BLACKBIRD FOR TRAINING

Security, compliance, and Identity Fundamentals SC 900

18 – 22 July 2027
Online

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Introduction

In an age where digital systems shape nearly every aspect of business operations and daily life, the need for strong security, regulatory compliance, and effective identity management has become more important than ever. The SC-900: Security, Compliance, and Identity Fundamentals course is a comprehensive one-week training program designed to provide participants with a clear understanding of these essential areas and how they work together to protect organizations in today's digital environment.

This course is ideal for individuals who want to begin their journey in cybersecurity or strengthen their foundational knowledge of security, compliance, and identity concepts. It introduces the core principles behind cybersecurity defense, data protection, privacy regulations, and identity and access management, while also preparing participants to understand the value and structure of the SC-900 certification. Through a practical and structured approach, participants will build the confidence needed to navigate security challenges and support secure digital operations.

Course Objectives

By completing the SC-900 course, participants will be able to:

- Understand the core concepts of security, compliance, and identity in modern digital environments.
- Recognize common cybersecurity threats and apply basic defense and protection strategies.
- Explore major compliance frameworks and understand their role in protecting privacy and data.
- Understand the fundamentals of Identity and Access Management IAM, including authentication, authorization, and governance.
- Identify key tools and technologies used in security, compliance, and identity management.
- Apply best practices for protecting sensitive information, digital assets, and user identities.
- Understand the importance of data privacy laws and regulatory requirements.
- Develop awareness of how organizations create and enforce effective security policies and procedures.



Course Outlines

Day 1: Introduction to Security, Compliance, and Identity

- Understand the modern digital landscape and the growing importance of cybersecurity.
- Explore the relationship between security, compliance, and identity in organizational success.
- Review the key domains covered in the SC-900 certification.
- Identify the main security and compliance challenges facing modern organizations.
- Understand the career relevance and practical value of SC-900 knowledge in today's market.

Day 2: Security Fundamentals

- Identify the most common types of cybersecurity threats, attacks, and vulnerabilities.
- Explore core security principles such as confidentiality, integrity, and availability.
- Understand key defense strategies used to protect systems, networks, and data.
- Learn the basics of encryption, data classification, and information protection.
- Examine the role of proactive monitoring and risk reduction in cybersecurity.

Day 3: Compliance Frameworks and Regulations

- Understand the purpose of compliance frameworks and why they matter to organizations.
- Explore major regulations such as GDPR, HIPAA, and other global privacy standards.
- Examine the relationship between compliance, risk management, and business operations.
- Review how organizations implement controls to meet legal and regulatory requirements.
- Analyze real-world examples of compliance challenges and how they are addressed.

Day 4: Identity and Access Management IAM

- Understand the fundamentals of identity and access management and its role in security.
- Learn how authentication and authorization control access to systems and data.
- Explore identity governance concepts and the management of user roles and permissions.
- Review best practices for protecting user identities and reducing access-related risks.
- Understand the importance of Zero Trust principles and secure access strategies.

Day 5: Security Tools and Best Practices

- Review the essential tools and technologies used in security, compliance, and identity management.
- Explore how organizations use dashboards, alerts, and automated controls to strengthen security.
- Apply best practices for protecting sensitive data and managing digital risks in real-world scenarios.
- Understand how to build a culture of security awareness across teams and departments.
- Prepare for the SC-900 exam by reviewing core concepts, sample scenarios, and success strategies.



Why Attend This Course: Wins & Losses!

- Strong Foundational Knowledge: Build a solid understanding of security, compliance, and identity concepts.
- Certification Preparation: Gain the knowledge needed to approach the SC-900 exam with greater confidence.
- Career Development: Strengthen your qualifications for entry-level cybersecurity and compliance roles.
- Practical Awareness: Learn how security and compliance principles apply in real organizational settings.
- Industry-Relevant Skills: Develop familiarity with the terminology, tools, and practices used in modern digital security environments.

Conclusion

The SC-900: Security, Compliance, and Identity Fundamentals course is an excellent starting point for anyone who wants to build a career in cybersecurity or gain a stronger understanding of how organizations protect their systems, data, and users. It provides a practical foundation in essential areas such as threat awareness, compliance requirements, privacy principles, and identity management, while also supporting readiness for the SC-900 certification exam.

By the end of the course, participants will have a clearer understanding of the digital security landscape, the importance of compliance and identity governance, and the best practices needed to support secure and responsible operations. Whether you are entering the cybersecurity field or expanding your current knowledge, this course provides the right foundation to move forward with confidence and professional value.

