IBM Continuous Integration

Install Guide / User Manual

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# How to Install

1. Access the Ansible playbook
   1. Can be found at <https://github.com/the0ldknighte/IBM_Capstone_Project/tree/master/Ansible%20Playbook>
2. Install using the Ansible Playbook
   1. Note: all settings for Grafana (Carbon Graphite etc) should be setup automatically by this setup
3. Install the Graphite Plugin on the Jenkins Server

# User Guide

1. Grafana:
   1. To add a graph, click the home tab in the upper right corner
   2. Select new under the dashboard list
   3. To change the title of the dashboard, select settings once the dashboard has been generated (the small gear at the top of the page)
   4. Once the new dashboard has been generated, click the green tab on the left hand side
   5. Select Add panel, then graph
   6. Once the graph panel is generated, left click the graph and select edit
   7. Change the data source to graphite
   8. Then select the metrics desired by going through the correct filepath
   9. Optional changes:
      1. You can change the title of the graph under the general tab by typing into the title text box
      2. The units and scales of the axes can be changed under the axes and grids tab
      3. The amount of data displayed can be changed under the time range tab
   10. For more information regarding Grafana’s user interface visit:
       1. <http://docs.grafana.org/guides/gettingstarted/>
2. Jenkins:
   1. For information on installing and configuring Jenkins, please visit:
      1. <https://wiki.jenkins-ci.org/display/JENKINS/Use+Jenkins>
3. Ansible:
   1. To install, simply set the host source and run the Ansible playbook to install on the respective system
   2. For more information regarding Ansible visit:
      1. http://www.ansible.com/get-started