Fast & Secure App Deliver and Deploy Tanzu Application Platform

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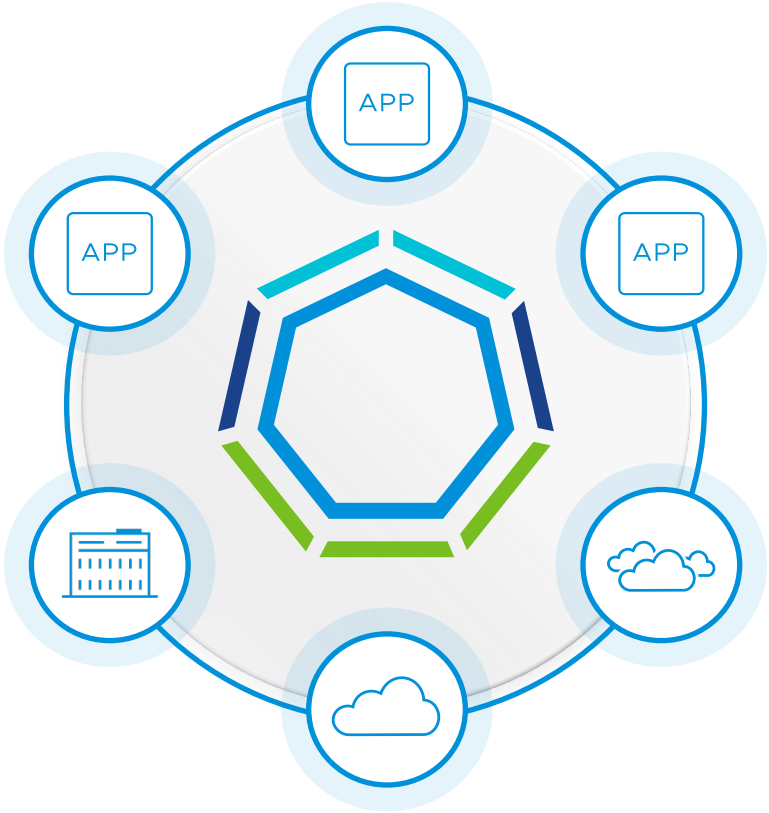
VMware Tanzu

Making the journey easier

VMware Tanzu®
Application
Platform™

Consistent developer experience
for any Kubernetes



VMware Tanzu®
for Kubernetes
Operations

Modern cloud native platform
operations for any cloud

VMware Tanzu®
Data Services

SQL, RabbitMQ, GemFire,
Greenplum. Data services for k8s

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Internal Developer Platform - Tanzu Application Platform

Tanzu Application Platform is backed by some of the most mature and popular open-source projects available today

In addition to Backstage

Garnering 200+ plugins Backstage has gained tremendous traction by helping organizations build self-service developer portals

Carvel

Developers build, deploy, and manage their own apps and package them so they are more easily distributable

