

Cloud Application Security in Python for AWS (CASEC-PAWS)

ID CASEC-PAWS Price on request Duration 5 days

Who should attend

Python developers working on Web applications and AWS

Prerequisites

General Python and Web development

Course Objectives

- Getting familiar with essential cyber security concepts
- Understand cloud security specialties
- Understanding Web application security issues
- Detailed analysis of the OWASP Top Ten elements
- Putting Web application security in the context of Python
- Going beyond the low hanging fruits
- Managing vulnerabilities in third party components
- Learn to deal with cloud infrastructure security
- Identify vulnerabilities and their consequences
- Learn the security best practices in Python
- Input validation approaches and principles
- Understanding how cryptography can support application security
- Learning how to use cryptographic APIs correctly in Python

Course Content

- Cyber security basics
- The OWASP Top Ten
- Cloud infrastructure security
- API security
- XML security
- JSON security
- Denial of service
- Cryptography for developers
- Wrap up

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Training Centres worldwide



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