**Test Case Documentation**

**Pre-Requisites**:

1. Clone the latest code from GitHub repository.

<https://github.com/maplelabs/apm-jenkins-plugin>

1. Go to the repository directory in local and run the following command to create a hpi file.

mvn clean install

1. The hpi file created will be present in target folder, deploy the hpi file in your Jenkins server and configure the fields of the plugin.

**Running test Case**:

Run the sanity-test-pipeline in your Jenkins to check the end-to-end workflow of the plugin is working properly or not. To know whether the test cases passed or not check for the response code after every stage. If the response code is 201 then our plugin is posting data to snappyflow successfully.

Note:

* We must first change the Jenkins URL, username, password in Jenkins\_config.txt file according to our setup. The programs automatically read the variables from the config file. We must check whether the path to config file is correct or not in every program.
* We must also make sure to create a new logger in Jenkins with level as FINE.
* The pipeline takes four inputs which are:

1.job name: We must provide the job name which we are trying to build as an example.

2.metricstype: we must provide the type of metrics that we are searching in the log.

3.nodename: we must provide the node name that we to change the status of.

4.changestatus: we must say whether to make the node status online/offline to record System Metrics.

Note:

To bring the node online after selecting online we need to run some specific commands shown in the nodes page to execute jobs in that node.

Ex: In the below screenshot you can see the commands that needs to be run to bring the node online. The commands change according to the nodes double check whether you are running the correct commands or not.

A screenshot of a computer

Description automatically generated

**Setting up Logger:**

* Open Manage Jenkins -> System Log.
* Select New recorder to create a new log.
* Give some meaningful name and click create.
* You will get loggers field after creating the log in the same page.
* Click on add and fill the details as specified in the below screenshot and click save.

A screenshot of a computer

Description automatically generated