Cartographer

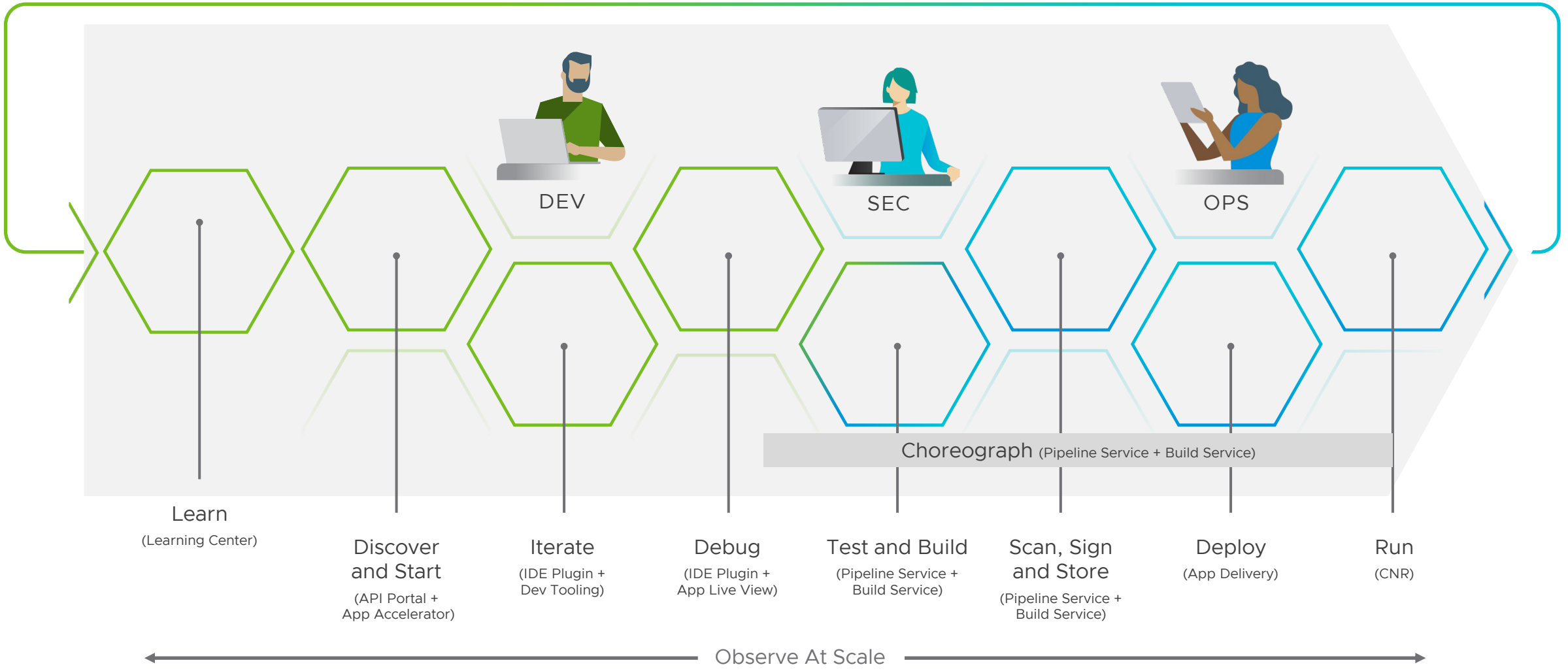
Operator teams create secure, reusable supply chains that define all of application CI and CD in one place

And many more….

