste of time if things need to change.