Security Engineering on AWS

Varighed: 3 Days   Kursus Kode: GK3338   Version: 2.4.4   Leveringsmetode: Virtuel deltagelse

Beskrivelse:

Security Operations on AWS demonstrates how to efficiently use AWS security services to stay secure and compliant in the AWS cloud. The course focuses on the AWS-recommended security best practices that you can implement to enhance the security of your data and systems in the cloud. The course highlights the security features of AWS key services including compute, storage, networking, and database services. This course also refers to the common security control objectives and regulatory compliance standards and examines use cases for running regulated workloads on AWS across different verticals, globally. You will also learn how to leverage AWS services and tools for automation and continuous monitoring—taking your security operations to the next level.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Målgruppe:

This course is intended for:
Security engineers
Security architects
Security analysts
Security auditors
Individuals who are responsible for governing, auditing, and testing an organization's IT infrastructure, and ensuring conformity of the infrastructure to security, risk, and compliance guidelines

Agenda:

- This course teaches you how to:

- Assimilate and leverage the AWS shared security responsibility model.

- Mange user identity and access management in the AWS cloud.

- Use AWS security services such as AWS Identity and Access Management, Amazon Virtual Private Cloud, AWS Config, AWS CloudTrail, AWS Key Management Service, AWS CloudHSM, and AWS Trusted Advisor.

- Implement better security controls for your resources in the AWS cloud.

- Manage and audit your AWS resources from a security perspective.

- Monitor and log access and usage of AWS compute, storage, networking, and database services.

- Assimilate and leverage the AWS shared compliance responsibility model.

- Identify AWS services and tools to help automate, monitor, and manage security operations on AWS.

- Perform security incident management in the AWS cloud.

Forudsætninger:

We recommend that attendees of this course have the following prerequisites:

- Attended AWS Security Fundamentals

Test og certificering

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- Experience with governance, risk, and compliance regulations and control objectives
- Working knowledge of IT security practices
- Working knowledge of IT infrastructure concepts

Indhold:

This course covers the following concepts:

Day 1

- Introduction to Cloud Security
- Security of the AWS Cloud
- Cloud Aware Governance and Compliance

Identity and Access Management

Day 2

- Securing AWS Infrastructure Services
- Securing AWS Container Services
- Securing AWS Abstracted Services

Using AWS Security Services

Day 3

- Data Protection in the AWS Cloud
- Building Compliant Workloads on AWS—Case Study
- Security Incident Management in the Cloud

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

training@globalknowledge.dk

www.globalknowledge.com/da-dk/

Global Knowledge, Stamholmen 110, 2650 Hvidovre