

pfSense - Bug #11035

PPPoE: can't remove hook

11/05/2020 12:01 PM - Grischa Zengel

Status:	Resolved	Start date:	11/05/2020
Priority:	Normal	Due date:	
Assignee:	Viktor Gurov	% Done:	0%
Category:	PPP Interfaces	Estimated time:	0.00 hour
Target version:	2.5.0	Affected Architecture:	
Affected Version:	2.4.5-p1		

Description

I have seen this with 2 Pfsense.

After changing a single RAW interface (change from none to staticIP on igb4/opt11 or removing staticIP) and apply the settings both PPPoE interface are going down and never up.

The first pfsense I rescued because it has a third none PPPoE wan. The second pfsense is still offline because it has only 2 PPPoE wans.

If I save the pppoe settings (without changing) and apply config the pppoe interfaces went online again.

```
Nov 5 17:22:43 ppp [opt2_link0] can't remove hook mpd23778-0 from node "[28]": No such file or directory
Nov 5 17:22:43 ppp [opt2_link0] PPPoE: can't connect "[28]:"->"mpd23778-0" and "[26]:"->"left": No such file or directory
Nov 5 17:22:43 ppp [opt2_link0] Link: reconnection attempt 187
Nov 5 17:22:41 ppp [opt1] IPV6CP: Close event
Nov 5 17:22:41 ppp [opt1] IPCP: Close event
Nov 5 17:22:41 ppp [opt1] IFACE: Close event
Nov 5 17:22:41 ppp caught fatal signal TERM
Nov 5 17:22:41 ppp [opt1_link0] Link: reconnection attempt 188 in 4 seconds
Nov 5 17:22:41 ppp [opt1_link0] LCP: Down event
Nov 5 17:22:41 ppp [opt1_link0] Link: DOWN event
Nov 5 17:22:41 ppp [opt1_link0] can't remove hook mpd12440-0 from node "[1d]": No such file or directory
Nov 5 17:22:41 ppp [opt1_link0] PPPoE: can't connect "[1d]:"->"mpd12440-0" and "[334]:"->"left": No such file or directory
Nov 5 17:22:41 ppp [opt1_link0] Link: reconnection attempt 187
```

```
<ppps>
  <ppp>
    <ptpid>0</ptpid>
    <type>pppoe</type>
    <if>pppoe0</if>
    <ports>igb4.7</ports>
    <username><![CDATA[xxx]]></username>
    <password><![CDATA[xxx]]></password>
    <provider></provider>
    <bandwidth></bandwidth>
    <mtu></mtu>
    <mru></mru>
    <mrru></mrru>
  </ppp>
  <ppp>
    <ptpid>1</ptpid>
    <type>pppoe</type>
    <if>pppoe1</if>
    <ports>igb5.7</ports>
    <username><![CDATA[xxx]]></username>
    <password><![CDATA[xxx]]></password>
```

```
<descr><![CDATA[VDSL]]></descr>
<provider></provider>
<bandwidth></bandwidth>
<mtu></mtu>
<mru></mru>
<mrru></mrru>
</ppp>
</ppps>
```

```
<vlan>
  <if>igb4</if>
  <tag>7</tag>
  <pcp></pcp>
  <descr><![CDATA[3_VDSL]]></descr>
  <vlanif>igb4.7</vlanif>
</vlan>
<vlan>
  <if>igb5</if>
  <tag>7</tag>
  <pcp></pcp>
  <descr><![CDATA[4_VDSL]]></descr>
  <vlanif>igb5.7</vlanif>
</vlan>
```

```
<opt3>
  <if>igb5</if>
  <descr><![CDATA[4_VDSL_MODEM]]></descr>
  <spoofmac></spoofmac>
  <enable></enable>
  <ipaddr>192.168.16.100</ipaddr>
  <subnet>24</subnet>
</opt3>
<opt11>
  <descr><![CDATA[3_VDSL_Modem]]></descr>
  <if>igb4</if>
  <enable></enable>
  <spoofmac></spoofmac>
  <ipaddr>192.168.1.100</ipaddr>
  <subnet>24</subnet>
</opt11>
```

```
<rule>
  <source>
    <network>any</network>
  </source>
  <sourceport></sourceport>
  <descr><![CDATA[NAT VDSL Modem]]></descr>
  <target></target>
  <targetip></targetip>
  <targetip_subnet></targetip_subnet>
  <interface>opt3</interface>
  <poolopts></poolopts>
  <source_hash_key></source_hash_key>
  <destination>
    <any></any>
  </destination>
</rule>
```

```
<rule>
  <source>
    <network>any</network>
  </source>
  <sourceport></sourceport>
  <descr></descr>
  <target></target>
  <targetip></targetip>
  <targetip_subnet>0</targetip_subnet>
  <interface>opt11</interface>
  <poolopts></poolopts>
  <destination>
    <any></any>
  </destination>
</rule>
```

