**Jenkins Setup for STB-Tester**

**Steps to setup:**

Step 1: Under Jenkins select “New Item”.

Step 2: Enter project name and Select “Freestyle project” option.

Step 3: Under “General” section. Select “GitHub project” checkbox and enter your project GitHub URL in the provided text field.

Step 4: Move to “Source Code Management” Section, Select “Git” Radio button and provide following details

* **Repository URL**: Provide GitHub URL
* **Credentials**: Provide the credentials to access GitHub
* **Branches to build**: Provide the branch name from which you want to execute the scripts. Example: \*/master

Step 5: Move to “Build Triggers” Section. Select “Build periodically” radio button and provide the schedule Example: “00 00 \*\* 1-5” ==> which is to execute the scripts daily at 12AM from Monday to Friday.

Step 6: Move to “Build Environment” section. Select “Delete workspace before build starts” checkbox.

Step 7: Move to “Build” section.

* Select “Add build step” drop down.
* Select “Execute system Groovy script” option from dropdown.
* In below dropdown select “Groovy Command”
* For “Groovy Script” text field paste the provided groovy code and update the following changes in script.
  + def branch= "PROVIDE\_YOUR\_BRANCH\_NAME"
  + def node\_id="PROVIDE\_STB\_TESTER\_NODE\_ID"
  + authHeader="token PROVIDE\_YOUR\_STB\_TESTER\_AUTHO\_TOKEN"
  + module\_chk\_str=module\_chk\_str="PROVIDE\_PATH\_TO\_YOUR\_TEST\_SCRIPTS\_UNDER\_PROJECT" **Example**: "tests/Roku/SanitySuite"

Step 8: Move to “Post-build Actions”.

* Select “Add post-build action” dropdown.
* Select “Editable Email Notification” option.
* Add the recipient list under “Project Recipient List” with comma-separated list for email addresses.
* Add the Reply-To list under “Project Reply-To List” with comma-separated list for email addresses.
* Select “Both HTML and Plain Text” option under “Content Type” dropdown.
* For “Default Subject” text field enter following data “$DEFAULT\_SUBJECT”.
* Paste the report HTML code provided to you under “Default Content” text box.
* Select “Advanced Settings” button at the bottom.
* Under “Triggers”, select “Add Trigger” dropdown.
* Select “Always” option.

Step 9: Select “Save” button below.

Step 10: Select “Build Now” will trigger the execution of test scripts from Jenkins.