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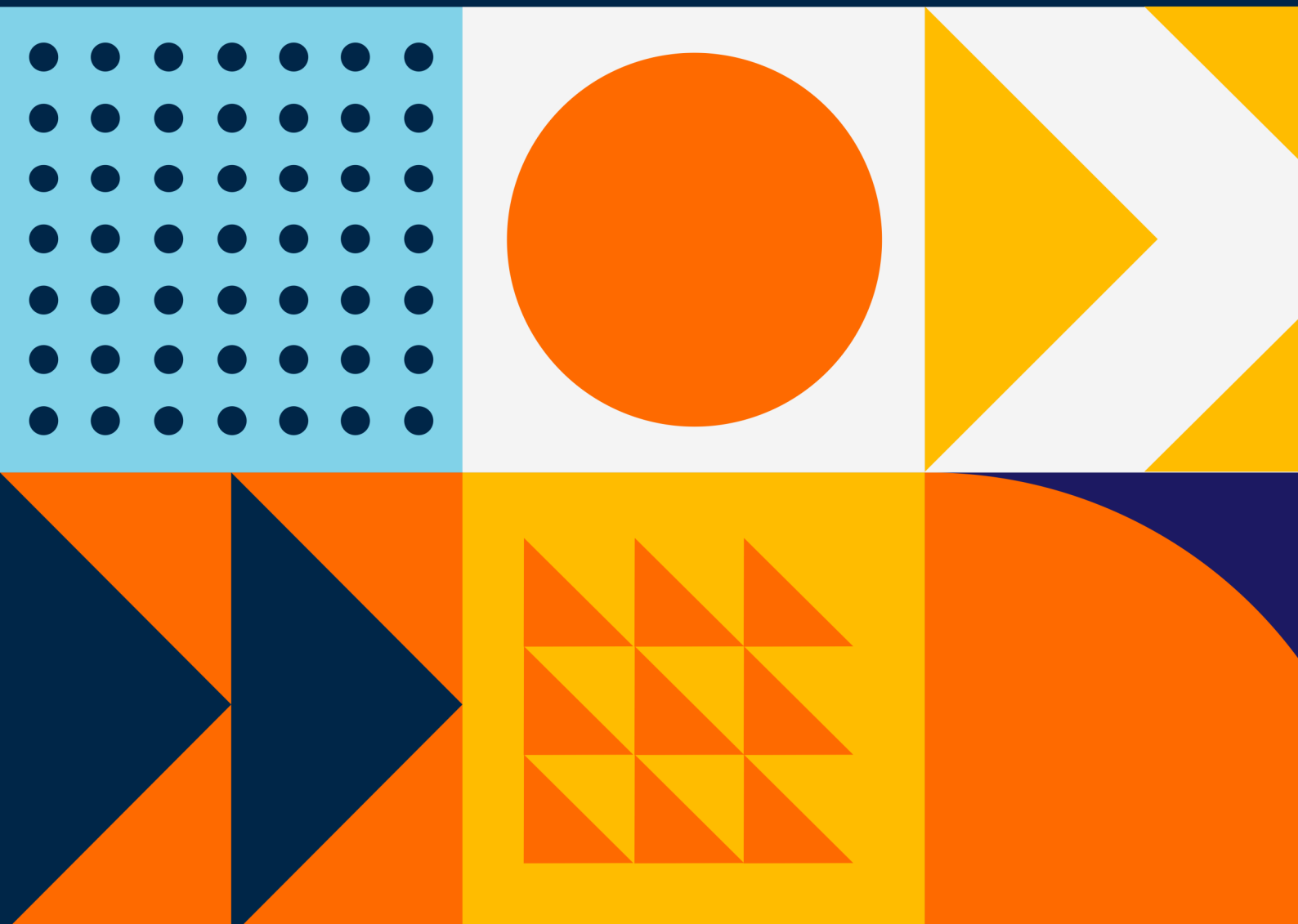# We do IT
to inspire.

Agile, Scrum & DevOps:

DevSecOps Foundation (DSOF)
Certification Training

who we are.

Averest is one of the leading and fast-growing companies specialising in Information Technologies, Cyber Security, Cloud Computing, DevOps, Artificial Intelligence, Agile and Scrum, and Project Management, which is based in the United Kingdom and Turkey. Averest provides high-quality tech-accredited training and business solutions to its clients on these topics and more.

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DevSecOps Foundation (DSOF) Certification Training

Overview

The DevSecOps Foundation training teaches how to integrate security programs from developers and operators to the corporate C-level. Every stakeholder has a role to play, and the learning material emphasizes how professionals can use these tools as the primary means of protecting the organization and its customers through a variety of case studies, video presentations, discussion options, and exercise material to maximize learning value. These real-life experiences provide practical insights that participants may apply when they return to the office. This course prepares students to take the DevSecOps Foundation test.

What You Will Learn?

- Explain the objective, advantages, concepts, and terminology associated with DevSecOps.

- Define DevOps security techniques apart from existing security strategies.

- Focus on Security Strategies Driven by Business

- Utilise data and safety sciences

- Security Testing with Red and Blue Teams Provides Benefits

- Integrate security into workflows for Continuous Delivery.

- Integrate DevSecOps responsibilities into a DevOps company and culture.

Course Key Features

- Pre-course consultation

- Exam voucher included

- Access to DevOps Institute additional sources of information and communities

- Real-Life case studies are weaved throughout the course

Eligibility

Anyone involved or interested in learning about DevSecOps strategies and automation Anyone involved in Continuous Delivery toolchain architectures Compliance Team Business managers Delivery Staff DevOps Engineers IT Managers IT Security Professionals, Practitioners, and Managers Maintenance and support staff Managed Service Providers Project & Product Managers Quality Assurance Teams Release Managers Scrum Masters Site Reliability Engineers Software Engineers Testers

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DevSecOps Foundation (DSOF) Certification Training

Program Outline

Why DevSecOps?

- Key Terms and Concepts
- Why DevSecOps is important
- 3 Ways to Think About DevOps+Security
- Key Principles of DevSecOps

Culture and Management

- Key Terms and Concepts
- Incentive Model
- Resilience
- Organizational Culture
- Generativity
- Erickson, Westrum, and LaLoux

Strategic Considerations

- Key Terms and Concepts
- How Much Security is Enough?
- Threat Modeling
- Context is Everything
- Risk Management in a High-velocity World

General Security ConsiderationsModule 5

- Avoiding the Checkbox Trap
- Basic Security Hygiene
- Architectural Considerations
- Federated Identity
- Log Management

Identity & Access Management (IAM)

- Key Terms and Concepts
- IAM Basic Concepts
- Why IAM is Important

Operational Security

- Key Terms and Concepts
- Basic Security Hygiene Practices
- Role of Operations Management

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DevSecOps Foundation (DSOF) Certification Training

- Implementation Guidance
- Automation Opportunities
- How to Hurt Yourself with IAM

- The Ops Environment

Governance, Risk, Compliance (GRC) and Audit

- Key Terms and Concepts
- What is GRC?
- Why Care About GRC?
- Rethinking Policies
- Policy as Code
- Shifting Audit Left
- 3 Myths of Segregation of Duties vs DevOps

Logging, Monitoring and Response

- Key Terms and Concepts
- Setting Up Log Management
- Incident Response and Forensics
- Threat Intelligence and Information Sharing

DevSecOps Foundation (DSOF) Certification Training

Program Schedule

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