3_VDSL_MODEM Interface (opt11, igb4)

```
Status
  up
MAC Address
  0c:c4:7a:fe:3c:f0 - Super Micro Computer
IPv4 Address
  192.168.1.100
Subnet mask IPv4
  255.255.255.0
IPv6 Link Local
  fe80::ec4:7aff:fefe:3cf0%igb4
MTU
  1500
Media
  1000baseT <full-duplex>
In/out packets
  0/896 (0 B/67 KiB)
In/out packets (pass)
  0/896 (0 B/67 KiB)
In/out packets (block)
  4926/0 (1.40 MiB/0 B)
In/out errors
  0/0
Collisions
  0
```

4_VDSL_MODEM Interface (opt3, igb5)

```
Status
  up
MAC Address
  0c:c4:7a:fe:3c:f1 - Super Micro Computer
IPv4 Address
  192.168.16.100
Subnet mask IPv4
  255.255.255.0
IPv6 Link Local
  fe80::ec4:7aff:fefe:3cf1%igb5
MTU
  1500
Media
  1000baseT <full-duplex>
In/out packets
  0/0 (0 B/0 B)
```

```
In/out packets (pass)
  0/0 (0 B/0 B)
In/out packets (block)
  4852/0 (1.38 MiB/0 B)
In/out errors
  0/0
Collisions
  0
```

3_VDSL Interface (opt1, pppoe0)

Status

up

PPPoE

up

Uptime

00:32:38

IPv4 Address

80.153.X.X

Subnet mask IPv4

255.255.255.255

Gateway IPv4

62.156.244.24

IPv6 Link Local

fe80::ec4:7aff:fefe:3cec%pppoe0

IPv6 Address

2003:a:77f::XXX

Subnet mask IPv6

64

Gateway IPv6

fe80::200:ff:fe00:0

MTU

1492

In/out packets

1681740435/1683044277 (1.45 TiB/720.01 GiB)

In/out packets (pass)

1681740435/1683044277 (1.45 TiB/720.01 GiB)

In/out packets (block)

4037402/210970 (456.15 MiB/48.21 MiB)

In/out errors

0/0

Collisions

0

4_VDSL Interface (opt2, pppoe1)

Status

up

PPPoE

up

Uptime

00:32:15

IPv4 Address

87.139.X.X

Subnet mask IPv4

255.255.255.255

Gateway IPv4

62.156.244.32

IPv6 Link Local

```
fe80::ec4:7aff:fefe:3cec%pppoe1
IPv6 Address
  2003:a:c7f::XXX
Subnet mask IPv6
  64
Gateway IPv6
  fe80::200:ff:fe00:0
MTU
  1492
In/out packets
  576675829/556392173 (188.53 GiB/190.93 GiB)
In/out packets (pass)
  576675829/556392173 (188.53 GiB/190.93 GiB)
In/out packets (block)
  4140794/1 (423.75 MiB/148 B)
In/out errors
  0/0
Collisions
  0
```

