

pfSense - Bug #6166

requests to diag_system_activity.php can pile up on slow systems

04/15/2016 01:45 AM - Chris Buechler

Status:	Resolved	Start date:	04/15/2016
Priority:	Normal	Due date:	
Assignee:	Chris Buechler	% Done:	100%
Category:	Web Interface	Estimated time:	0.00 hour
Target version:	2.3.1		
Affected Version:	2.3	Affected Architecture:	

Description

from mailing list:

<https://lists.pfsense.org/pipermail/list/2016-April/009646.html>

Just upgraded my embedded pfsense to 2.3.

I have problems getting to the box (web or ssh) it just time outs.

On the web I sometime I get Nginx 504, sometime, just nothing.

Eventually I got logged in, try to check what's going on.

I have open Diagnostics->System Activity page, and start monitoring the network traffic.

There is Java Script that updates the page content every 2.5, but actual response in my case was more than 15 sec.

So I ended up with +20 pending requests to /diag_system_activity.php.

I don't think that setInterval is a good option here. Especially when you don't know how long it will take for the request to complete.

My suggestion is to use setTimeout like this:

```
<script type="text/javascript">
//
function getcpuactivity() {
    $.ajax(
        '/diag_system_activity.php',
        {
            method: 'post',
            data: {
                getactivity: 'yes'
            },
            dataType: "html",
            success: function (data) {
                $('#xhrOutput').html(data);
+                setTimeout('getcpuactivity()', 2500);
            },
        }
    );
}

events.push(function() {
-    setInterval('getcpuactivity()', 2500);
+    setTimeout('getcpuactivity()', 2500);
    getcpuactivity();
});
//]]&gt;
&lt;/script&gt;</pre></div><div data-bbox="68 965 141 978" data-label="Page-Footer"><p>10/19/2020</p></div><div data-bbox="862 965 893 978" data-label="Page-Footer"><p>1/2</p></div>
```

2.2.x and prior used setTimeout there so that seems reasonable but would like sbeaver to confirm.

Associated revisions

Revision eba36eb - 04/15/2016 06:41 AM - Steve Beaver

Fixed #6166

Revision 79e348e4 - 04/15/2016 06:43 AM - Steve Beaver

Fixed #6166

(cherry picked from commit eba36ebe5b6f409887d2352db44aba45bf7e086)

History

#1 - 04/15/2016 06:01 AM - Steve Beaver

There are a number of problems here. setTimeout is the appropriate function but the call is not quite formatted correctly.

It really needs a mutex to prevent AJAX calls being stacked up.

I will fix these items in a few minutes.

#2 - 04/15/2016 06:46 AM - Steve Beaver

- Status changed from *Confirmed* to *Feedback*

- Assignee changed from *Steve Beaver* to *Chris Buechler*

AJAX function re-formatted to pfSense style

Added mutex to ensure only one AJAX call is made at a time

#3 - 04/15/2016 06:50 AM - Steve Beaver

- % Done changed from *0* to *100*

Applied in changeset [eba36ebe5b6f409887d2352db44aba45bf7e086](#).

#4 - 05/06/2016 01:38 AM - Chris Buechler

- Status changed from *Feedback* to *Resolved*

fixed