**Suricata - Optimization #3429**

**improve err msg for dataset rules parsing**

12/31/2019 02:01 PM - Peter Manev

<table>
<thead>
<tr>
<th>Status:</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
</tr>
<tr>
<td>Category:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td></td>
</tr>
<tr>
<td>Effort:</td>
<td></td>
</tr>
<tr>
<td>Difficulty:</td>
<td></td>
</tr>
</tbody>
</table>

**Label:**

**Description**

Might be helpful to the end user if the err message is a step more descriptive where the error is. In the example below I forgot to add 

`,type string;

to the "dataset" stanza. Maybe something like - "No dataset type specified" or similar

```
sudo /opt/suritest/bin/suricata -V
This is Suricata version 5.0.2-dev (700eebaec 2019-12-21)
```

```
```

```
[359272] 31/12/2019 -- 14:48:42 - (suricata.c:1083) <Notice> (LogVersion) -- This is Suricata version 5.0.2-dev (700eebaec 2019-12-21) running in SYSTEM mode
[359272] 31/12/2019 -- 14:48:42 - (datasets.c:417) <Notice> (DatasetGet) -- dataset and datarep features are experimental and subject to change
[359272] 31/12/2019 -- 14:48:42 - (datasets.c:455) <Error> (DatasetGet) -- [ERRCODE: SC_ERR_DATASET_T(322)] - dataset base64hostnames.list not defined
```

```
[sudo cat /opt/suritest/var/lib/suricata/rules/http-abuse-hostnames-dataset.rules]
pass http $HOME_NET any -> any any (msg:"StamusN whitelisted HTTP hostname - Abuse URLs "; http.host; dataset:set,base64hostnames.list; bypass; sid:4444; rev:1; )
```

```
sudo /opt/suritest/var/lib/suricata/rules/base64hostnames.list
MTc3LjEyNS4zNy4xNTYK
MTcyLjM2LjE0LjExMAo=
MjIyLjE4Ny4xNjUoMjQ1Cg==
MS4yNDYuMjIzLjEyNwo=
MTgwLjEyNC4yNi44Mwo=
```

```
...
```