

Re: [HEADS UP!] IPFW Ideas: possible SoC 2008 candidate

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/hackers/2008-03/msg00359.html>

- *From:* Marcelo Araujo <araujobsdport@xxxxxxxxxx>
 - *Date:* Wed, 26 Mar 2008 09:17:48 -0300
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Vadim Goncharov wrote:

Looked at the patch. Some line are changed e.g. in NAT definitions without any visible changes, strange.

Also, you're adding 7 opcode in the kernel, 2 for match and 5 for setting, while having single "modip" action in userland. In the case of significantly changing compilation rulesm, etc., we may need many new opcodes so we should not waste them. For example, your O_IPTOSPARE is redundant because we already have O_IPPRECEDENCE which compiler could utilize while retainig more ABI compatibility.

I can correct and extend your patch for DSCP/TTL/any bytes (not forgetting credits, of course), if you're too busy...

Of course, I've interest in any external support, because I need to finish my degree project and I'm a bit busy. Any help are welcome and please feel free to re-work the patch. Just like the really the most important thing is the *modip*, I'm happy that you work within this idea. I'd like to see *modip* committed.

I continue to my research and if I've some time to work with ipfw or another mechanism that have some relation with my project degree, I'll make.

Best Regards,

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