

StorPerf 2017-09-07 Meeting Notes

Date

07 Sep 2017

Attendees

- [Mark Beierl](#)
- [Saksham Agrawal](#)
- [Shrenik Jain](#)
- [Taseer Ahmed](#)

Discussion items

- Wrap up of intern projects:
- Reporting module:
 - Ready to start review of reporting page
 - Documentation from [Intern Project: StorPerf Steady State Report - 2016-06-16 Demo](#) will be converted to .rst
 - .rst patches end up getting posted a final markup by Jenkins in the review
 - Stretch goal of having a single plot that shows all latencies in a single graph: 6 graphs: read IOPS, read BW, read latency, write IOPS, write BW, write latency. Graphs show up in the area to the right of the ID, Start Date, etc.



StorPerf Test Result Graphing Page

ID : 6cc1c6c5-f660-4ab0-bf91-9ae0324846c2
Start Date : 2017-09-01 18:04:01
Criteria : FAIL
Build Tag : Unknown

`_warm_up.queue-depth.8.block-size.16384`

`rw.queue-depth.1.block-size.2048`

- Mark Beierl to fix up local-data.json so it has the new start_date, etc tags and commit.
 - Saksham Agrawal to update navigation to show "intermediate" page even if there is only one result.
 - Decomposition update:
 - Minor errors:
 - httpfrontend routes all graphite, so 8000 is no longer exposed
 - Mark Beierl to create JIRA for decomposition updates
 - [Mark Beierl](#) look at carbon_emitter - might still have localhost in it
 - create_compose.py does not have env_file: ./admin.rc in it. Might need some other updates
 - update docs to say that python 2 needs internals (future package) or requires python 3
 - [Mark Beierl](#) had to put back ARCH=x86-64 in all docker files so that the docker push jobs can pass. The global releng /jib/releng/opnfv-docker.sh does not pass this ARG, and doing so will require all projects to add that VAR, so defer to after Euphrates
 - Mark Beierl to look at using docker hub published images in daily.sh instead of local docker-compose to avoid the AUFS kernel issue
 - Mark Beierl to check with Sofia Wallin about how to build .rst locally.
 - Development documentation:
 - Conversion of [Development Environment](#) to .rst and cleanup of it where it makes sense
 - Carbon sizing guidelines:
 - for each IP / VM what is the minimum size of the carbon files on disk?
 - When do they get bigger (ie. how many samples before it grows beyond its initial size)?
 - 15 Sep 2017 is stable branch creation date, after that master is open for the F release.
- Mark Beierl to create page for F release planning

- Ideas: Swift profiling? HTTP PUT/GET looking for variance during the whole transaction
- Multi stack support? storperf_master uses job db (sqlite) for storing values. Is this even necessary?
- Support bottlenecks intern project: [Intern Project: Scaling up/out VNFs with Storage Testing](#)