Associated revisions

Revision [be732dba](#) - 11/09/2020 07:52 AM - Viktor Gurov

Set child interfaces MTU fix. Issue #11035

History

#1 - 11/05/2020 02:31 PM - Grischa Zengel

I replayed this bug again:

```
Nov 5 20:27:09 ppp [opt1_link0] Link: reconnection attempt 6 in 2 seconds
Nov 5 20:27:09 ppp [opt1_link0] LCP: Down event
Nov 5 20:27:09 ppp [opt1_link0] Link: DOWN event
Nov 5 20:27:09 ppp [opt1_link0] can't remove hook mpd92160-0 from node "[620]": No such file or d
irectory
Nov 5 20:27:09 ppp [opt1_link0] PPPoE: can't connect "[620]:"->"mpd92160-0" and "[61e]:"->"left":
No such file or directory
Nov 5 20:27:09 ppp [opt1_link0] Link: reconnection attempt 5
Nov 5 20:27:09 ppp [opt2_link0] Link: reconnection attempt 5 in 4 seconds
Nov 5 20:27:09 ppp [opt2_link0] LCP: Down event
Nov 5 20:27:09 ppp [opt2_link0] Link: DOWN event
Nov 5 20:27:09 ppp [opt2_link0] can't remove hook mpd32964-0 from node "[630]": No such file or d
irectory
Nov 5 20:27:09 ppp [opt2_link0] PPPoE: can't connect "[630]:"->"mpd32964-0" and "[62e]:"->"left":
No such file or directory
Nov 5 20:27:09 ppp [opt2_link0] Link: reconnection attempt 4
Nov 5 20:27:08 check_reload_status Reloading filter
Nov 5 20:27:08 php-fpm 21004 /rc.newipsecdns: IPSEC: One or more IPsec tunnel endpoints has change
d its IP. Refreshing.
Nov 5 20:27:07 ppp [opt2_link0] Link: reconnection attempt 4 in 2 seconds
Nov 5 20:27:07 ppp [opt2_link0] LCP: Down event
Nov 5 20:27:07 ppp [opt2_link0] Link: DOWN event
Nov 5 20:27:07 ppp [opt2_link0] can't remove hook mpd32964-0 from node "[630]": No such file or d
irectory
Nov 5 20:27:07 ppp [opt2_link0] PPPoE: can't connect "[630]:"->"mpd32964-0" and "[62e]:"->"left":
No such file or directory
Nov 5 20:27:07 ppp [opt2_link0] Link: reconnection attempt 3
Nov 5 20:27:05 ppp [opt1_link0] Link: reconnection attempt 5 in 4 seconds
Nov 5 20:27:05 ppp [opt1_link0] LCP: Down event
Nov 5 20:27:05 ppp [opt1_link0] Link: DOWN event
Nov 5 20:27:05 ppp [opt1_link0] can't remove hook mpd92160-0 from node "[620]": No such file or d
irectory
Nov 5 20:27:05 ppp [opt1_link0] PPPoE: can't connect "[620]:"->"mpd92160-0" and "[61e]:"->"left":
No such file or directory
Nov 5 20:27:05 ppp [opt1_link0] Link: reconnection attempt 4
Nov 5 20:27:04 ppp [opt1_link0] Link: reconnection attempt 4 in 1 seconds
Nov 5 20:27:04 ppp [opt1_link0] LCP: Down event
Nov 5 20:27:04 ppp [opt1_link0] Link: DOWN event
Nov 5 20:27:04 ppp [opt1_link0] can't remove hook mpd92160-0 from node "[620]": No such file or d
irectory
```

```

Nov 5 20:27:04 ppp [opt1_link0] PPPoE: can't connect "[620]:"->"mpd92160-0" and "[61e]:"->"left":
No such file or directory
Nov 5 20:27:04 ppp [opt1_link0] Link: reconnection attempt 3
Nov 5 20:27:04 ppp [opt2_link0] Link: reconnection attempt 3 in 3 seconds
Nov 5 20:27:04 ppp [opt2_link0] LCP: Down event
Nov 5 20:27:04 ppp [opt2_link0] Link: DOWN event
Nov 5 20:27:04 ppp [opt2_link0] can't remove hook mpd32964-0 from node "[630]:" No such file or d
irectory
Nov 5 20:27:04 ppp [opt2_link0] PPPoE: can't connect "[630]:"->"mpd32964-0" and "[62e]:"->"left":
No such file or directory
Nov 5 20:27:04 ppp [opt2_link0] Link: reconnection attempt 2
Nov 5 20:27:04 php-fpm 1997 /rc.openvpn: OpenVPN: One or more OpenVPN tunnel endpoints may have ch
anged its IP. Reloading endpoints that may use GW_KV_SAFENET.
Nov 5 20:27:04 php-fpm 1997 /rc.openvpn: Gateway, none 'available' for inet6, use the first one co
nfigured. '4_VDSL_DHCP6'
Nov 5 20:27:04 php-fpm 88264 /rc.openvpn: OpenVPN: One or more OpenVPN tunnel endpoints may have c
hanged its IP. Reloading endpoints that may use GW_TI_KONNEKTOR.
Nov 5 20:27:04 php-fpm 88264 /rc.openvpn: Gateway, none 'available' for inet6, use the first one c
