

Professional Cloud Security Manager

Course Description:

Secure Ninja's Professional Cloud Security Manager 3-day certification and training boot camp aim to explore concepts related to security, risk, and compliance. This course provides an overview of a different side of security and teaches candidates how to protect assets within an enterprise cloud computing environment. Organizations can also benefit from this course because it enables participants to apply fundamental security measures to protect customer information.

The Professional Cloud Security Manager course provides a hands-on, practical approach to understanding how cloud computing and cloud-based services impact operational processes. It also teaches candidates how to design and deliver better cloud solutions. Professional Cloud Security Manager is an advanced level certification and is recommended for anyone who is interested in a management position in the IT field.

Why take Professional Cloud Security Manager?

This course is dedicated towards anyone who is looking to take the next step in their cloud computing career. This course teaches candidates how to react to certain scenarios and provides all the necessary knowledge needed to successfully manage or lead a team of experts. This course is highly essential to anyone who is inquiring to move up in an organization, or for anyone who works in cloud security.

Course Objectives:

At the end of this course students will be able to:

- Explain what it takes to secure the different cloud computing services and deployment models.
- Explain design security regarding the cloud infrastructure, configurations, and applications running within a cloud computing environment.
- Explain, apply, and analyze how to manage access to cloud computing resources using accounts, users, and groups.
- Explain, apply, and analyze the ways of securing data, operating systems, and applications and overall infrastructure within the cloud.

Course Outline

The Professional Cloud Security Manager is a 3-day course and it consists of 8 unique modules:

1. Course Introduction
2. Cloud Computing: Security, Risks, and Governance
3. Physical and Operations Security: A Shared Responsibility
4. Security Management Controls in Cloud Computing
5. Legal, Contractual, and Operational Monitoring in the Cloud
6. Network Security Management in the Cloud
7. Business Continuity, Disaster Recovery, and Capacity/ Performance Planning

8. Advanced Cloud Security Management Practices

Topics Covered

- Cloud computing basics
- Information security management
- IT governance
- Cloud Computing Security
- Data protection
- Identity and access management
- Data security lifecycle
- Forensics in the cloud
- Security operations in the cloud
- Cloud security architecture
- Vulnerability Management
- Business Continuity
- Disaster recovery
- Capacity and performance planning for the cloud

Courseware

Official Professional Cloud Security Manager coursebook

Pre-requisites

There are no required pre-requisites for this course; however, a strong understanding of cloud technology and cloud security is recommended.

Exam Info

Exam: Cloud Credential Council Professional Cloud Security Manager Exam

Duration: 75 minutes (1 hour and 15 minutes)

Number of Questions: 25 multiple-choice questions