

## pfSense - Bug #4510

### Crash & reboot loop when configure PPPoE server on PPPoE client interface

03/11/2015 04:22 AM - Nestor Mahno

<b>Status:</b>	Resolved	<b>Start date:</b>	03/11/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Renato Botelho	<b>% Done:</b>	100%
<b>Category:</b>	PPPoE Server	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.5.0		
<b>Affected Version:</b>	All	<b>Affected Architecture:</b>	All

**Description**

affected version: 2.2-RELEASE (i386) ; 2.1.5-RELEASE (i386)

prerequisite: WAN interface with PPPoE type configuration

steps to reproduce: Turn on a PPPoE server on WAN interface then "applay" button

checked: more then 10 systems (all with old Intel P4/86 processor)

some log strings:

```
Fatal trap 12: page fault while in kernel mode
cpuid = 1; apic id = 01
fault virtual address = 0x4
fault code = supervisor write, page not present
instruction pointer = 0x20:0xc0e2a04e
stack pointer = 0x28:0xecf3798c
frame pointer = 0x28:0xecf379c0
code segment = base 0x0, limit 0xffff, type 0x1b = DPL 0, pres 1, def32 1, gran 1
processor eflags = interrupt enabled, resume, IOPL = 0
current process = 6748 (php-fpm)
```

#### Associated revisions

##### Revision 4f911030 - 09/23/2020 01:41 AM - Viktor Gurov

PPPoE Server interface input validation. Issue #4510

#### History

##### #1 - 03/11/2015 03:21 PM - Chris Buechler

- Subject changed from *Crash & reboot loop when configure pppoe server on WAN interface* to *Crash & reboot loop when configure PPPoE server on PPPoE client interface*
- Status changed from *New* to *Confirmed*
- Assignee deleted (*Nestor Mahno*)
- Affected Version changed from *2.2* to *All*
- Affected Architecture *All* added
- Affected Architecture *deleted (i386)*

It's not valid to configure a PPPoE server on an interface that's a PPPoE client. We'll need to add input validation to prevent such a configuration.

##### #2 - 09/23/2020 01:44 AM - Viktor Gurov

<https://github.com/pfsense/pfsense/pull/4455>

##### #3 - 09/23/2020 08:55 AM - Jim Pingle

- Status changed from *Confirmed* to *Pull Request Review*

- Target version set to 2.5.0

**#4 - 09/23/2020 09:36 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!

**#5 - 11/01/2020 04:13 PM - Max Leighton**

- Status changed from Feedback to Resolved

Tested in

2.5.0-DEVELOPMENT (amd64)  
built on Sun Nov 01 13:02:32 EST 2020  
FreeBSD 12.2-STABLE

Fix works as expected. Pseudo interfaces do not appear in the dropdown for creating PPPoE server any longer.

Marking the ticket resolved.