pfSense - Bug #5484

diag_routes.php not displaying the full interface name

11/19/2015 02:25 AM - Alexandre Paradis

Status:	Resolved	**Start date:**	11/19/2015
Priority:	Low	**Due date:**	
Assignee:	Renato Botelho	**% Done:**	100%
Category:	Operating System	**Estimated time:**	0.00 hour
Target version:	2.3		
Affected Version:	All	**Release Notes:**	Default
Affected Architecture:			

Description

Under ipv4, netif

I have igb1_vlan3, but the real interface is igb1_vlan36.

the 6 is missing.

```
Destination   Gateway      Flags   Use        Mtu    Netif      Expire
default       10.11.16.241  UGS    230002453  1458   pppoe2
10.0.0.0/8    10.241.48.1   UGS    164474     1500   igb1_vlan3
```

Associated revisions

Revision d52a7eb8 - 11/26/2015 12:51 PM - Renato Botelho

Add -W to netstat call to make sure long interface name will be not truncated. Ticket #5484

History

#1 - 11/19/2015 03:15 AM - Phillip Davis

This a "wonderful" feature of the netstat utility. The underlying code does this command to gather the data:
/usr/bin/netstat -rW -f inet

The "W" is supposed to make the display wide (and thus not cut off the characters in any fields). But it still limits the text length of the Netif field!
https://lists.freebsd.org/pipermail/freebsd-bugs/2014-April/055732.html
https://www.mail-archive.com/freebsd-bugs@freebsd.org/msg07205.html

That is rubbish. Can someone fix that on FreeBSD? Or add a "WW" option that does "really do not truncate any output fields".

#2 - 11/19/2015 07:25 AM - Jim Pingle

This was fixed recently in FreeBSD HEAD,

https://svnweb.freebsd.org/base?view=revision&revision=290367

Not sure if that had an MFC (searching doesn't turn one up)

#3 - 11/19/2015 09:21 AM - Phillip Davis

Seems a good thing to get MFC'd back to 10-STABLE - it makes the output do what most people are hoping it would do anyway. Admittedly it could

break someones (dumb) script that expects the -W output to have fixed-width (but wider than ordinary) columns. But the doc of -W implies that the output could be any width. Nobody should be depending on fixed-width columns when using -W

Anyway, I guess ESF knows how to start the MFC process. It seems an easy little bit of crud to fix.

#4 - 11/19/2015 09:01 PM - Jim Thompson

I've sent email to ume@ asking for a MFC.

#5 - 11/19/2015 09:16 PM - Chris Buechler

- Subject changed from https://192.168.1.1/diag_routes.php not displaying the full interface name to diag_routes.php not displaying the full interface name

- Status changed from New to Confirmed

- Affected Version changed from 2.2.5 to All

#6 - 11/20/2015 07:59 AM - Renato Botelho

- Category changed from Web Interface to Operating System

- Status changed from Confirmed to Feedback

- Assignee set to Renato Botelho

- Target version set to 2.3

- % Done changed from 0 to 100

ume@ said he is going to MFC changes, and he also sent us the stable/10 patch. It was applied at

https://github.com/pfsense/FreeBSD-src/commit/99ddd03d08b1fd5ae8f8ba04cac699afbe3ffb24

#7 - 11/25/2015 07:38 PM - Chris Buechler

this actually working for anyone? Building world on a stock 11-CURRENT now to check it. VLANs on lagg for instance still come up cut off to 10 characters in 'netstat -rW -f inet'. lagg0_vlanXX ends up as 'lagg0_vlan'.

#8 - 11/25/2015 09:14 PM - Phillip Davis

That patch fixes the interface name field output for:
/usr/bin/netstat -i -f inet

Name	Mtu Network	Address	Ipkts	Ierrs	Idrop	Opkts	Oerrs	Coll
re0	- 10.49.68.0/22	10.49.68.250	0	-	-	0	-	-
re1	- 10.49.208.0/2	10.49.209.3	119101	-	-	3176	-	-
...								
re0_vlan901	- 172.16.0.0	172.16.0.1	0	-	-	0	-	-

But not for:
/usr/bin/netstat -rW -f inet
Routing tables

Internet:

Destination	Gateway	Flags	Use	Mtu	Netif	Expire
...						
172.16.0.0	link#13	U	0	1500	re0_vlan90	
172.16.0.1	link#13	UHS	0	16384	lo0	

There needs to be something similar for the Netif column in different code.

#9 - 11/26/2015 08:35 AM - Renato Botelho

- Status changed from Feedback to New

This was fixed on FreeBSD HEAD on Nov 20, after following commit:

https://svnweb.freebsd.org/base?view=revision&revision=291097

This is marked to be MFC'd to stable/10 in 1 week. After it's MFC'd I'll merge stable/10 to our devel branch and this ticket will be fixed. Moving it to new for now

#10 - 11/27/2015 03:14 AM - Renato Botelho

- Status changed from New to Feedback

Merged in r291381, and merged back to pfSense/FreeBSD-src repo.

Next round of snapshots should be fixed.

#11 - 12/01/2015 07:40 PM - Chris Buechler

- Status changed from Feedback to Resolved

fixed