Network Tools - Feature #1696

Dashboard: speedtest

01/20/2017 12:06 AM - Luke Murphey

Status:	Closed		**Start date:**	01/19/2017
Priority:	Normal		**Due date:**	
Assignee:	Luke Murphey		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:	0.5			

Description

- Inputs:
    - host
    - runs
- Panels:
    - Recent ping
    - Recent download rate
    - Recent upload rate
    - Historical ping
        - RTT history
        - Average/Min/Max
        - Jitter
        - Line quality
    - Historical upload
    - Historical download

Associated revisions

Revision 22 - 01/24/2017 08:50 AM - lmurphey

Finalizing the initial version of the speedtest dashboard

Reference #1696

History

#1 - 01/20/2017 12:12 AM - Luke Murphey

- Description updated

#2 - 01/20/2017 08:48 AM - Luke Murphey

- % Done changed from 0 to 30

#3 - 01/20/2017 08:48 AM - Luke Murphey

- Target version set to 0.5

#4 - 01/20/2017 10:58 PM - Luke Murphey

Problems with the current design:

- Its isn't obvious that the search running is actually the ping executing
- The submit button sometimes runs the speedtest when the users didn't press submit
- The historical charts don't update when the speedtest completes
- It would be nice if the three stages (ping, upload, download performance) could happen serially so that the user gets input faster

#5 - 01/21/2017 05:41 AM - Luke Murphey

Might just want to have a modal for kicking the speedtest off. This widget could show that the speedtest is running.

#6 - 01/24/2017 06:08 AM - Luke Murphey

I have this working but with some caveats:

1. The base search is not working on the results page
2. I cannot get the parameters from the execute page to work with the search command because I cannot figure out a way to swap the search effectively between the one that gets the most recent result and the one that gets the results from the speedtest search command

#7 - 01/24/2017 06:23 AM - Luke Murphey

Here is some information on the token model:

http://dev.splunk.com/view/webframework-developapps/SP-CAAAEQB

#8 - 01/24/2017 06:40 AM - Luke Murphey

I wonder if it would be better just to have a search parameter runs and server tokens in the search string. Then, I could just listen for the search call and clear the runs and server parameters if the executed parameter indicates that the search has never run.

#9 - 01/24/2017 06:42 AM - Luke Murphey

I also want to kick the searches on the results page to reload.

#10 - 01/24/2017 09:01 AM - Luke Murphey

sourcetype="speedtest" | delta ping as jitter p=1 | eval jitter=abs(jitter) | stats max(ping) as max min(ping) as min avg(ping) as avg avg(jitter) as jitter | transpose

#11 - 01/24/2017 11:19 PM - Luke Murphey

https://docs.splunk.com/Documentation/Splunk/6.5.1/ModuleRef/Splunk.util#replaceTokens.28.29

Might find an option in TokenUtils.replaceTokens() that could work.

#12 - 01/24/2017 11:41 PM - Luke Murphey

TokenUtils.replaceTokens() doesn't handle all of the token processing like I was hoping. It doesn't resolve the prefix and suffixes like I was hoping.

#13 - 01/25/2017 12:16 AM - Luke Murphey

Trying another technique.

In this case, I put all of the tokens in the search. Then, I have the JS set the tokens in order to get the search to run the initial time.

The only problem with this is that the search gets auto-submitted when the inputs change. I only want the search to run when the button is pressed. I tried setting searchWhenChanged="false" but the tokens still get set which causes the search to execute. Clearing the tokens also doesn't stop the search from executing.

#14 - 01/28/2017 07:27 AM - Luke Murphey

- % Done changed from 30 to 80

#15 - 02/02/2017 05:43 AM - Luke Murphey

- Status changed from New to Closed

- % Done changed from 80 to 100