

## pfSense - Bug #4623

### Carp not working under bhyve

04/15/2015 12:18 PM - Matthias Breddin

<b>Status:</b>	Resolved	<b>Start date:</b>	04/15/2015
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	CARP	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.3		
<b>Affected Version:</b>	All	<b>Affected Architecture:</b>	amd64

#### Description

It seems the carp implementation differs from the freebsd standard one, which cannot be used under bhyve.

On a fresh freebsd 10.1 bhyve install i could make carp work:

```
$ uname -a
```

```
FreeBSD darkthrone 10.1-RELEASE-p9 FreeBSD 10.1-RELEASE-p9 #0: Tue Apr 7 01:09:46 UTC 2015
```

```
root@amd64-builder.daemonology.net:/usr/obj/usr/src/sys/GENERIC amd64
```

```
$/sbin/ifconfig vtnet0 vhid 1 advskew 100 pass test 192.168.1.210/24 state master alias  
ifconfig: SIOCSVH: Invalid argument
```

```
$kldload carp
```

```
$/sbin/ifconfig vtnet0 vhid 1 advskew 100 pass test 192.168.1.210/24 state master alias
```

```
$ ifconfig
```

```
...
```

```
media: Ethernet 10Gbase-T <full-duplex>
```

```
status: active
```

```
carp: BACKUP vhid 1 advbase 1 advskew 100
```

In pfsense the carp module is in the kernel, but i'll get the first error as on a fresh native fbsd install without / before loading the carp module

```
pfsense $/sbin/ifconfig vtnet0 vhid 1 advskew 100 pass test 192.168.1.210/24 state master alias  
ifconfig: SIOCSVH: Invalid argument
```

I tested from early 2.2 RC versions till latest devel version.

I also tested OPNSense la 15.1.9, which had the pfsync / inconsistent changes to carp reversed. Worked there also.

So some custom stuff keeps me away from using pfSense under bhyve with carp (currently running single node only)

#### History

##### #1 - 05/15/2015 12:31 PM - Ermal Luçi

Did you try from the GUI since carp should not differ from FreeBSD at least in this regard!

##### #2 - 05/22/2015 02:16 PM - Matthias Breddin

Ermal Luçi wrote:

Did you try from the GUI since carp should not differ from FreeBSD at least in this regard!

Yes, that's when i checked for details...

cheers,

Matthias

**#3 - 11/17/2015 08:34 PM - Matthias Breddin**

Just checked with 2.3-alpha, it works there. I don't really know if it's because of fbsd 10.2 or some reversed custom patches?

**#4 - 11/18/2015 12:15 AM - Chris Buechler**

- *Status changed from New to Resolved*

- *Target version set to 2.3*

Thanks for the feedback. Probably going to 10-STABLE fixes (or removal of patches in the process, though those removed largely got upstreamed).

**#5 - 11/18/2015 08:51 AM - Matthias Breddin**

So any idea it'll get backported to 2.2.x "soon". Or will 2.3 be released before any new 2.2.x version?

**#6 - 11/18/2015 03:02 PM - Chris Buechler**

Matthias Breddin wrote:

So any idea it'll get backported to 2.2.x "soon". Or will 2.3 be released before any new 2.2.x version?

It won't be backported, not likely there will be another 2.2.x.