onfigured. '4_VDSL_DHCP6'
Nov 5 20:27:03 ppp [opt1_link0] Link: reconnection attempt 3 in 1 seconds
Nov 5 20:27:03 ppp [opt1_link0] LCP: Down event
Nov 5 20:27:03 ppp [opt1_link0] Link: DOWN event
Nov 5 20:27:03 ppp [opt1_link0] can't remove hook mpd92160-0 from node "[620]:" No such file or d
irectory
Nov 5 20:27:03 ppp [opt1_link0] PPPoE: can't connect "[620]:"->"mpd92160-0" and "[61e]:"->"left":
No such file or directory
Nov 5 20:27:03 ppp [opt1_link0] Link: reconnection attempt 2
Nov 5 20:27:03 php-fpm 21314 /rc.filter_configure_sync: Default gateway setting Gateway Inexio 10M
as default.
Nov 5 20:27:03 php-fpm 21314 /rc.filter_configure_sync: Gateway, switch to: GW_Inexio10M
Nov 5 20:27:03 check_reload_status Restarting OpenVPN tunnels/interfaces
Nov 5 20:27:03 check_reload_status Restarting ipsec tunnels
Nov 5 20:27:03 check_reload_status updating dyndns GW_KV_SAFENET
Nov 5 20:27:03 check_reload_status Reloading filter
Nov 5 20:27:03 check_reload_status Restarting OpenVPN tunnels/interfaces
Nov 5 20:27:03 check_reload_status Restarting ipsec tunnels
Nov 5 20:27:03 check_reload_status updating dyndns GW_TI_KONNEKTOR
Nov 5 20:27:03 rc.gateway_alarm 53603 >>> Gateway alarm: GW_KV_SAFENET (Addr:188.144.12.150 Alarm:
1 RTT:0.000ms RTTsd:0.000ms Loss:100%)
Nov 5 20:27:03 rc.gateway_alarm 52945 >>> Gateway alarm: GW_TI_KONNEKTOR (Addr:192.168.213.50 Alar
m:1 RTT:0.000ms RTTsd:0.000ms Loss:100%)
Nov 5 20:27:01 kernel sa6_recoverscope: embedded scope mismatch: fe80:14::200:ff:fe00:0%19. sin6_s
cope_id was overridden
Nov 5 20:27:01 kernel sa6_recoverscope: embedded scope mismatch: fe80:14::200:ff:fe00:0%19. sin6_s
cope_id was overridden
Nov 5 20:27:01 ppp [opt2_link0] Link: reconnection attempt 2 in 3 seconds
Nov 5 20:27:01 ppp [opt2_link0] LCP: Down event
Nov 5 20:27:01 ppp [opt2_link0] Link: DOWN event
Nov 5 20:27:01 ppp [opt2_link0] can't remove hook mpd32964-0 from node "[630]:" No such file or d
irectory
Nov 5 20:27:01 ppp [opt2_link0] PPPoE: can't connect "[630]:"->"mpd32964-0" and "[62e]:"->"left":
No such file or directory
Nov 5 20:27:01 ppp [opt2_link0] Link: reconnection attempt 1
Nov 5 20:27:01 php-fpm 168 /interfaces.php: Creating rrd update script
Nov 5 20:27:01 check_reload_status Reloading filter
Nov 5 20:27:01 php-fpm 168 /interfaces.php: Removing static route for monitor 188.144.12.150 and a
dding a new route through 192.168.254.10
Nov 5 20:27:01 snmpd 81980 disk_OS_get_disks: adding device 'nvd0' to device list
Nov 5 20:27:01 php-fpm 168 /interfaces.php: Removing static route for monitor 77.244.98.5 and addi
ng a new route through 131.117.149.177
Nov 5 20:27:00 ppp [opt1_link0] Link: reconnection attempt 2 in 3 seconds
Nov 5 20:27:00 ppp [opt1_link0] LCP: Down event
Nov 5 20:27:00 ppp [opt1_link0] Link: DOWN event
Nov 5 20:27:00 ppp [opt1_link0] can't remove hook mpd92160-0 from node "[620]:" No such file or d
irectory
Nov 5 20:27:00 ppp [opt1_link0] PPPoE: can't connect "[620]:"->"mpd92160-0" and "[61e]:"->"left":
No such file or directory
Nov 5 20:27:00 ppp [opt1_link0] Link: reconnection attempt 1
Nov 5 20:27:00 php-fpm /rc.resolve_conf_generate: The command '/sbin/route delete -host 1.1.1.1' re
turned exit code '1', the output was 'route: route has not been found delete host 1.1.1.1 fib 0: not in table'
Nov 5 20:27:00 php-fpm /rc.resolve_conf_generate: The command '/sbin/route delete -host 9.9.9.9' re
turned exit code '1', the output was 'route: route has not been found delete host 9.9.9.9 fib 0: not in table'
Nov 5 20:27:00 php-fpm 21314 /rc.resolve_conf_generate: The command '/sbin/route delete -host 1.1.1
.1' returned exit code '1', the output was 'route: route has not been found delete host 1.1.1.1 fib 0: not in
table'

