

Re: 6.x, 4.x ipfw/dummynet pf/altq – network performance issues

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2007-02/msg00022.html>

- *From:* Justin Robertson <justin@xxxxxxxxxx>
 - *Date:* Thu, 15 Feb 2007 15:06:23 -0800
-

This is definitely worst-case, it's simulating a DDoS attack at the network. What is really surprising is that just 1mbps of traffic is able to kill a 6.x box doing routing. If it were, say, 600mbps that I'd understand as you're pushing over a million PPS. But 1mbps? :-\

Freddie Cash wrote:

On Thursday 15 February 2007 01:29 pm, Justin Robertson wrote:

Send a flood of 60 byte syn packets with the tcp sack option thru it and check out what happens. It's pretty weird and I can't explain why. If you block the packets on the box via ipfw it's fine, the second it has to make a routing decision everything goes out the window, it seems. There's 100% packet loss on all protocols. I'm not using NAT, there are real IPs in different C classes on the other side of the box.

Is that something that would occur normally? Or is this a worst-case/stress-test trying to break things? How are you generating the packets?

I'm not a network guru, and haven't done much in the way of network-related stress-testing, but I'm always looking for ways to do so.

—
Justin

freebsd-performance@xxxxxxxxxxxxx mailing list
<http://lists.freebsd.org/mailman/listinfo/freebsd-performance>
To unsubscribe, send any mail to "freebsd-performance-unsubscribe@xxxxxxxxxxxxx"