

pfSense - Bug #8576

pfSense stops passing traffic after some time when using Outbound NAT pool w/ Sticky Address

06/14/2018 12:43 PM - Anonymous

Status:	New	Start date:	06/14/2018
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Rules / NAT	Estimated time:	0.00 hour
Target version:	Future	Affected Architecture:	amd64
Affected Version:	2.4.3_1		

Description

With an outbound NAT mapping configured using pool option "Round Robin with Sticky Address" or "Random with Sticky Address", and approximately 100-200 users averaging ~10Mb/s. After anywhere from an hour to seven days, all interfaces will stop passing traffic.

The customer mentioned that with three to four workstations moving up to 800Mb/s, they issue was not able to be reproduced. Once they enable the Guest network (100-200 users mentioned above), they are able to reproduce the issue.

They mentioned they were using the same configuration on broadcom NICs and that the system would panic in that configuration under the same load. However, on the current hardware, Intel i340-t4 cards, onboard broadcom ethernet disabled, the system does not panic on failure.

If the pool option "Round Robin" or "Random" is selected, there appears to be no issue.

The customer had a failover gateway group configured, although it's not clear if it is relevant to the issue.