Suricata - Feature #336
Add support for NETMAP to Suricata.
09/26/2011 10:05 AM - Nikolay Denev

Status: Closed
Priority: Normal
Assignee: Aleksey Katargin
Category: 
Target version: 2.1beta4
Effort: 
Difficulty: 
Label: 

Description
Netmap as described here: [[http://info.iet.unipi.it/~luigi/netmap/]] is a FreeBSD (currently experimental) feature allowing high speed access to network interfaces. Suricata can benefit greatly from this. Netmap has a wrapper library that can be used with libpcap clients (which seem not to work with suricata at the moment), but a proper native support for netmap should be better.

History
#1 - 09/26/2011 10:47 AM - Victor Julien
- Status changed from New to Assigned
- Assignee set to Eric Leblond
- Priority changed from Normal to Low

Low priority as long as it's experimental in FreeBSD, but definitely something we want to support.

#2 - 02/18/2012 11:50 AM - Nikolay Denev
NETMAP was currently being imported in the FreeBSD -STABLE branches, and a few days ago a experimental Linux port was announced. The files are at the URL in my previous post. This looks very interesting for IDS and especially for IPS mode with the ability to do true zero-copy forwarding.

#3 - 07/04/2012 03:56 AM - Victor Julien
- Target version set to TBD

#4 - 10/12/2012 02:44 AM - Victor Julien
- Target version changed from TBD to 2.0rc2

#5 - 11/09/2012 10:37 AM - Victor Julien
- Assignee changed from Eric Leblond to Victor Julien

#6 - 01/21/2013 04:13 AM - Victor Julien
- Target version changed from 2.0rc2 to TBD

#7 - 04/17/2013 07:43 AM - Victor Julien
- Assignee changed from Victor Julien to Tom DeCanio

#8 - 11/28/2013 04:21 AM - Victor Julien
- Target version changed from TBD to 2.0beta2
- % Done changed from 0 to 50

#9 - 12/16/2013 08:08 AM - Victor Julien
- Target version changed from 2.0beta2 to 2.0rc1

#10 - 01/31/2014 06:50 AM - Victor Julien
- Target version changed from 2.0rc1 to TBD
I'll merge this once it's ready. As it should be non-intrusive, it can be in a minor release as well.

#11 - 12/01/2014 09:54 AM - Aleksey Katargin
What is the current state of this issue?
Why https://github.com/decanio/suricata-np/tree/dev-netmap-v2.8 was not merged? Is it not finished? Maybe it has problems that can't be solved?

#12 - 01/23/2015 12:04 AM - Chad Smith
I am also interested in the current status of this feature. Thanks for everything you do Victor!

#13 - 01/23/2015 02:41 AM - Victor Julien
There is a new attempt to be found here https://github.com/inliniac/suricata/pull/1261

#14 - 02/05/2015 06:45 AM - Victor Julien
- Assignee changed from Tom DeCanio to Aleksey Katargin
- Priority changed from Low to Normal
- Target version changed from TBD to 2.1beta4

Aleksey has taken over, we're quite close: https://github.com/inliniac/suricata/pull/1318

#15 - 02/05/2015 12:15 PM - Victor Julien
- Status changed from Assigned to Closed
- % Done changed from 50 to 100

https://github.com/inliniac/suricata/pull/1318