pfSense - Bug #9072

RRD graph mouseover information shows up as Mb when unit size is set to MB

10/26/2018 10:42 AM - Luka Rojnica

Status:	Resolved	**Start date:**	10/26/2018
Priority:	Very Low	**Due date:**	
Assignee:	Jared Dillard	**% Done:**	100%
Category:	Dashboard	**Estimated time:**	0.00 hour
Target version:	2.5.0		
Affected Version:	2.4.4	**Release Notes:**	Default
Affected Architecture:			

Description
The dashboard traffic graph widget shows mouse over information in Mb when the unit size is set to MB

Associated revisions

Revision e5b43cf8 - 01/28/2019 12:18 PM - Jared Dillard

type cast traffic graph inputs to fix #9072

History

#1 - 01/24/2019 12:45 PM - JohnPoz _

Discussion about it here and validation
https://forum.netgate.com/topic/139922/solved-dashboard-traffic-not-consistent-with-status-traffic-graph

#2 - 01/24/2019 02:17 PM - Joshua Sign

i can confirm
the problem comes when you change from bytes to bits and then bits to bytes.

one temporary workaround :
change /usr/local/www/widgets/widgets/traffic_graphs.widget.php on line 280 :

```
    window.size = <?=json_encode($tg_size)?>;
```

by

```
    window.size = <?=json_encode($tg_size)?>*1;
```

This is because https://github.com/pfsense/pfsense/blob/master/src/usr/local/www/js/traffic-graphs.js#L203 strict check an integer.
And the values comning from post are strings.
Should be casted at first stage, but need more changes to be clean.

#3 - 01/25/2019 12:35 AM - Jim Thompson

- Assignee set to Jared Dillard

#4 - 01/28/2019 12:24 PM - Jared Dillard

It looks like it was introduced in this commit (not that the code before it was perfect):
https://github.com/pfsense/pfsense/commit/52229047e723241046a2641efc477a8b48b24dc8

I fixed it in this commit: https://github.com/pfsense/pfsense/commit/e5b43cf8b86586486d951ab1da35b6c45ad6edf6

You can test by toggling the **Unit Size** from **Bits** to **Bytes** and back again, or you can open the console and enter:

```
console.log(window.size);
```

and you will see it shows up in a blue color, versus the previous black color. You can also do the same for the following:

- window.graph_backgroundupdate
- window.interval
- window.size
- window.smoothing

#5 - 01/28/2019 12:24 PM - Jared Dillard

- Status changed from New to Feedback

#6 - 01/28/2019 12:25 PM - Jared Dillard

- % Done changed from 0 to 100

Applied in changeset e5b43cf8b86586486d951ab1da35b6c45ad6edf6.

#7 - 01/28/2019 12:34 PM - Joshua Sign

It Works! ;)

tested on :
2.4.4-RELEASE-p2 (amd64)
built on Wed Dec 12 07:40:18 EST 2018
FreeBSD 11.2-RELEASE-p6

#8 - 01/28/2019 03:09 PM - Jared Dillard

- Status changed from Feedback to Resolved

#9 - 01/28/2019 03:10 PM - Jared Dillard

Thanks for digging into the problem and for testing the fix!

#10 - 08/18/2019 03:46 PM - Axel Taferner

Jared Dillard wrote:

> Thanks for digging into the problem and for testing the fix!

I'm running 2.4.4-RELEASE-p3 (amd64) and just noticed this same issue is still happening on my install. Do I need to do anything to fix it?

#11 - 10/30/2020 09:22 AM - Jim Pingle

- Target version set to 2.5.0

#12 - 11/05/2020 10:48 AM - Jared Dillard

I can't reproduce, did you toggle the **Unit Size** from **Bits** to **Bytes** and back again (hitting **Save** each time) on the Traffic Graphs widget and the units not match up?

Files

capture_001_26102018_173939.jpg	29 KB	10/26/2018	Luka Rojnica