

## SC-200: Microsoft Security Operations Analyst

- **Formato do curso:** Presencial e Live Training
- **Preço:** 1510€
- **Duração:** 28 horas

**Learn how to investigate, respond to, and hunt for threats using Microsoft Azure Sentinel, Azure Defender, and Microsoft 365 Defender.**

In this course you will learn how to mitigate cyberthreats using these technologies. Specifically, you will configure and use Azure Sentinel as well as utilize Kusto Query Language (KQL) to perform detection, analysis, and reporting. The course was designed for people who work in a Security Operations job role and helps learners prepare for the exam SC-200: Microsoft Security Operations Analyst.

### Destinatários

The Microsoft Security Operations Analyst collaborates with organizational stakeholders to secure information technology systems for the organization. Their goal is to reduce organizational risk by rapidly remediating active attacks in the environment, advising on improvements to threat protection practices, and referring violations of organizational policies to appropriate stakeholders. Responsibilities include threat management, monitoring, and response by using a variety of security solutions across their environment. The role primarily investigates, responds to, and hunts for threats using Microsoft Sentinel, Microsoft Defender for Cloud, Microsoft 365 Defender, and third-party security products. Since the Security Operations Analyst consumes the operational output of these tools, they are also a critical stakeholder in the configuration and deployment of these technologies.

### Pré-requisitos

- Basic understanding of Microsoft 365
- Fundamental understanding of Microsoft security, compliance, and identity products
- Intermediate understanding of Windows 10
- Familiarity with Azure services, specifically Azure SQL Database and Azure Storage
- Familiarity with Azure virtual machines and virtual networking
- Basic understanding of scripting concepts.

# Objetivos

- Analyze threat data across domains and rapidly remediate threats with built-in orchestration and automation in Microsoft 365 Defender
  - Implement the Microsoft Defender for Endpoint platform to detect, investigate, and respond to advanced threats
  - Use Microsoft Defender for Cloud, for Azure, hybrid cloud, and on-premises workload protection and security
  - Write Kusto Query Language (KQL) statements to query log data to perform detections, analysis, and reporting in Microsoft Sentinel
  - Configure Microsoft Sentinel workspace
  - Connect data at cloud scale across all users, devices, applications, and infrastructure, both on-premises and in multiple clouds to Microsoft Sentinel
  - Detect previously uncovered threats and rapidly remediate threats with built-in orchestration and automation in Microsoft Sentinel
  - Proactively hunt for security threats using the Microsoft Sentinel powerful threat hunting tools
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# Programa

## **Mitigate threats using Microsoft Defender for Endpoint**

- Introduction to Microsoft 365 threat protection
- Mitigate incidents using Microsoft 365 Defender
- Protect your identities with Azure AD Identity Protection
- Remediate risks with Microsoft Defender for Office 365
- Safeguard your environment with Microsoft Defender for Identity
- Secure your cloud apps and services with Microsoft Defender for Cloud Apps
- Respond to data loss prevention alerts using Microsoft 365
- Manage insider risk in Microsoft Purview

## **Mitigate threats using Microsoft Defender for Endpoint**

- Protect against threats with Microsoft Defender for Endpoint
- Deploy the Microsoft Defender for Endpoint environment
- Implement Windows security enhancements with Microsoft Defender for Endpoint
- Perform device investigations in Microsoft Defender for Endpoint
- Perform actions on a device using Microsoft Defender for Endpoint
- Perform evidence and entities investigations using Microsoft Defender for Endpoint
- Configure and manage automation using Microsoft Defender for Endpoint
- Configure for alerts and detections in Microsoft Defender for Endpoint
- Utilize Vulnerability Management in Microsoft Defender for Endpoint

## **Mitigate threats using Microsoft Defender for Cloud**

- Plan for cloud workload protections using Microsoft Defender for Cloud

- Connect Azure assets to Microsoft Defender for Cloud
- Connect non-Azure resources to Microsoft Defender for Cloud
- Manage your cloud security posture management
- Explain cloud workload protections in Microsoft Defender for Cloud
- Remediate security alerts using Microsoft Defender for Cloud

### **Create queries for Microsoft Sentinel using Kusto Query Language (KQL)**

- Construct KQL statements for Microsoft Sentinel
- Analyze query results using KQL
- Build multi-table statements using KQL
- Work with data in Microsoft Sentinel using Kusto Query Language

### **Configure your Microsoft Sentinel environment**

- Introduction to Microsoft Sentinel
- Create and manage Microsoft Sentinel workspaces
- Query logs in Microsoft Sentinel
- Use watchlists in Microsoft Sentinel
- Utilize threat intelligence in Microsoft Sentinel

### **Connect logs to Microsoft Sentinel**

- Connect data to Microsoft Sentinel using data connectors
- Connect Microsoft services to Microsoft Sentinel
- Connect Microsoft 365 Defender to Microsoft Sentinel
- Connect Windows hosts to Microsoft Sentinel
- Connect Common Event Format logs to Microsoft Sentinel
- Connect syslog data sources to Microsoft Sentinel
- Connect threat indicators to Microsoft Sentinel

### **Create detections and perform investigations using Microsoft Sentinel**

- Threat detection with Microsoft Sentinel analytics
- Automation in Microsoft Sentinel
- Threat response with Microsoft Sentinel playbooks
- Security incident management in Microsoft Sentinel
- Identify threats with Behavioral Analytics
- Data normalization in Microsoft Sentinel
- Query, visualize, and monitor data in Microsoft Sentinel
- Manage content in Microsoft Sentinel

### **Perform threat hunting in Microsoft Sentinel**

- Explain threat hunting concepts in Microsoft Sentinel
- Threat hunting with Microsoft Sentinel
- Use Search jobs in Microsoft Sentinel
- Hunt for threats using notebooks in Microsoft Sentinel

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Ao concluir com aproveitamento esta formação, cumprindo a percentagem mínima de 70% de assiduidade e após avaliação ao curso, o formando poderá receber o seu Certificado Microsoft de conclusão e o badge digital para partilhar com a sua rede profissional online.