

## pfSense - Bug #9225

### Gateway group routing not updated on OpenVPN client reconnect

12/26/2018 09:29 AM - Alexey Ab

<b>Status:</b>	New	<b>Start date:</b>	12/26/2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Multi-WAN	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.5.0	<b>Affected Architecture:</b>	amd64
<b>Affected Version:</b>	2.4.4_1		

#### Description

Setup: PFSense 2.3.5 p1, or PFSense 2.4.4-p1

WAN1 - (PPPOE)

WAN2 - VPNV4 - Openvpn client in TUN mode connected via WAN1

Gateway group: Test\_Group (VPNV4 - Tier1, WAN1 - Tier2)

Everything works as expected until WAN1 disconnect.

If I disconnect WAN1, WAN2 goes offline too in a minute or two.

When i reconnect WAN1, gateway group is updated (/tmp/rules.debug) with following:

```
GWWAN1_PPPOE = " route-to ( pppoe0 11.22.33.44 ) "
```

```
GWVPN_VPNV4 = " "
```

```
GWTest_Group = " route-to { ( pppoe0 11.22.33.44 ) } "
```

Then in several second OpenVPN goes online, but /tmp/rulse.debug contains following:

```
GWWAN1_PPPOE = " route-to ( pppoe0 11.22.33.44 ) "
```

```
GWVPN_VPNV4 = " route-to ( ovnc3 10.8.0.5 ) "
```

```
GWTest_Group = " route-to { ( pppoe0 11.22.33.44 ) } " //!!! wrong: should be ovnc3 10.8.0.5 (Tier1)
```

This is the final state, no matter how long you will wait. All gateways in gateway group are green (online), but routing goes through Tier2 gateway.

If i update ANY (even non related to this gateway group) firewall rule, or restart OpenVPN service then routing becomes correct:

```
GWWAN1_PPPOE = " route-to ( pppoe0 11.22.33.44 ) "
```

```
GWVPN_VPNV4 = " route-to ( ovnc3 10.8.0.5 ) "
```

```
GWTest_Group = " route-to ( ovnc3 10.8.0.5 ) "
```

So it seems then something is not updated when openvpn reconnects automatically (without restarting it's service).

(posted to forum, but no response:

<https://forum.netgate.com/topic/136937/pfsense-2-3-5-p1-gateway-group-not-updated-on-openvpn-client-reconnect> )

#### History

**#1 - 03/12/2019 10:55 AM - Jim Pingle**

- Target version changed from 48 to 2.5.0

**#2 - 05/15/2019 12:38 PM - Riccardo Di Sarcina**

I too have this exact problem, on multiple installations...

The problem exists with two PPPoE connections too.

Haven't tried with two static public IPs.

**#3 - 08/21/2019 10:17 AM - Jim Pingle**

- *Category changed from Routing to Multi-WAN*