pfSense - Bug #10407

L2TP static route not re-added after connection down/up

04/01/2020 05:59 PM - Federico Chiaravalli

Status:	Resolved		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	Viktor Gurov		**% Done:**	100%
Category:	L2TP		**Estimated time:**	0.00 hour
Target version:	2.5.0			
Plus Target Version:			**Affected Version:**	
Release Notes:	Default		**Affected Architecture:**	

Description

How to recreate:
Create L2TP VPN
Create a default gw to the VPN subnet
Create the static route

- route is added to diagnostics -> routes
  Disconnect from VPN
- route is deleted from diagnostics -> routes
  Reconnect to VPN
- route is not re-added
  Disable the static route
  Enable the static route
- route is added to diagnostics -> routes

The static route should be automatically re-added when the L2TP interface is up.
I'm not sure if this is an intended behaviour, I googled it, and I didn't found anything related to this - so I assume that this is a bug.

Associated revisions

Revision 05af3262 - 11/09/2020 07:50 AM - Viktor Gurov

Auto add static routes for PPP interfaces. Fixes #10407

History

#1 - 04/01/2020 06:03 PM - Federico Chiaravalli

Better explanation on Reddit: https://www.reddit.com/r/PFSENSE/comments/dt6181/static_route_problem_with_l2tpipsec_vpn/

#2 - 04/02/2020 07:15 AM - Jim Pingle

- Category set to Interfaces

- Status changed from New to Needs Patch

- Start date deleted (04/01/2020)

The L2TP WAN-type interface design is not designed to be used with VPNs. It may work, but not intentionally. It is designed to be used for ISPs which require it for WAN connectivity.

Though the routing behavior as stated is undesirable, I don't see us putting internal resources toward supporting this use case.

If someone wants to submit a PR to correct the behavior, we can certainly consider it.

#3 - 11/06/2020 05:12 AM - Viktor Gurov

- Affected Version set to 2.5.0

Fix:
https://gitlab.netgate.com/pfSense/pfSense/-/merge_requests/39

#4 - 11/06/2020 10:40 AM - Jim Pingle

- Status changed from Needs Patch to Pull Request Review

- Target version set to 2.5.0

- Affected Version deleted (2.5.0)

#5 - 11/09/2020 07:51 AM - Renato Botelho

- Status changed from Pull Request Review to Feedback

- Assignee set to Viktor Gurov

PR has been merged. Thanks!

#6 - 11/09/2020 08:00 AM - Viktor Gurov

- % Done changed from 0 to 100

Applied in changeset [05af32629d9259817070a72f388a7d4c4835d76d](05af32629d9259817070a72f388a7d4c4835d76d).

#7 - 11/10/2020 02:24 PM - Jim Pingle

- Category changed from Interfaces to L2TP

#8 - 11/18/2020 10:47 PM - Alhusein Zawi

route is not deleted if reconnecting.

Static route will be deleted if L2TP interface is down.

Static route will be added if L2TP interface is up/reconnected.

2.5.0.a.20201118.1850

#9 - 11/18/2020 11:05 PM - Alhusein Zawi

- Status changed from Feedback to Resolved