

pfSense - Feature #7705

Support dynamic interface address for 1:1 NAT

07/16/2017 10:04 AM - Riccardo Paolo Bestetti

Status:	Feedback	Start date:	07/16/2017
Priority:	Normal	Due date:	
Assignee:	Renato Botelho	% Done:	100%
Category:	Rules / NAT	Estimated time:	0.00 hour
Target version:	2.5.0		

Description

Currently, in the 1:1 NAT UI, the "External subnet IP" field cannot be populated with options such as "WAN address" or "WAN subnet", but only with a fixed IP address.

This works fine for access setups such as RFC 1483 "routed", but doesn't work for more modern setups such as multiple PPPoE tunnels over the same Ethernet layer to get multiple dynamic IP addresses.

Use cases are pretty much anything benefitting from end-to-end communications such as gaming, home-hosted servers, home automation/surveillance systems, etc.

The workaround I'm currently using comprises creating Port Forward, Outbound and Policy Routing rules, which enormously complicates the setup for artificial reasons (i.e. the scripts for these features support interface addresses while 1:1 only supports fixed addresses).

Associated revisions

Revision e5e7d84c - 06/27/2020 01:44 AM - Viktor Gurov

Support dynamic interface address for 1:1 NAT. Implements #7705

History

#1 - 08/13/2019 03:46 PM - Jim Pingle

- Category set to Rules / NAT

#2 - 06/25/2020 09:12 AM - Viktor Gurov

<https://github.com/pfsense/pfsense/pull/4375>

#3 - 06/25/2020 09:55 AM - Jim Pingle

- Status changed from New to Pull Request Review

- Target version set to 2.5.0

#4 - 06/29/2020 07:05 AM - Renato Botelho

- Status changed from Pull Request Review to Feedback

- Assignee set to Renato Botelho

- % Done changed from 0 to 100

PR has been merged. Thanks!