Configuration Management Context Diagram

Develop

test

changes

Merge &

Verify

changes

Establish

Work

Area

Change

Delivery

Steps

Share

tested

merged

changes

DevLead

Updates

Repo

basis

Change/

Code

Review

CCB

Schedule Certified change for Production Deployment. JIRA Release & Request Tickets

Tools

Primary tool is GitHub where all elements are associated with GoCD, Artifactory, Ansible, Rally, and JIRA accordingly.

Team Leads

Updates appropriate code and document basis with Certified changes.

Developers, Operators, Team Leads

Code and document review sessions for all changes, additions and deletions.

Tools

Primary tool is the GitHub pull request which initiates a code review.

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Primary tool is GitHub where all elements are associated with GoCD, Artifactory, Ansible, Rally, and JIRA accordingly.

Tools

Developers, Operators

Start work from appropriate basis

Developers, Operators

Develop and test changes in individual environments.

Developers, Operators

Merge and verify changes with established deployments and deployments in progress.

Tools

Enterprise GitHub
Organization using
GitFlow Workflow.
Change is managed with
Rally and JIRA.

Tools

GitHub with Git repos on individual workstations with GoCD and Ansible. Update Rally and JIRA for coordination.

Tools

GitHub with Git repos on individual workstations and shared development environments using GoCD, Artifactory, and Ansible.
Update Rally and JIRA for coordination.

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Developers, Operators

Share deployable changes so entire team can merge and test with.

Tools in Use

Rally JIRA Confluence GitHub Git GoCD Vagrant Artifactory New Artifactory Ansible

Concepts & Goals

CM System Website CM Wiki GitHub Orgs Tool Links

Tools being Reviewed

JIRA Confluence

Ansible
Docker
Concourse
Kubernetes