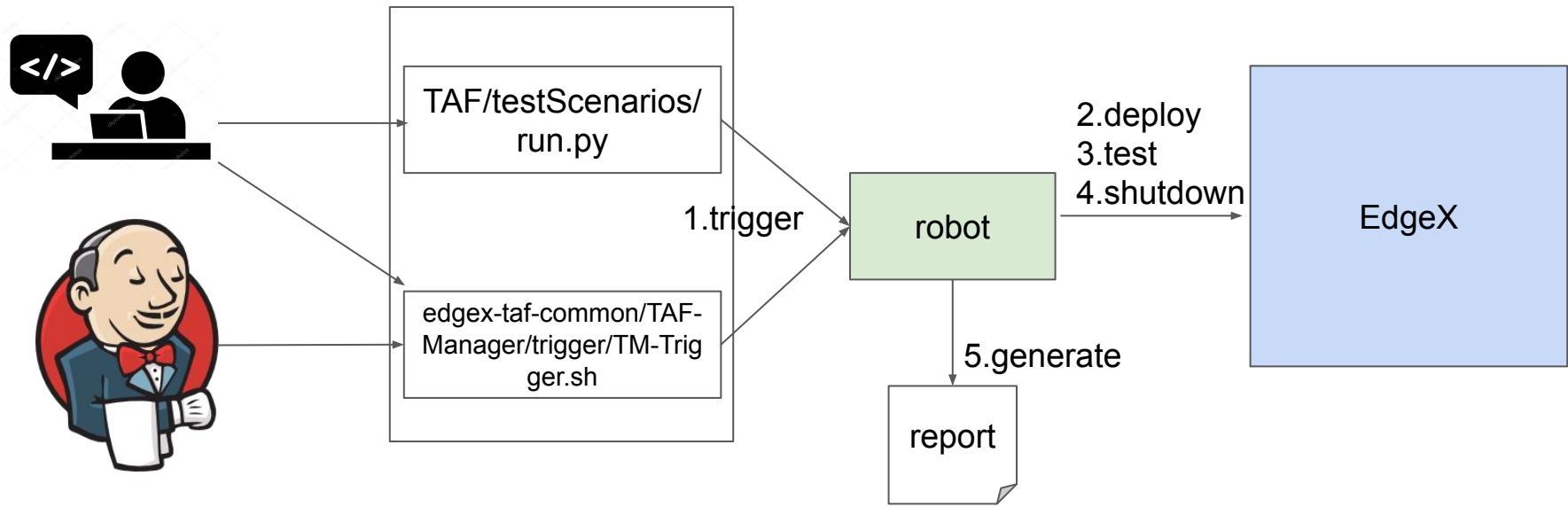


Edgex-taf survey

# Requirement

1. Well defined project structure
2. Write test cases with human readable syntax (robotframework does)
3. Execute test scripts by robotframework or dockerized robotframework
  - a. Deploy test environment ( edgex services for testing)
  - b. Run test
  - c. Shutdown test environment
4. Generate good report (robotframework does)
5. All components are dockerized
6. Integrate with Jenkins

# Overview



1. Edgex-taf provides well defined project structure to put configuration and test cases, test scripts, test report.
2. Edgex-taf-common provides a place to put reusable scripts.
3. Regression-test demo how to use Jenkinsfile trigger test with TM-Trigger.sh
4. After we surveyed the edgex-taf and edgex-taf-common, regression-test, we consider making the **user can trigger testing by TM-Trigger.sh**

# Work items

1. Try to simplify the script to trigger test
2. Dockerize robotframework (already done in performance-summary-collection)
3. Add tests for device-virtual-go
4. Migrate performance-summary-collection to edgex-taf structure