

Re: pipe dropping lots of packets

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2006-11/msg00259.html>

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Hello!

Alex Povolotsky wrote:

Hello!

I'm trying to set up FreeBSD-based router, and got troubles with bandwidth limiting. My queues drops lots of packets.

```
[23:38] gw:~ # ipfw pipe 200 config bw 30mbit/s queue 100
```

You should use 30Mbit/s (with capital M).

```
[23:42] gw:~ # ipfw add 600 pipe 200 ip from any to any out via vlan333
00600 pipe 200 ip from any to any out via vlan333
```

seems to be easy. now

```
[23:43] gw:~ # ipfw zero
Accounting cleared.
```

make sure we'll catch packets out of pipe

```
[23:43] gw:~ # sysctl net.inet.ip.fw.one_pass
net.inet.ip.fw.one_pass: 0
```

and, waiting a bit

```
[23:43] gw:~ # ipfw show | grep vlan333
00600 2010 140730 pipe 200 ip from any to any out via vlan333
00700 0 0 allow ip from any to table(1) via vlan333
00710 840 142335 allow ip from table(1) to any via vlan333
```

whoops! No packets left pipe

Re: pipe dropping lots of packets

part of ipfw pipe list

00200: 30.000 bit/s 0 ms 100 sl. 1 queues (1 buckets) droptail

^^^^^^^^^^^^^^

See, 30 bit/s will drop a lot of packets! ;)

Regards,
Tobias.

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