```

```

Nov 5 20:27:00 php-fpm 21314 /rc.resolv_conf_generate: The command '/sbin/route delete -host 9.9.9.9
.9' returned exit code '1', the output was 'route: route has not been found delete host 9.9.9.9 fib 0: not in
table'
Nov 5 20:27:00 php-fpm /rc.dyndns.update: Gateway, switch to:
Nov 5 20:26:59 ppp [opt2_link0] Link: reconnection attempt 1 in 2 seconds
Nov 5 20:26:59 ppp [opt2_link0] LCP: LayerDown
Nov 5 20:26:59 ppp [opt2] IPV6CP: state change Closing --> Initial
Nov 5 20:26:59 ppp [opt2] Bundle: No NCPs left. Closing links...
Nov 5 20:26:59 ppp [opt2] IPV6CP: LayerFinish
Nov 5 20:26:59 ppp [opt2] IPV6CP: Down event
Nov 5 20:26:59 ppp [opt2] IPCP: state change Closing --> Initial
Nov 5 20:26:59 ppp [opt2] IPCP: LayerFinish
Nov 5 20:26:59 ppp [opt2] IPCP: Down event
Nov 5 20:26:59 ppp [opt2] IFACE: Rename interface pppoel to pppoel
Nov 5 20:26:59 ppp [opt2] IFACE: Down event
Nov 5 20:26:59 ppp [opt1_link0] Link: reconnection attempt 1 in 1 seconds
Nov 5 20:26:59 ppp [opt1_link0] LCP: LayerDown
Nov 5 20:26:59 ppp [opt1] IPV6CP: state change Closing --> Initial
Nov 5 20:26:59 ppp [opt1] Bundle: No NCPs left. Closing links...
Nov 5 20:26:59 ppp [opt1] IPV6CP: LayerFinish
Nov 5 20:26:59 ppp [opt1] IPV6CP: Down event
Nov 5 20:26:59 ppp [opt1] IPCP: state change Closing --> Initial
Nov 5 20:26:59 ppp [opt1] IPCP: LayerFinish
Nov 5 20:26:59 ppp [opt1] IPCP: Down event
Nov 5 20:26:59 ppp [opt1] IFACE: Rename interface pppoe0 to pppoe0
Nov 5 20:26:59 ppp [opt1] IFACE: Down event
Nov 5 20:26:59 ppp [opt2] IPV6CP: LayerDown
Nov 5 20:26:59 ppp [opt2] IPV6CP: SendTerminateReq #2
Nov 5 20:26:59 ppp [opt2] IPV6CP: state change Opened --> Closing
Nov 5 20:26:59 ppp [opt2] IPV6CP: Close event
Nov 5 20:26:59 check_reload_status Rewriting resolv.conf
Nov 5 20:26:59 ppp [opt1] IPV6CP: LayerDown
Nov 5 20:26:59 ppp [opt1] IPV6CP: SendTerminateReq #2
Nov 5 20:26:59 ppp [opt1] IPV6CP: state change Opened --> Closing
Nov 5 20:26:59 ppp [opt1] IPV6CP: Close event
Nov 5 20:26:59 check_reload_status Rewriting resolv.conf
Nov 5 20:26:59 kernel vlan3: changing name to 'igb5.7'
Nov 5 20:26:59 ppp [opt2] IPCP: LayerDown
Nov 5 20:26:59 ppp [opt2] IPCP: SendTerminateReq #4
Nov 5 20:26:59 ppp [opt2] IPCP: state change Opened --> Closing
Nov 5 20:26:59 ppp [opt2] IPCP: Close event
Nov 5 20:26:59 ppp [opt2] Bundle: Status update: up 0 links, total bandwidth 9600 bps
Nov 5 20:26:59 ppp [opt2_link0] Link: Leave bundle "opt2"
Nov 5 20:26:59 ppp [opt2_link0] LCP: state change Opened --> Starting
Nov 5 20:26:59 ppp [opt2_link0] LCP: Down event
Nov 5 20:26:59 ppp [opt2_link0] Link: DOWN event
Nov 5 20:26:59 ppp [opt2_link0] can't remove hook mpd32964-0 from node "[630]": No such file or d
irectory
Nov 5 20:26:59 ppp [opt2_link0] PPPoE: connection closed
Nov 5 20:26:59 ppp [opt1] IPCP: LayerDown
Nov 5 20:26:59 ppp [opt1] IPCP: SendTerminateReq #4
Nov 5 20:26:59 ppp [opt1] IPCP: state change Opened --> Closing
Nov 5 20:26:59 ppp [opt1] IPCP: Close event
Nov 5 20:26:59 ppp [opt1] Bundle: Status update: up 0 links, total bandwidth 9600 bps
Nov 5 20:26:59 ppp [opt1_link0] Link: Leave bundle "opt1"
Nov 5 20:26:59 ppp [opt1_link0] LCP: state change Opened --> Starting
Nov 5 20:26:59 ppp [opt1_link0] LCP: Down event
Nov 5 20:26:59 kernel vlan2: changing name to 'igb4.7'
Nov 5 20:26:59 ppp [opt1_link0] Link: DOWN event
Nov 5 20:26:59 ppp [opt1_link0] can't remove hook mpd92160-0 from node "[620]": No such file or d
irectory
Nov 5 20:26:59 ppp [opt1_link0] PPPoE: connection closed
Nov 5 20:26:59 check_reload_status updating dyndns opt14
Nov 5 20:26:57 check_reload_status Restarting ipsec tunnels
Nov 5 20:26:56 kernel vlan1: changing name to 'igb2.3001'
Nov 5 20:26:56 check_reload_status updating dyndns opt13
Nov 5 20:26:54 check_reload_status Restarting ipsec tunnels
Nov 5 20:26:54 kernel vlan0: changing name to 'igb2.3000'
Nov 5 20:26:54 check_reload_status updating dyndns opt11
Nov 5 20:26:52 check_reload_status Restarting ipsec tunnels
Nov 5 20:26:50 check_reload_status Syncing firewall

