BLACKBIRD FOR TRAINING

Microsoft Certified: Security Operations Analyst Associate

Kuala Lumpur (Malaysia)

6 - 10 October 2025

UK Traininig

PARTNER

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Microsoft Certified: Security Operations Analyst Associate

Code: IT28 From: 6 - 10 October 2025 City: Kuala Lumpur (Malaysia) Fees: 4900 Pound

Introduction

The Microsoft Certified: Security Operations Analyst Associate course is designed for IT professionals aiming to enhance their skills in managing and securing an organization's cybersecurity infrastructure. As a Security Operations Analyst Associate, you will play a pivotal role in safeguarding sensitive data, identifying security threats, and ensuring robust operational security within your organization. This comprehensive 5-day course not only provides foundational knowledge but also equips you with hands-on experience necessary for achieving the Microsoft Certified Security Operations Analyst Associate certification.

Course Objectives

- Understand the fundamentals of security operations analysis and its critical importance in protecting organizational assets, thereby addressing questions like "What is operational security?" and providing a clear operation security definition.
- Demonstrate proficiency in configuring and using Microsoft Sentinel to detect, investigate, and respond to security incidents, an essential skill for any security operations analyst associate.
- Gain expertise in threat intelligence and threat hunting, enabling proactive identification of security threats within the cybersecurity landscape.
- Master Azure Defender for protecting cloud workloads and resources, ensuring your organization's cybersecurity operational technology is fortified against threats.
- Learn to create and manage security alerts, conduct thorough investigations, and develop effective incident response plans, emphasizing security operations best practices.
- Acquire skills to analyze security data, perform security assessments, and implement essential operational security management techniques.
- Prepare thoroughly for the Microsoft Certified: Security Operations Analyst Associate certification exam, ensuring you are ready to excel in the cybersecurity field.

Course Outlines

Day 1: Security Operations Fundamentals

- Introduction to security operations analysis and its relevance in global operations security.
- The role and responsibilities of a Security Operations Analyst.
- Understanding various types of security operations center and the associated cybersecurity threats and risks.
- Basics of security incident handling and response.
- Overview of Microsoft Sentinel and its capabilities in managing security incidents.

Day 2: Microsoft Sentinel and Threat Detection

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- Configuring and using Microsoft Sentinel effectively.
- Log collection and analysis techniques to detect security incidents.
- Investigating and responding to alerts, enhancing your cybersecurity security operations.
- Case management and incident tracking processes.

Day 3: Threat Intelligence and Threat Hunting

- The importance of threat intelligence in the security operations process.
- Proactive threat-hunting techniques to stay ahead of potential threats.
- Utilizing threat intelligence to enhance security operations, including advanced detection methods in Microsoft Sentinel.

Day 4: Azure Defender for Cloud Security

- An introduction to Azure Defender and its security features.
- Securing cloud workloads and resources against emerging threats.
- Techniques for monitoring and protecting Azure environments.

Day 5: Security Assessment and Incident Response

- Creating and managing security alerts for effective incident management.
- Analyzing security data for critical insights and assessments.
- Conducting security assessments and managing vulnerabilities.
- Developing and executing incident response plans, preparing you for real-world applications.

By completing this course, you will gain a comprehensive understanding of operational security, specifically tailored for today's cybersecurity challenges. Whether you're exploring a maritime security operative course or focusing on operating system security, this program is designed to empower you with the necessary skills and knowledge to thrive in a Security Operations Center SOC environment.

Embark on your journey to becoming a proficient Security Operations Analyst Associate and take the first step toward safeguarding your organization's digital assets.

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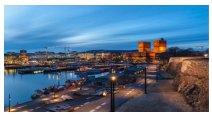
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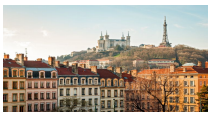
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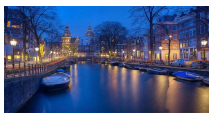
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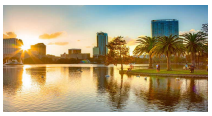
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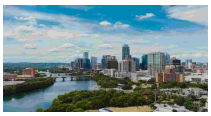
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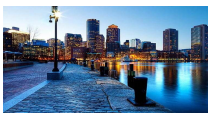
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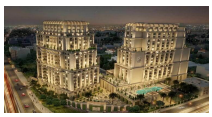
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