



# NA Training Partner Conference

Virtual experience | 7-9 Sept, 2021

 **Open** collaboration,  
learning **anywhere** 



# OpenShift Service Mesh

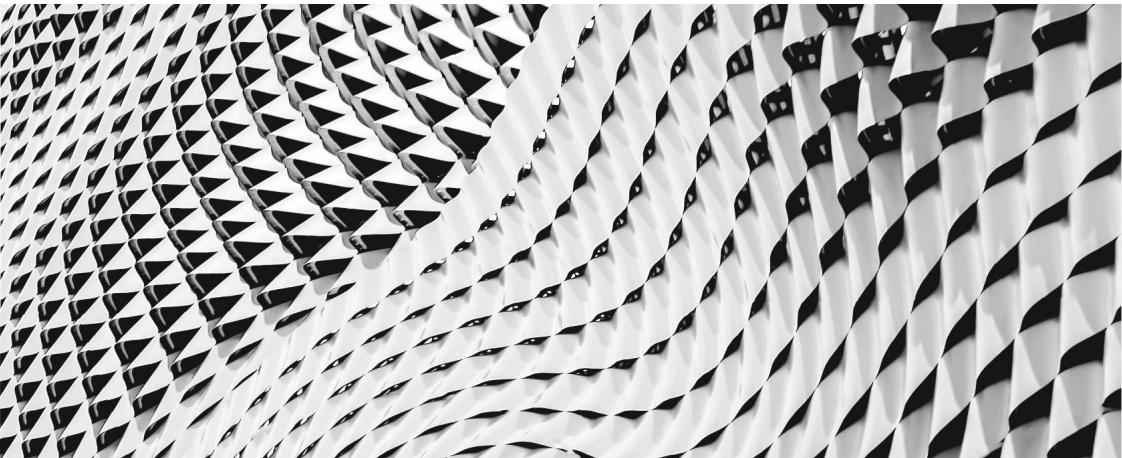
- Why you should consider delivering a dev course as an admin instructor


**Ricardo Taniguchi,**  
Senior Instructor, NA

# Agenda:

- ▶ Why OpenShift Service Mesh?
- ▶ Traps and caveats on the course - how to bypass them?
- ▶ Why leverage DO328 in your career?

# Service Mesh Use Cases



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- Drill down application monitoring and logging
  - Different deployment approaches
  - Customized Security level



# Why OpenShift Service Mesh ?



## Service Mesh (advantages)

An extension to OpenShift (that is free if you have a subscription).

Simplifies alternative deployment models (A/B, Green/Blue)

Provides robustness in case of failures without changing apps code.

Simplifies secure communication among internal apps.

No Exam required!



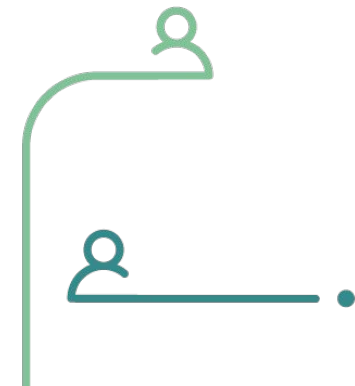


## Service Mesh (disadvantages)

Improves drill-down monitoring (requires code changes)

Changes every pod that is managed by Service Mesh (sidecar container)

Implements testing capabilities to the environment (mostly focused on load and chaos testing)





# Traps and caveats on the course - how to bypass them?



# Traps and caveats

How not to fall apart your deliveries into details (careful with the chapters in bold)



Which are the components of Service Mesh

How to install service Mesh

## **How to add monitoring capabilities**

Controlling Service Traffic

Releasing Applications with OpenShift Service Mesh

## **Testing Service Resilience with Chaos Testing**

Building Resilient Services

Securing an OpenShift Service Mesh

# Thank you!

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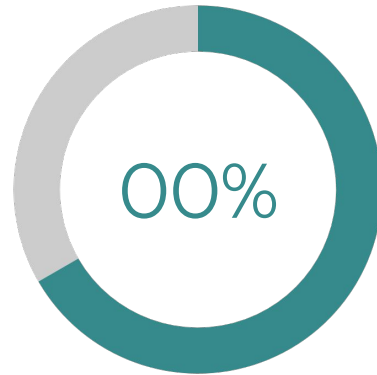
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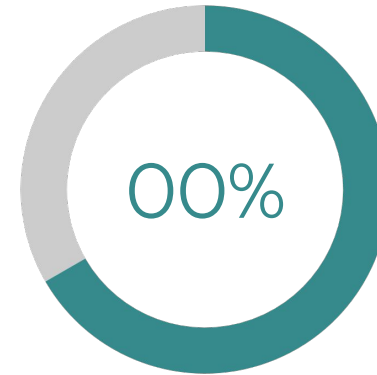
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