# pfSense - Bug #4389

## gif0 tunnel for ipv6 using a carp-ip to the outside world stops working upon reboots and some config changes

02/07/2015 06:07 PM - Pi Ba

| Status: | Resolved | | Start date: | 02/07/2015 |
|---|---|---|---|---|
| Priority: | Normal | | Due date: | |
| Assignee: | | | % Done: | 100% |
| Category: | Interfaces | | Estimated time: | 0.00 hour |
| Target version: | 2.2.1 | | | |
| Plus Target Version: | | | Affected Version: | All |
| Release Notes: | Default | | Affected Architecture: | All |

### Description

gif0 tunnel for ipv6 using a carp-ip to the outside world stops working upon reboots and some config changes

I found that the whole gif0 interface nolonger exists, saving the OPT1 config again re-creates the gif interface.
After that to get traffic going i also have to edit and save the vip again.

### Associated revisions

#### Revision 2de650f6 - 02/11/2015 01:26 PM - Ermal Luçi

Fixes #4389 The VIP interfaces cannot be assigned since they are just an identification of the VIP for tracking. Consider that when configuring gif/gre. Also on bridges you cannot set a vip interface as its member.

#### Revision b65de558 - 02/11/2015 01:29 PM - Ermal Luçi

Fixes #4389 The VIP interfaces cannot be assigned since they are just an identification of the VIP for tracking. Consider that when configuring gif/gre. Also on bridges you cannot set a vip interface as its member.

### History

#### #1 - 02/10/2015 02:21 PM - Ermal Luçi

Can you provide your config.xml to have a way to reproduce this normally it should work as expected!

#### #2 - 02/10/2015 05:17 PM - Pi Ba

*- File config-pfSense.localdomain-20150210230543 broken gif0 on carp interface no gif0 on reboot.xml added*

Ok, reverted a test vm to factory defaults, then configured a simplified setup again it shows the same problem.

Saving OPT1 interface from the webgui after booting makes it work.. (i can 'ping6 google.com' from pfSense console)

Its a tunnel using HE.net tunnelbroker.. (ive changed the ipv6 ip's 'aaaa:bbbb'..) Also the config was created on a virtualbox VM running on Windows7, and behind another modem that hands out dhcp leases in the 192.168.0.0/24 range.. All of that i don't think is relevant though.. The gif0 interface should be created under any circumstance.

#### #3 - 02/11/2015 01:28 PM - Ermal Luçi

*- Status changed from New to Feedback*

Ok should be fixed by the commit i pushed.

Can you please confirm as well?

This seems to be a bug since 2.1++

**#4 - 02/11/2015 01:30 PM - Ermal Luçi**

*- % Done changed from 0 to 100*

Applied in changeset [2de650f6117f4b80c3db4f9b46ad83d75d5b9130](#).

**#5 - 02/11/2015 01:30 PM - Ermal Luçi**

Applied in changeset [b65de5585bb7bffe06750c712b399cd4da10052c](#).

**#6 - 02/11/2015 02:35 PM - Pi Ba**

Copied interfaces.inc and system.inc to my 2.2 box and seems to work alright now..

Without daily snapshots online, what is the proper way to test changes from master git branch?

**#7 - 02/18/2015 07:19 PM - Chris Buechler**

*- Affected Version changed from 2.2 to All*

best to gitsync to get to 2.2.1 right now. Option 12 at console, run "playback gitsync RELENG_2_2"

**#8 - 03/06/2015 01:34 AM - Chris Buechler**

*- Category changed from CARP to Interfaces*

*- Status changed from Feedback to Resolved*

fixed

## Files

| | | | |
|---|---|---|---|
| config-pfSense.localdomain-20150210230543 broken gif0 on carp interface.xml | 14 KB | gif0 on 02/10/2015 | Pi Ba |