

Re: kern/106438: ipfilter: keep state does not seem to allow replies in on spar64 (and maybe others)

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2007-11/msg00236.html>

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- *From:* Remko Lodder <[remko@xxxxxxxxxxxxx](mailto:remko@xxxxxxxxxxxxx)>
  - *Date:* Fri, 30 Nov 2007 19:10:02 GMT
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The following reply was made to PR kern/106438; it has been noted by GNATS.

From: Remko Lodder <[remko@xxxxxxxxxxxxx](mailto:remko@xxxxxxxxxxxxx)>  
To: Manuel Tobias Schiller <[mala@xxxxxxxxxxxxx](mailto:mala@xxxxxxxxxxxxx)>  
Cc: [freebsd-gnats-submit@xxxxxxxxxxxxx](mailto:freebsd-gnats-submit@xxxxxxxxxxxxx)  
Subject: Re: kern/106438: ipfilter: keep state does not seem to allow replies in on spar64 (and maybe others)  
Date: Fri, 30 Nov 2007 20:03:31 +0100

Manuel Tobias Schiller wrote:

Hello,

I've gathered the information you have asked for, see the attachment. I hope it helps us to get an idea of what's going wrong. Any help with this would be appreciated.

Thanks in advance.

Manuel

P.S. I did the `| grep hme3` in the attachment to not clutter the output with irrelevant stuff. All other rules are bound to their respective interface (hme0, hme1, hme2, le0) and should not influence hme3. Besides, there's a lot of traffic going on on le0 which does not need to be mentioned in the ipfstat output because the machine in question is headless and can only be reached with a serial line (with a laptop down in the cellar) or a dedicated network interface (le0, for which I need to have rules that pass everything).

On Thu, Dec 07, 2006 at 10:16:19AM +0100, Remko Lodder wrote:

Hello,

First of all thanks for using FreeBSD!

If you run ipmon, what kind of details do you see in the log? It mentions

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where it is blocked and you  
can review that rule with ipfstat -hion (list everything in out, do not resolve  
and show the amount  
of hits on the rule)

Thanks in advance

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Kind regards,

Remko Lodder \*\* remko@xxxxxxxxxxxxx  
FreeBSD \*\* remko@xxxxxxxxxxxxx

/\* Quis custodiet ipsos custodes \*/

Dear Manuel,

It took a lot of time for me to set this up properly, but I managed to  
work this out; actually this is not a ipfilter problem but it seems  
that hme0 is not capable of doing incoming and outgoing checksumming.

I faced the same problem, and by issueing a ifconfig hme0 -txcsum  
-rxcsuM I resolved the problem.

The ipfilter errors vanished after that. I'll try to have a look at the  
intel gigabit card in the machine (manually added) and see whether that  
has a similiar issue..

Cheers  
remko

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/"\ Best regards, | remko@xxxxxxxxxxxxx  
\ / Remko Lodder | remko@EFnet  
X <http://www.evilmcoder.org/> |  
\ / ASCII Ribbon Campaign | Against HTML Mail and News

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