

DEV OPS4ME

Designing Your Future

DevSecOps Workshop

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Overview

As organisations adopting and trying to stable their existing CI/CD pipeline, they face a new challenge in their DevOps journey, security and compliance frequently missed out or not been practice among the Developers. Hence, they always found themselves facing vulnerability issue in application after they put the latest update in Production.

The **DevSecOps Workshop** provides a basic understanding of key DevSecOps CI/CD terminology to secure your product and application at initial stage of the that everyone speaks the same language and highlights the benefits of DevOps in supporting organisational success.

DevSecOps also promotes “security is everyone's job”, not only AppSec or InfoSec jobs. Finally, feeling safe and secure is everyone's essential needs, hence secured CICD or DevSecOps pipelines are able to boost an organization's confidence about their software products.





Workshop Objectives

The training objective for **DevSecOps Workshop** include ;

- DevOps & DevSecOps fundamental and it culture.
- The DevSecOps benefit for product's security and compliance.
- Principles and practices including Software Component Analysis(SCA), Static Analysis (SAST), Dynamic Analysis (DAST), Automation for security, & Vulnerability Management.
- Automation practices in DevSecOps CI/CD pipeline.
- Security as Code practice using DevSecOps pipeline and **Shift Left** approach to secured CI/CD pipeline.
- How to start DevSecOps transformation.
- The vital factors and key performance indicators.
- Real example of DevSecOps CI/CD pipeline and use-cases.



Target audience

Who can join this training ?

- ✓ Software Developer
- ✓ IT Operation
- ✓ Software Architect
- ✓ Deployment Engineer
- ✓ Security Engineer
- ✓ Application Security
- ✓ QA / Testing Professionals
- ✓ Project Manager





Workshop Prerequisite

It is recommended that participant complete the DevOps Discovery Training(**DO4M-DDT**) or have knowledge on DevOps fundamental. Candidate also is recommended to have basic knowledge on bash scripting and Linux OS basic CLI command.





Day 1 : Modules

1

**Introduction of
DevSecOps**

2

**DevSecOps & Shift-Left
Core Principle**

**Software Component
Analysis (SCA) in CI/CD
Pipeline**

3

**Static Analysis (SAST) in
CI/CD Pipeline**

4

Day 1 : Modules Details

Introduction of DevSecOps

- What is DevSecOps?
- The need for DevOps & DevOps
- Benefit of DevSecOps?

DevSecOps & Shift-Left Core Principle

- What is Shift-Left Approach?
- Tool of Trade in DevSecOps
- Secure SDLC and CI/CD Pipeline.
- DevSecOps Maturity Model.

Software Component Analysis (SCA) in Pipeline

- What is SCA?
- Objective
- SCA Toolchain
- Demo & Lab

Static Analysis(SAST) in CICD Pipeline

- What is SAST?
- Objective
- SAST Toolchain
- Demo & Lab



Day 2 : Modules

5

**Dynamic Analysis (DAST)
in CI/CD Pipeline**

6

Automation For Security

Compliance As a Code

7

**Vulnerability
Management Tools**

8

Day 2 : Modules Details

Dynamic Analysis(SAST) in CI/CD Pipeline

- What is DAST?
- Objective
- DAST Toolchain
- Demo & Lab

Automation for Security CI/CD Pipeline

- What is Infrastructure As a Code(IaC)?
- Benefit of Automation in Secure Pipeline.
- Ansible for Automation

Compliance As a Code

- Why Compliance As a Code?
- Method to handle compliance
- Inspec, Audit Framework

Vulnerability Management Tool

- Why need Vulnerability Management
- Method to handle Vulnerability Management.
- OWASP Defect Dojo



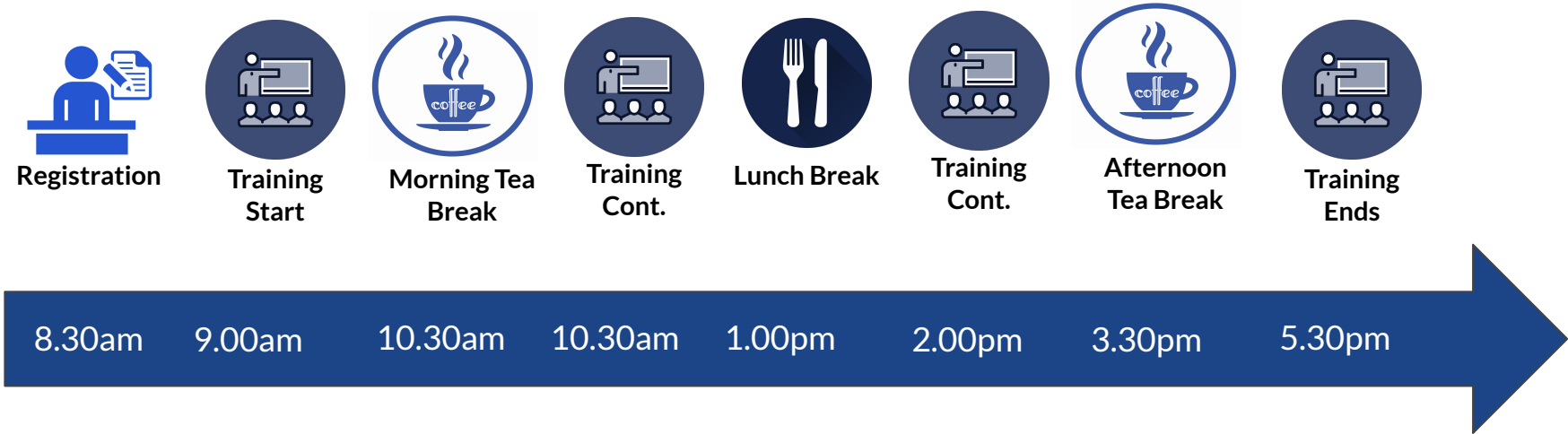
Training Type & Training Material

Due to Covid-19 pandemic, we concern health of our client, hence we offer two(2) types of training;

1. Face-to-Face Training(OnSite)
 2. Video Call/Conference/Meeting;
 - a. Google Meet.
 - b. Microsoft Team.
 - c. Skype.
- Unlimited time access for DevSecOps Workshop Training material, slide, PDF, video, etc.
 - One-off free DevSecOps Gap- Analysis.
 - Free DevSecOps Capability Assessment Report.



Training Timing



Trainer Profile : Najib Radzuan

- He was Developer.
- He become IT Operation.
- Finally become DevOps Engineer.
- Had more than 5 years experience in DevOps domain works.
- He also certified DevOps Leader and DevSecOps Professional
- Najib Radzuan an expert in DevOps & DevSecOps adoption
- As DevOps Ambassador and he has written some blog content and joined several events as Speaker.



DevOps Leader (DOL)®





Pricing

Individual / Single

RM 3K


Certificate of Completion
Unlimited Access time to Training Materials
Free DevSecOps Capability Assessment
Report

Group (5 Packs)

RM 10K

Discounted RM5K
Certificate of Completion
Unlimited Access time to Training Materials
Free DevSecOps Capability Assessment
Report

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Thank You

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