

# Intro to OpenShift on IBM Cloud for Legacy Java App Migration

June 9, 2020

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# About Stone Door Group

- **Red Hat APEX Partner** that assists organizations with implementing DevOps best practices using Red Hat solutions
- **OpenShift Container Platform Accelerator<sup>SM</sup>**
  - Install OpenShift Container Platform
  - Profile your existing applications
  - Migrate production application to OpenShift
  - Deliver an app migration roadmap and app migration runbooks
- **Complimentary OpenShift trial environment**

<http://www.stonedoorgroup.com/openshift-container-platform>

# Red Hat & Stone Door Group - Upcoming Events

Workshop	Title	Event Date/Time	Description
1	Red Hat Infrastructure for Windows Administrators - Part 1	May 5, 2020 1:00 – 4:00 EST	How to setup a proper base RHEL infrastructure and integrate existing Windows infrastructure
2	OpenShift on IBM Cloud	June 9, 2020 1:00 – 4:00 EST	How to setup OpenShift on IBM Cloud to migrate legacy applications
3	Red Hat Infrastructure For Windows Administrators - Part 2	July 8, 2020 1:00 – 4:00 EST	How to effectively manage day 2 operations and compliance of RHEL servers using Red Hat management software.
4	Migrate Legacy Applications	August 5, 2020 1:00 – 4:00 EST	How to configure OpenShift on IBM Cloud to migrate legacy applications

# Housekeeping

- Trouble with your connection?
  - You may dial in via phone
    - Tel: **1.888.788.0099** Webinar ID: **943 2618 3966** Password: **645753**
  - Email us at [webinar@stonedoorgroup.com](mailto:webinar@stonedoorgroup.com) for assistance
- Following today's session, we will distribute a link to the webinar recording as well as a link to today's presentation
- Format for Today's Event
  - Demonstration
  - Lab Break Out
    - Hands-on lab
    - Overflow demonstration
- Questions?
  - Please enter any questions via Zoom's Chat feature

# Meet today's presenters



# Red Hat

The world's leading provider of  
enterprise open source solutions.



**CJ Meidlinger**  
**Stone Door Group**

Senior Consultant at Stone Door  
Group where he helps clients  
migrate applications to Red Hat  
OpenShift Container Platform.



DevOps solutions, integrations,  
and staff augmentation.

# Red Hat Virtual Workshop

Intro to OpenShift on IBM Cloud for Legacy Java App Migration

Stone Door Group  
June 9, 2020



**Red Hat**

# About this Workshop

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The purpose of this workshop is to show Java developers how to use OpenShift tools on IBM Cloud to migrate their legacy applications.

At the end of the labs, a Java developer will be able to successfully configure and deploy “Hello World” Java applications on OpenShift.

# Workshop Assumptions

- The customer is running Java applications on stand-alone servers or VMs for various business needs.
- The customer is currently running into the following technical challenges with this configuration:
  - Multiple deployment environments
  - Difficult to scale
  - Slow to update with new features



