Agile Training: Mastering Security in DevOps (SECDEVOPS) (SECDEVOPS, 4 jours)

Description

The agile training course Mastering Security in DevOps (Agile Training) is a complete study of the challenges associated with securing products that are developed using agile methods. Starting with a discussion of those challenges, the course discusses the difference between the application development context and the operational reality of every day software management. The training discusses concrete ways to inject security into a DevOps environment. Included in the discussion is a complete exploration of threat and risk management, the definition and adoption of standardized operational processes as well as techniques to effectively implement continuous integration and proper security audits.

Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

About DevOps and security

  Projects and Processes: Development vs Production

  Discussion: Delivering Secure Software through Continuous Delivery

  Security and Compliance Challenges and Constraints in DevOps

The Art of Processes and Risk Management

  Defining Key Terms: APTs, Threats, Assets, And Vulnerabilities

  About Risk Management and the Risk Model

  Using the Diamond Model to Perform Risk Analysis

  Applying the Risk Model to Prioritize Risks

  Managing Risks Proactively: Effective Risk Management

  The Importance of Process: Essential Definitions

  The Key Role of Configuration Management and Change Management

  About Incident and Problem Management

  Putting It All Together

Getting Started

  Where's the Design?

  Eliminating Waste and Delays

  It's in the Cloud

  Microservices and Containers

  Separation of Duties in DevOps

  Change Control

Injecting Security into DevOps

  An Overall Security Approach

  OWASP Proactive Controls

  Implementing Secure by Default

  Making Security Self-Service

  Infrastructure Considerations

  Iterative, Incremental Change to Contain Risks

  Why Continuous Delivery can be an Advantage

Security Tools and Practices

  Continuous Delivery