```

#2 - 11/05/2020 02:32 PM - Grischa Zengel

Is this the problem?

kernel vlan2: changing name to 'igb4.7'

#3 - 11/06/2020 12:31 AM - Viktor Gurov

see also <https://forum.netgate.com/topic/135920/pfsense-2-4-4-fails-all-pppoe-s-after-disabling-one>
and [#9148](#)

#4 - 11/07/2020 02:39 AM - Viktor Gurov

partially fixed in [#9154](#) - on 2.5 I can get this error only when MTU is changed

#5 - 11/07/2020 06:51 AM - Viktor Gurov

Set child interfaces MTU fix:
https://gitlab.netgate.com/pfSense/pfSense/-/merge_requests/41

#6 - 11/07/2020 02:13 PM - Viktor Gurov

- Target version set to 2.5.0

#7 - 11/09/2020 07:15 AM - Jim Pingle

- Status changed from New to Pull Request Review
- Priority changed from Very High to Normal

#8 - 11/09/2020 07:53 AM - Renato Botelho

- Status changed from Pull Request Review to Feedback
- Assignee set to Viktor Gurov

PR has been merged. Thanks!

#9 - 12/02/2020 03:44 AM - Viktor Gurov

- Status changed from Feedback to Resolved

works as expected on 2.5.0.a.20201130.0650 -
now it restarts child PPP* interface when MTU changes