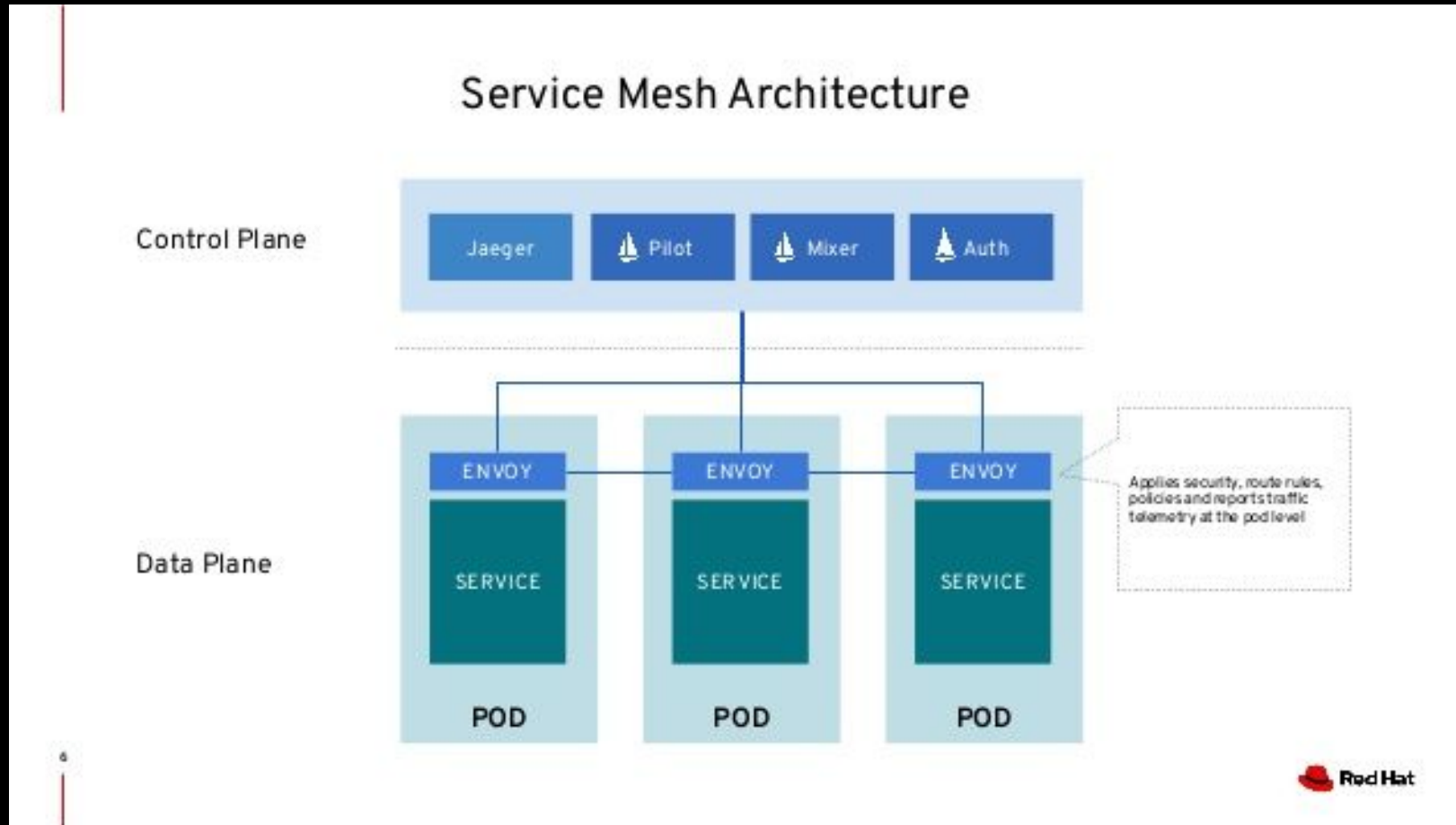
# About OpenShift

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The following are 3 reasons why customers are choosing to migrate to OpenShift:

- Containerization
- Clustered platform
- CI/CD
- Service Mesh

# Service mesh



# Workshop Goals

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The purpose of this particular workshop is to demonstrate the following:

- Containerization of a Java application
- Deployment of a Java application into OpenShift
- Leveraging OpenShift services in application management
- Trigger new builds and deployments from a code update
- Integrate an application with Red Hat Service Mesh

# References

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<https://www.stonedorgroup.com/openshift-container-platform>

<https://docs.openshift.com>

<https://catalog.redhat.com/software/containers/search?q=java&p=1>

# Presentation Conclusion

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The following is the key takeaway from the workshop:

At the end of the labs, a Java developer will be able to successfully configure and deploy “Hello World” Java applications on OpenShift.

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Questions? Email us at [letsdothis@stonedoorgroup.com](mailto:letsdothis@stonedoorgroup.com)

# Let's Do This!

- **OpenShift Container Platform Accelerator<sup>SM</sup>**
  - Install OpenShift Container Platform
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Contact Us: [letsdothis@stonedoorgroup.com](mailto:letsdothis@stonedoorgroup.com)

# Lab Instructions

- **Hands-On Option**

- Email with lab credentials
- New Zoom session - see Chat for details
- Led by CJ Meidlinger
- Tech Support by Mike Savage

- **Demo-only Option**

- Remain in this current Zoom session
- Led by Mike McDonough

Questions or Support - Please use Zoom's Chat feature