

DevOps Tools Integration – Part 2

- Amazon Simple Storage Service (S3)
- Nginx Server

1. Add Build step – ‘Execute Shell’
 - a. We will shell commands, code for below actions here.
2. Build a project
 - a. Create a zip file of case tests and script
3. Upload the artifacts to Amazon S3 using Python + Boto3 script
 - a. Upload the zip file
4. Prepare test environment
 - a. Create test folder etc
5. Download the build artifact from Amazon s3 to Jenkins workspace using another script
 - a. Download the zip file
6. Execute the tests
 - a. Scenario 1 - All tests pass
 - b. Scenario 2 - Some tests fail
7. Create the build folder in Nginx server host using SSH, Pem key and IP address
 - a. Build Tag variable ??
8. Copy the Pass/Fail etc logs to Nginx server host using SCP, Pem key
 - a. *.pass *.fail script_file and testsuite.sh
9. Add the link to S3 Bucket (??) in mail body
 - a. Check if that works?
10. Add the link to Nginx release folder location in mail body
 - a. Check if the link works manually once.