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# DevSecOps Workshop Virtual Workshop

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## ABOUT US

AEM Corporation founded Vizuri in 2002 as its innovation hub. As technologies and standards evolve, Vizuri has invested heavily in diverse capabilities to benefit AEM's diverse private- and public-sector clients.

Our industry-leading technology and business experts help Fortune 500 organizations with tactical technology capabilities, industry knowledge, and strategic business insights.

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## FACTS

- Vizuri is a dba (doing business as) of AEM; commercial branding
- Open Source solutions provider
- Industry recognized awards and certifications
  - 4 Red Hat Innovation Awards
  - 5 Time Red Hat Middleware Partner of the Year
  - 1st recipient of the Red Hat Partner of Excellence Award in North America
- Lead and Sponsor of NOVA MEAN & DC JBoss Users Groups

# WHAT IS CI/CD

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Continuous Integration establishes a consistent and automated way to build, package, and test applications.

Continuous Deploy automates the delivery of applications to selected infrastructure environments.

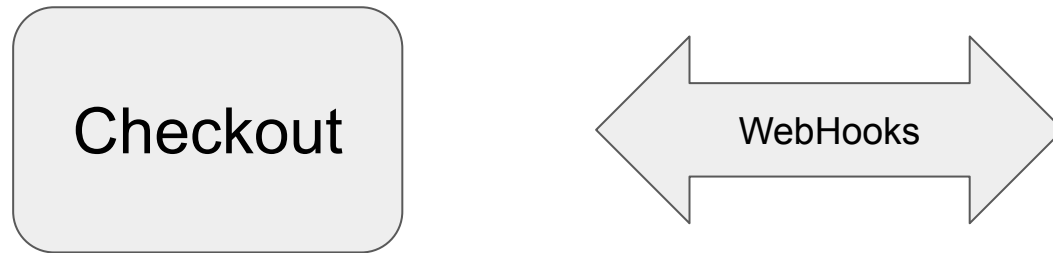
# CI/CD PIPELINE ACTIVITIES

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What do we want to automate in our CI/CD Pipelines?

# CI/CD PIPELINE STEPS - (SCM)

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# CI/CD PIPELINE STEPS - NOTIFICATIONS

