**Sprint Report Document**

IBM

Scott Rotvold

Adam Murray

Brandon Ebersohl

Madeline Gordon

**1. Sprint Planning Meeting – 2/9/15**

**1.1 Sprint Backlog**

* Backlog currently contained within the Github website:
  + https://github.com/the0ldknighte/IBM\_Capstone\_Project

**2. Sprint Review Meeting – 3/10/15**

**2.1 Customer Demo**

* Showed Jenkins passing data to Carbon
* Updated documentation to reflect any changes made to the project plan
* Currently configuring Grafana
* Have working package dependencies for graphite

**2.2 Stakeholder Involvement Review**

* Mentors
  + have kept up to date with project progress
  + Have answered any relevant questions that need to be answered
* Scott
  + Fixed the documentation based upon the requests by the previous sprint’s audit.
  + Fixed file dependencies for graphite
  + Wrote weekly reports as well as this report
* Madeline
  + Worked on getting Jenkins test servers to pass data
  + Worked on finding the correct plugins for Jenkins to run
  + Found the correct Jenkins plugins to feed data to carbon
* Brandon
  + Working on getting Ansible playbooks running
    - Currently has configured demo playbooks.
* Adam
  + Working on Getting data to pass from Jenkins to carbon
  + Working on configuring the data in carbon for use in the graphs

**2.3 Data Management Review**

* Currently there is no formal data configuration provided, all used data is test data that does not require formatting based upon the project specifications

**2.4 Requirements Review**

* Changed package management system to Ansible
* Using Grafana as the graphing library

**2.5 Progress Review**

* Completed:
  + Setting up Jenkins with the correct plugins to pass to carbon
  + Research on Ansible
  + Audit updates
  + Graphite correctly installed
  + Passed test data from Jenkins to carbon
* In progress:
  + Configuring Grafana
  + Configuring the graphs on Grafana
  + Making Ansible Playbooks

**3. Sprint Retrospective Meeting –** 3/13/15

**3.1 Top Highlights**

* Got Jenkins to pass test data to carbon using the Jenkins plugin
* Have the packages for graphite correctly installed
* Currently have an Ansible demo created for proof of concept
* Have documentation up to date

**3.2 Top Lowlights**

* Unable to get Grafana to completely install
* No large sets of data to test setup
* Currently no graphing interface to display data

**3.3 Reflection on Improvements**

* Make sure to have consistent communication
  + Make sure to read emails and answer questions promptly
* Continue to do research into Linux
  + To better understand how to correctly install the package dependencies
* Continue to research how correctly use Grafana