# IBM Cloud DevSecOps v2 Specialty

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# Online Course

# Course Modules

**1. DevSecOps Fundamentals**
- Define DevSecOps
- Identify DevSecOps benefits and best practices
- Describe business and IT drivers of DevSecOps
- Define continuous integration and continuous deployment
- Describe Collaborative Development
- Identify DevSecOps best practices
- Identify barriers to DevSecOps adoption

**2. Deployment Strategies**
- Describe the use of delivery pipelines in DevSecOps
- Describe the IBM Continuous Delivery Toolchain
- Identify common toolchain tools & templates used in DevSecOps
- Describe DevSecOps testing strategies
- Recognize the role of Vulnerability Advisor in toolchain testing
- Identify the use of Code Risk Analyzer (CRA)
- Differentiate the canary, blue/green, & rolling deployment models
- Recommend tools for continuous integration toolchains
- Identify advantages of migrating from a traditional mainframe
- Identify how to enable continuous delivery for IBM Schematics

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## 3. Evidence Collections and Audit Readiness

- Explain the role of evidence collectn & provenance in DevSecOps
- Describe emergng standards in evidence collection & provenance
- Recognize the ways in which Security & Compliance Center (SCC)
- Leverage DevOps Insights to capture security incidents
- Leverage DevOps Insights to measure DevSecOps

## 4. Infrastructure as Code

- The use of Infrastructure as Code (IaC) in DevSecOps practice
- The role of IBM Cloud Schmatcs & Terraform in automatd deploy
- Identify considerations when executing Ansible playbooks to run

## 5. DevSecOps Functional Operations

- The fundamental attributes & tools of continuous compliance
- Identify incident management tools
- Select the IBM solutions for the Manage phase
- Differentiate the use of logging, monitoring, & event managemnt

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## LEARN REMOTELY!!

The efficiency of online learning
in terms of time management,
flexibility, and the ability
to access resources anytime,
anywhere can be compelling.

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