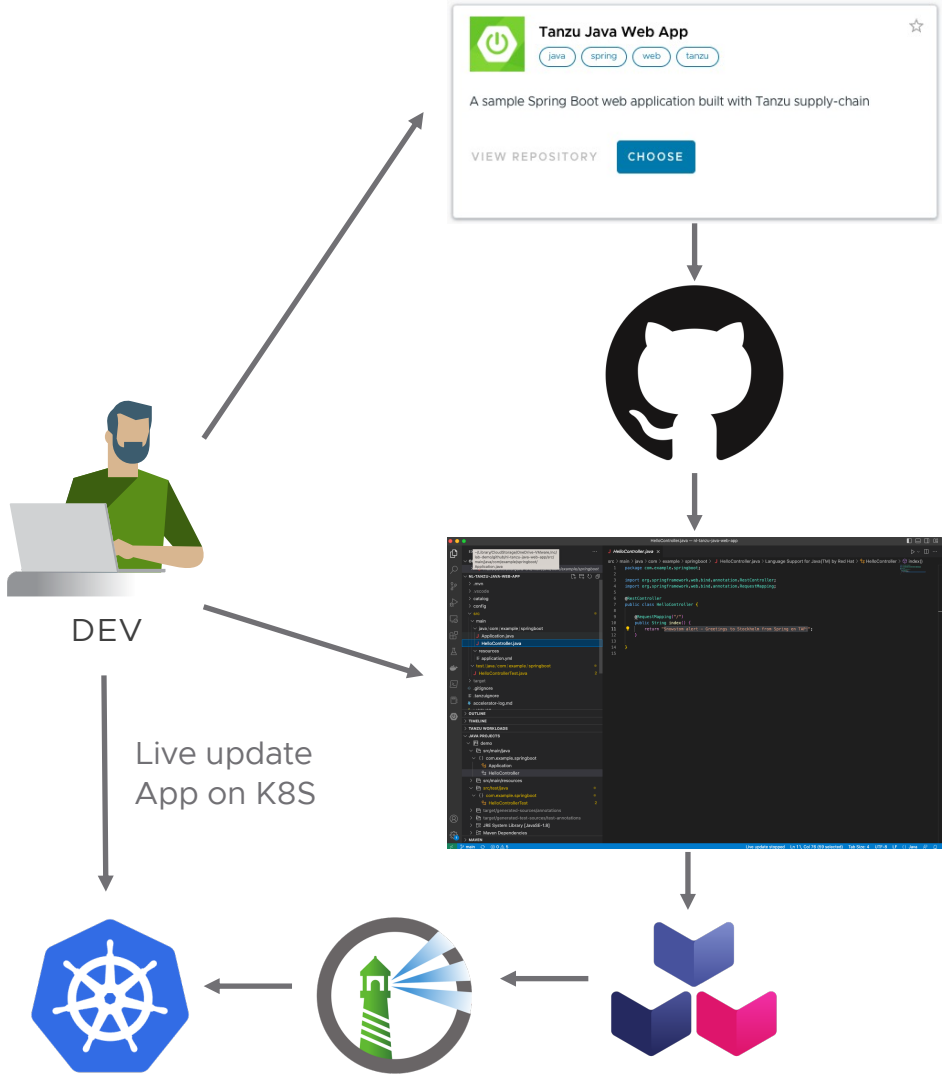
Building open-source software and contributing to communities is at the core of VMware's engineering spirit

Tanzu Application Platform

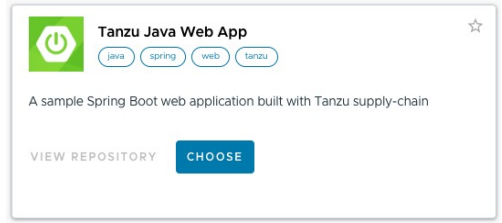
From Learning to Deployment of Modern Apps



Demo flow

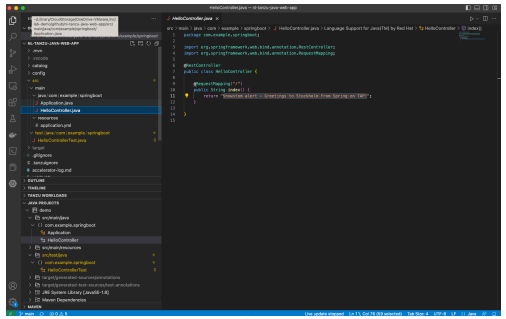

Tanzu Java Web App
java
spring
web
tanzu
A sample Spring Boot web application built with Tanzu supply-chain
VIEW REPOSITORY
CHOOSE
DEV
Live update
App on K8S

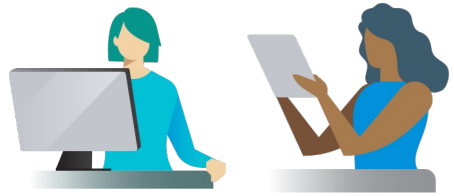
Demo flow



DEV

Live update
App on K8S





SEC

OPS

Tekton – Unit &
integration tests

Grype
Source scanning

Tanzu Build Service
Build containerimages

Grype
Container scan

Harbor
Container registry

Carvel – App
Deployment using
GitOps concepts

CNR – Autoscaling &
eventing

Run a production ready application on K8S

Thank You

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