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Notify



# CI/CD PIPELINE STEPS - CODE BUILD

---

Build

**maven**





# CI/CD PIPELINE STEPS - UNIT TEST

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Unit Test

**J**Unit

cucumber 

nunit

# CI/CD PIPELINE STEPS - INTEGRATION TEST

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Integration  
Test

POSTMAN

JUnit

cucumber

nunit

# CI/CD PIPELINE STEPS - CODE ANALYSIS

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Analyze  
Code



# CI/CD PIPELINE STEPS - ARTIFACT REPOSITORY

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Publish  
Build  
Artifacts

 Sonatype  
**Nexus**

 **JFrog Artifactory**



# CI/CD PIPELINE STEPS - CONTAINER BUILD

---

Build  
Container



# CI/CD PIPELINE STEPS - CONTAINER REGISTRY

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Container  
Push

 Sonatype  
**Nexus**

 **JFrog Artifactory**

 **QUAY**

 **docker**

# CI/CD PIPELINE STEPS - CONTAINER SCAN

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Container  
Scan



clair



**BLACK**DUCK

# CI/CD PIPELINE STEPS - APPROVALS

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Approve



**Jenkins**



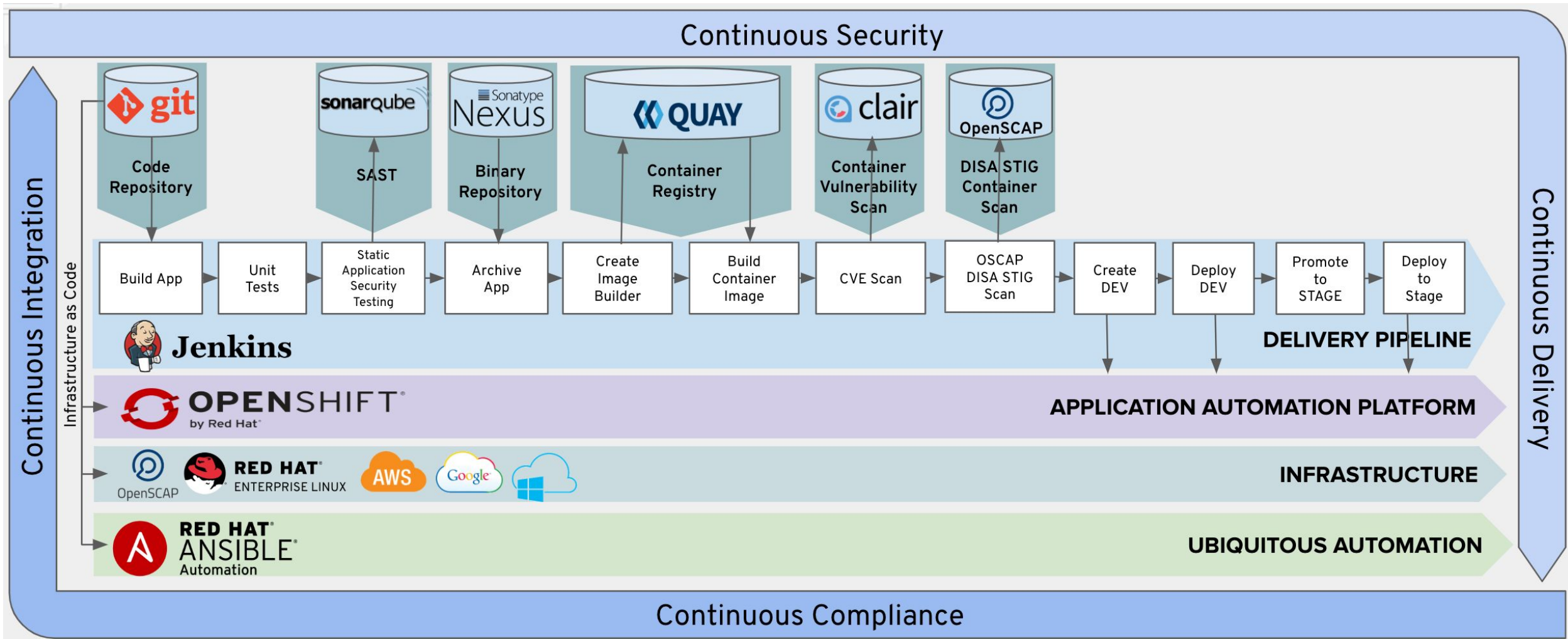


# CI/CD PIPELINE STEPS - DEPLOY

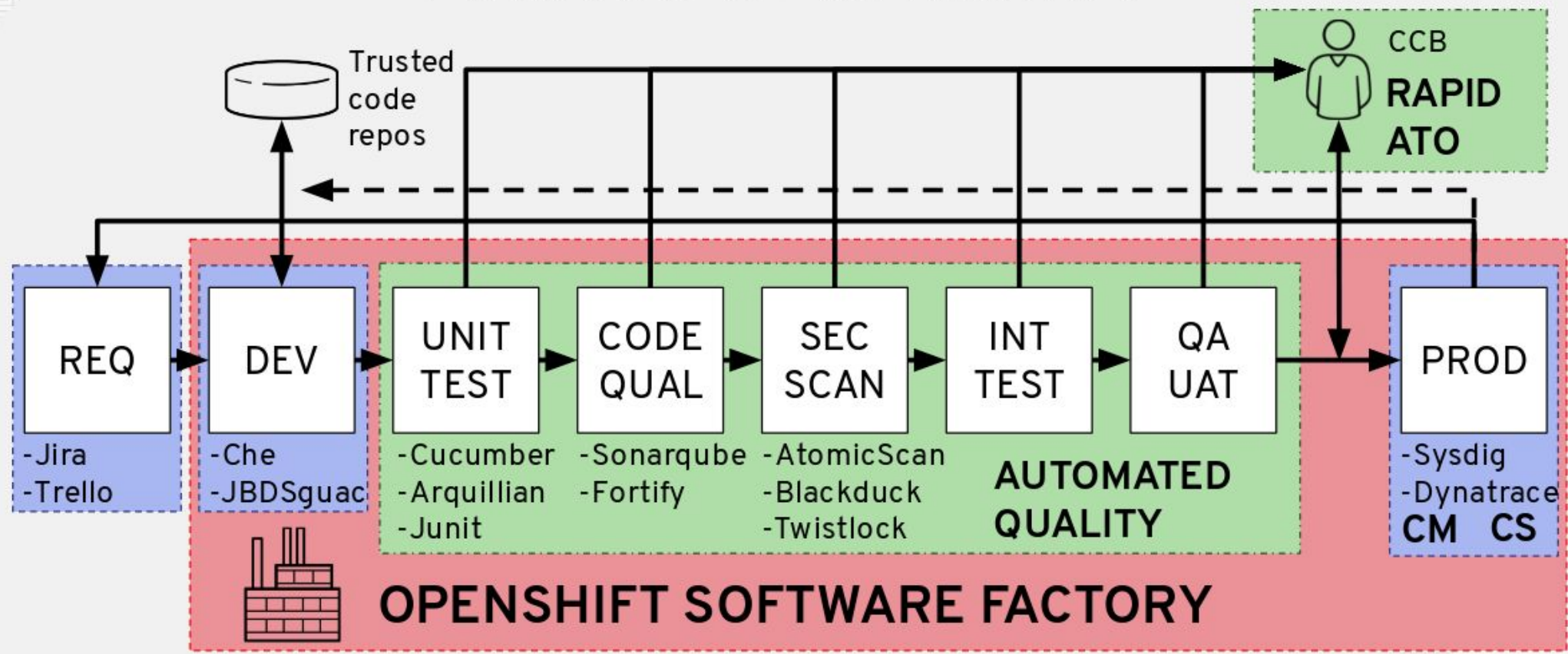
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Deploy





# THE TRUSTED SOFTWARE SUPPLY CHAIN POWERED BY OPENSIFT





# Let's see DevSecOps Process in Action

## Exercises







# THANK YOU

CONTACT US

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