Suricata - Bug #1294

Configure doesn't use --with-libpcap-libraries when testing PF_RING library

10/01/2014 10:27 AM - Mats Klepsland

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Mats Klepsland</td>
</tr>
<tr>
<td>Category:</td>
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<tr>
<td>Target version:</td>
<td>2.1beta2</td>
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<td>Affected Versions:</td>
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<td>Difficulty:</td>
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<td>Label:</td>
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Description
Configure doesn't honour --with-libpcap-libraries and --with-libpcap-includes when testing libpfring:

```
$ ./configure --enable-pfring --with-libpfring-includes=/opt/site/pf_ring/include/ --with-libpfring-libraries=/opt/site/pf_ring/lib/ --with-libpcap-includes=/opt/site/libpcap/include/ --with-libpcap-libraries=/opt/site/libpcap/lib/
[..]
checking for pfring_open in -lpfring... no
checking for pfring_stats in -lpfring... no

   ERROR! --enable-pfring was passed but the library was not found or version is >4, go get it from http://www.ntop.org/PF_RING.html
```

libpfring depends on libpcap (at least when BPF filters are enabled).

Because of this, the libpfring checks always fails when libpcap is in a non-default location.

The reason for this seems to be that libpcap is processed later than libpfring in configure.ac. Switching the order of configure.ac, so that libpcap comes before libpfring, seems to fix the issue.

History

#1 - 10/01/2014 10:43 AM - Mats Klepsland
Submitted pull request:

https://github.com/inliniac/suricata/pull/1144

#2 - 10/02/2014 04:28 AM - Victor Julien
- Status changed from New to Closed
- Target version set to 2.1beta2
- % Done changed from 0 to 100

Merged, thanks!