

# Powering Java on Azure with Open Liberty and OpenShift

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## **Cloud Adoption**



Most cloud applications weren't designed for the cloud

54%

Cloud apps that originated onpremises 55%

Use multiple public clouds

59%

Expect to be mostly or all on public cloud by end of 2021

Source: https://www.idg.com/tools-for-marketers/2020-cloud-computing-study/

## **Kubernetes Adoption**



Kubernetes rapidly becoming the de-facto Container orchestration platform

84%

Use containers in development or production

72%

Expect container use to increase over next 12 months

66%

Kubernetes is Very to Extremely Important to Cloud-native

Source: https://www.redhat.com/en/enterprise-open-source-report/2021

#### Jakarta EE and MicroProfile



Optimizing Enterprise Java for a Microservices Architecture

FOUNDATION

WICROPROFILE

A 10 compatible products



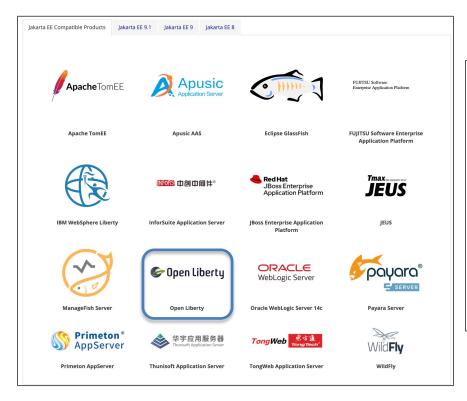
Build modern portable enterprise apps Protect your investments in Java EE

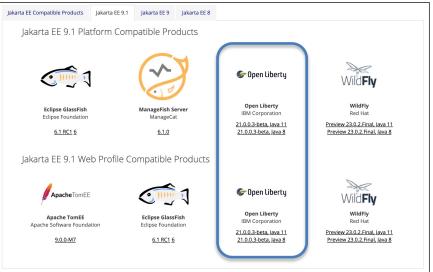


## Jakarta EE Compatibility







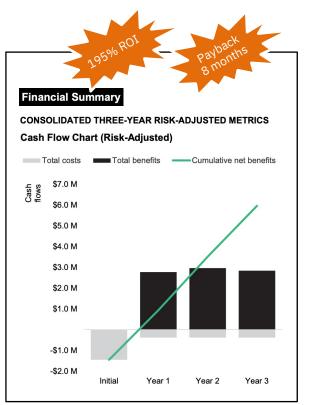


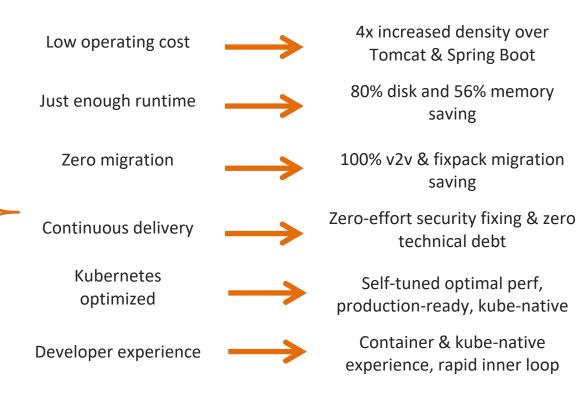
### Why Open Liberty

Open Liberty

Supports Java EE, Jakarta EE, MicroProfile, Spring Boot, great for monoliths and microservices 🧢



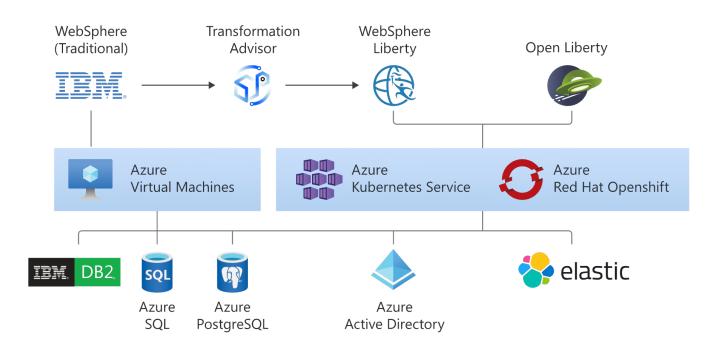




## Collaboration Scope



#### Continuing to collaborate on other WebSphere & Azure integrations



#### Liberty on Azure References

Read



Why choose Liberty for Microservices <a href="mailto:ibm.biz/6ReasonsWhyLiberty">ibm.biz/6ReasonsWhyLiberty</a>

Choosing the right Java runtime ibm.biz/ChooseJavaRuntime

How to approach application modernization ibm.biz/ModernizeJavaApps

Experience on Azure



Keep up to date with the latest developments <a href="https://ibm.biz/WASAzureContactMe">https://ibm.biz/WASAzureContactMe</a>

Try Liberty on Azure Red Hat OpenShift <a href="mailto:ibm.biz/LibertyOnARO">ibm.biz/LibertyOnARO</a>

Try Liberty on Azure Kubernetes Service ibm.biz/LibertyOnAKS Experience



Try Liberty as a beginner openliberty.io/guides/getting-started.html

Try Cloud-hosted guides (no prereq's to install) <u>ibm.biz/HostedLibertyGuides</u>

Learn Liberty, Jakarta EE, MicroProfile, Containers, Kubernetes, Hands-on openliberty.io/guides



## Demo Time

Where the fun happens



