



CISCO TRAINING

Securing Cloud Deployments with Cisco Technologies

Master securing cloud deployments with Cisco technologies. Protect your organization's vital cloud infrastructure effectively.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level course, "Securing Cloud Deployments with Cisco Technologies," provides IT professionals with essential knowledge and practical skills to protect their cloud infrastructure and applications using Cisco's comprehensive security solutions. In today's dynamic threat landscape, organizations are increasingly migrating to cloud environments, making robust security a paramount concern. This course specifically addresses the unique challenges of securing public, private, and hybrid cloud deployments, emphasizing Cisco's best practices and technology integrations.

Participants will explore key Cisco security platforms and tools designed for cloud environments, learning how to implement secure network architectures, manage access controls, detect advanced threats, and ensure data privacy and compliance within cloud ecosystems. The curriculum delves into topics such as cloud security policies, threat intelligence, secure connectivity, and incident response, all within the context of Cisco's integrated security framework. Upon completion, you will be equipped to understand and contribute to the design and implementation of secure cloud deployments, significantly enhancing your organization's security posture and resilience against cyber threats. This specialization not only validates your expertise in a critical domain but also opens doors to advanced roles focused on cloud security architecture and operations.

Duration	2 hours
Level	Intermediate
Vendor	Cisco

COURSE CURRICULUM

01 Module 1: Introduction to Cloud Security and Cisco's Vision

- Understanding the Cloud Shared Responsibility Model
- Key Cloud Security Challenges (Visibility, Compliance, Data Protection)
- Overview of Cisco's Holistic Cloud Security Strategy
- Introduction to Zero Trust principles in the cloud

02 Module 2: Securing Cloud Connectivity and Access with Cisco Technologies

- Leveraging Cisco Umbrella for Cloud Application Security & DNS Protection
- Implementing Secure Connectivity to Cloud (e.g., VPNs, Direct Connect with Cisco Firewalls)
- Identity and Access Management (IAM) best practices in cloud environments
- Protecting IaaS workloads with Cisco Secure Firewall Cloud Native concepts

03 Module 3: Cloud Threat Detection, Response, and Compliance

- Utilizing Cisco SecureX for Integrated Cloud Security Operations
- Monitoring Cloud Workloads and Applications for Threats and Anomalies
- Data Protection and Compliance Considerations in Cloud Deployments
- Principles of Cloud Security Posture Management (CSPM) with Cisco

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

> Cloud Security Engineer

- > Cisco Network & Cloud Security Specialist
- > Hybrid Cloud Architect (with Security Focus)

FREQUENTLY ASKED QUESTIONS

Q: What specific Cisco security products will I gain hands-on experience with in this course, relevant to cloud environments?

This 2-hour course primarily focuses on the strategic application and conceptual understanding of how Cisco's security portfolio addresses cloud challenges. While direct hands-on lab exercises are not a primary component, you will learn about the capabilities and integration points of key Cisco solutions such as Cisco Umbrella for cloud-delivered security, Cisco Secure Firewall Cloud Native for IaaS protection, and Cisco SecureX for unified visibility and orchestration across cloud and on-premises environments.

Q: Is prior experience with Cisco networking or cloud platforms a prerequisite for this course?

While this course is designed for an intermediate level, a foundational understanding of basic networking concepts and familiarity with general cloud computing principles (such as those of AWS, Azure, or GCP) will be highly beneficial. Prior exposure to Cisco networking devices or security concepts is helpful but not strictly required, as the course will frame Cisco technologies within the context of cloud security challenges.

Q: How does this course enhance my ability to design and implement secure hybrid cloud architectures?

This course specifically addresses the challenges of securing both public and private cloud components, providing insights into how Cisco technologies bridge these environments. You will learn strategies for consistent security policies, identity management, and threat intelligence sharing across on-premises and cloud infrastructures, enabling you to understand and contribute to the design and implementation of resilient hybrid cloud security architectures.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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