

pfSense - Regression #11751

Input validation prevents creating 1:1 NAT rules on IPsec

03/29/2021 09:41 AM - Steve Wheeler

Status:	Closed	Start date:	03/29/2021
Priority:	Normal	Due date:	
Assignee:	Viktor Gurov	% Done:	0%
Category:	Rules / NAT	Estimated time:	0.00 hour
Target version:	2.5.2	Affected Version:	2.5.0
Plus Target Version:	21.05	Affected	All
Release Notes:	Default	Architecture:	

Description

Additional input validation in the GUI in 21.02/2.5 prevents creating a 1:1 NAT rule on the IPsec interface because it expects an IP family and enc doesnot have one:

The following input errors were detected:

```
The interface do not have address from the specified address family.
```

Should also read "interface does not have address".

This is an edge case because NAT is not expected to work on IPsec. However there are situation where us can work and did in pfSense < 2.5.

Specifically if the P2 in use carries 0.0.0.0/0 it will carry the NAT'd traffic still.

This only applies to 1:1 NAT

Tested in:

```
21.02.2-RC (arm64)
built on Mon Mar 29 03:04:00 EDT 2021
FreeBSD 12.2-STABLE
```

Associated revisions

Revision 6d98e931 - 05/10/2021 08:14 AM - Viktor Gurov

1:1 NAT IPsec/OpenVPN/L2TP/PPPoE and interface groups input validation fix. Issue #11751

Revision 8aa8f78e - 05/20/2021 07:59 AM - Viktor Gurov

1:1 NAT IPsec/OpenVPN/L2TP/PPPoE and interface groups input validation extra 2.6 fix. Issue #11751

History

#1 - 03/30/2021 05:14 AM - Viktor Gurov

- Tracker changed from Bug to Regression

fix also includes OpenVPN and L2TP VPN input validation:

https://gitlab.netgate.com/pfSense/pfSense/-/merge_requests/211

#2 - 03/30/2021 07:38 AM - Jim Pingle

- Status changed from New to Pull Request Review

#3 - 03/30/2021 07:39 AM - Steve Wheeler

Tested here against 21.02 snapshot. Works as expected.

#4 - 03/30/2021 04:58 PM - Alex Lost

This bug quite ruined our environment.
Will be very greatfull for hotfix.

#5 - 04/22/2021 02:44 PM - Fiden Galvez

Hi Victor:
Please could you share again the fix, cause he link looks like it is dead.

Thank you

#6 - 04/23/2021 12:13 AM - Viktor Gurov

- File 211.diff added

Fiden Galvez wrote:

Hi Victor:
Please could you share again the fix, cause he link looks like it is dead.

#7 - 05/11/2021 12:20 PM - Jim Pingle

- Status changed from Pull Request Review to Feedback
- Target version changed from CE-Next to 2.6.0

PR was merged yesterday.

#8 - 05/11/2021 03:43 PM - Jim Pingle

- Plus Target Version set to 21.05

#9 - 05/11/2021 03:58 PM - Jim Pingle

Already in 21.05 branch.

#10 - 05/12/2021 02:52 PM - Jim Pingle

- Subject changed from Input validation prevents 1:1 NAT rules on IPSec to Input validation prevents creating 1:1 NAT rules on IPsec
- Category changed from Web Interface to Rules / NAT

Updating subject for release notes.

#11 - 05/14/2021 08:07 AM - Massimiliano Cianelli

Hi,

I've applied the patch to pfsense 2.5.1 (Using system patch) and 2.5.0 (manually) but I'm still unable to create a 1:1 NAT with aliases.

Regards

#12 - 05/14/2021 10:45 AM - Viktor Gurov

Jim Pingle wrote:

Already in 21.05 branch.

extra 2.6-only fix:

https://gitlab.netgate.com/pfSense/pfSense/-/merge_requests/253

#13 - 05/27/2021 07:56 AM - Jim Pingle

- Target version changed from 2.6.0 to 2.5.2

#14 - 06/02/2021 01:26 PM - Jim Pingle

- Status changed from Feedback to Closed

#15 - 06/16/2021 07:54 AM - Renato Botelho

- Assignee set to Viktor Gurov

Files

211.diff	3.21 KB	04/23/2021	Viktor Gurov
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