

Weekly Report for Week Ending 03/22/2013

IBM - OpenStack

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Status Summary

This week we concentrated our efforts on fine tuning our project's scope. We were able to meet with Michael and discussed the scope of our project at the beginning of the week. We were able meet with Dr. Denton and Dr. Ludwig to discuss their current Hadoop setup and how we may run Hadoop on OpenStack. From this meeting, we were able to discuss the meeting's results in a 2nd meeting with IBM.

Top Highlights

- Met with Dr. Denton & Dr. Ludwig to discuss the Hadoop setup
- Talked with Michael to narrow the project's scope
- Met with IBM twice

Top Lowlights

- We may have to revert to Devstack for OpenStack installation for the development instance(s)

Accomplishments vs. Plan

- Accomplishment
 - College of Engineering Design Document
 - Owner: John
 - Status: Completed
- Accomplishment
 - Hadoop Design Diagram
 - Owner: Justin
 - Status: Completed
- Plan
 - Build Hadoop-ready images
 - Owner: Jack
 - Status: In progress
- Plan
 - Document Hadoop deployment from the perspective of an administrator and end user
 - Owner: Jack
 - Status: In progress
- Plan
 - Get a working development instance running using our development hardware.
 - Owner: John
 - Status: Cesar is going to reinstall Ubuntu on the machines on Friday (3/21). Over the weekend John will install a Folsom release as there is adequate documentation in place and up-to-date packages. Once Grizzly drops we will then update this environment.

Goals for Next Week

- Grizzly Install
- Installing Hadoop on OpenStack

Risks

ID#	Status	Risk	Owner	Probability / Priority	Impact	Trigger	Recommendation / Resolution
R001	Incomplete	Unable to complete design document	Team	100%/Medium	Will set back our progress	Decision with team and mentors during next meeting	We will complete this document by Monday evening for review on Tuesday

Issues

ID#	RID#	Status	Issue	Owner	Due Date	Impact	Recommendation / Resolution
I001		Resolved on 02/05/2013	Need access to more hardware	Team	02/05/2013	Having more hardware will provide us a system that is in a controlled environment	Contact Robert

Project Success Indicator	02/ 01	02/ 08	02/ 15	02/ 22	03/ 01	03/ 08	03/ 15	03/ 22	03/ 29	04/ 05	04/ 12	04/ 26	05/ 03
Planned milestone events are being met	OK	OK	OK	OK	OK	OK	OK	OK					
Budget is under control	OK	OK	OK	OK	OK	OK	OK	OK					
Quality control results are within specifications	OK	OK	OK	OK	OK	OK	OK	OK					
Change control process indicated minimal requests for change	OK	OK	OK	OK	OK	OK	OK	OK					
Project resources are being supplied per schedule and skill levels are adequate	OK	OK	OK	OK	OK	OK	OK	OK					
Project team appears to be cohesive and reasonably happy	OK	OK	OK	OK	OK	OK	OK	OK					
Users seem satisfied with progress of the work	OK	OK	OK	OK	OK	OK	OK	OK					
Top management remains visibly supportive of project goals	OK	OK	OK	OK	OK	OK	OK	OK					
Third-party vendors are delivering quality items on schedule	OK	OK	OK	OK	OK	OK	OK	OK					
Risk events are under control and nothing unusual is appearing	OK	OK	OK	OK	OK	OK	OK	OK					
Project training program is progressing according to plan	OK	OK	OK	OK	OK	OK	OK	OK					
Relationships with support groups appear to have no identifiable issues	OK	OK	OK	OK	OK	OK	OK	OK					