# pfSense - Bug #12081

## Limiters do not work when running pfsense in ESXI

06/26/2021 03:05 AM - Mark Vos

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| **Status:** | Not a Bug | | **Start date:** | 06/26/2021 |
| **Priority:** | Normal | | **Due date:** | |
| **Assignee:** | | | **% Done:** | 0% |
| **Category:** | Traffic Shaper (Limiters) | | **Estimated time:** | 0.00 hour |
| **Target version:** | | | | |
| **Plus Target Version:** | | | **Affected Version:** | All |
| **Release Notes:** | Default | | **Affected Architecture:** | amd64 |

### Description

I have been running pfsense for years, both on metal and in esxi. When running on metal, I use bufferbloat exactly as described by Lawrence in this video: https://www.youtube.com/watch?v=iXqExAALzR8 and it works perfectly. No issues. When running on exactly the same machine but this time in a VM on ESXI, the rule does not work and I also repeatedly get this error message: config_aqm Unable to configure flowset, flowset busy!

I see I am not the only one that this impacts from this thread https://www.reddit.com/r/PFSENSE/comments/9j1h8u/244_codel_limiter_error/ (although some suggest the error message is just SPAM and the rule works - I have found for me not to be the case. The rule does not work - it isn't just SPAM). Real life iperf testing shows that it does not work, as well as getting hit by Australia's NBN Policer as it comes into force and aggressively drops packets resulting in slower upload speeds.

I have tried under ESXI 7 running pfsense in a ESXI VM 6.7 (on ESXI 7) using passthrough NIC's (intel) so not relying on VMware to do the networking. I have also tried not doing passthrough and using the VMware networking (VXNET). I get the same result. Failure.

Back on metal on exactly the same machine, it works fine.

My internet speeds are 1000mbps / 400mbps (down / up accordingly).

## History

**#1 - 06/28/2021 07:39 AM - Jim Pingle**

*- Status changed from New to Not a Bug*

Limiters are not hardware or platform specific. I've recently tested limiters in ESXi, Proxmox, and on bare metal hardware and it worked OK in all with a proper config. If you're getting that error, the configuration isn't ideal. Keep the discussion on the forum.