	Tear down Docker	Application in Docker container in Production
rks Environment	Deploy Docker Container with old version of application, if exists Deploy Docker Container from newly pulled Image Note of the container with old deployment using Assertion checking (Mini-test) Which Jenkins Job triggered the deployment?	stack start serving reque
OpsWorks	Pull Docker Image from Registry, compute image checksum from database Get expected Image checksum from comparing checksums Verify downloaded Image integrity by comparing checksums Commit Build Run Commit Test Suite (time constrained tests)	
Deployer	Invoke Chef run to deploy and execute Application Tests from built Docker Image in OpsWorks Testing Environment Invoke Chef run to deploy latest Docker Image from Periodic Build to OpsWorks Production Environment	
Configuration Management	Application Encrypted credentials Source code (database, AWS) DockerImage Registry Log bucket Log bucket	
Jenkins Build Server	Push image to Docker image Required credentials for application (database access, etc.) Decrypt Credentials needed for Application Push image to Docker image Regitry Compute Docker image Commit test results Notify developer of commit best results, set rommit build status on GitHub Pull source code, run unit tests, build Application artifacts (.jar, .war) Notified by previously	Log Deployment results New version of Application