

Abbreviations

AWS - Amazon Web Services

CI - Continuous Integration

Project Overview

Successfully deploy Docker containers within AWS Environment.

Ansible will be used to configure Docker within AWS.

Project will comply with CI pipeline and hosted on cloud platform, ensuring that configured systems have no issues within live operations.

Selected Tools (Docker)

Jenkins: CI Tool

Git: Code Review Tool

Maven: Build Management Tool

Zabbix: Monitoring Tool

Nexus: Artifact Repository

Jira: Project Tracker

Required Tasks (Status)

- 1) Shared team source code repository for uploading work & sharing documents ✓
- 2) Maintain repository during project ensuring all content is uploaded and up to date ✓
- 3) Flow diagram on container design, selected tools used & integration within CI pipeline ✗
- 4) User stories with actors and their primary interaction process with the system ✗
- 5) Research gathering for different approaches to install Docker on AWS ✗
- 6) Produce technical dictionary with commands executed and clarifications on chosen implementation approach ✗
- 7) Install Jira using Docker container within AWS Environment as proof of concept ✗
- 8) Produce group presentation outlining required five set deliverables ✗
- 9) Complete deployment project before 23/06/17 ✗