FortiSIEM 7.4 Analyst

Duration: 3 days

COURSE DESCRIPTION

In this course, you will learn how to use FortiSIEM to search, enrich, and analyze events from customers in a managed security service provider (MSSP) organization. You will learn how to perform real-time and historical searches, and build advanced queries. You will also learn how to perform analysis and remediation of security incidents using traditional and machine learning (ML)assisted methods.

COURSE OBJECTIVES

After completing this course, you will be able to:

- Describe how FortiSIEM solves common cybersecurity challenges
- Describe the main components and the unique database architecture on FortiSIEM
- Perform real-time and historical searches
- Define structured search operators and search conditions
- Reference the CMDB data in structured searches
- Configure display fields and columns
- Build queries from search results and events
- Build nested queries and lookup tables
- Build rule subpatterns and conditions
- Manage and tune incidents
- Resolve an incident
- Create time-based and pattern-based clear conditions
- Configure automation policies
- Create rules using baselines
- Analyze anomalies against baselines
- Describe the threat hunting workflow
- Analyze threat hunting dashboards
- Describe FortiSIEM ML modes and algorithms
- Describe how to train an ML model perform an analysis using a ML model
- Describe the benefits of deploying FortiSIEM UEBA
- Configure tags, rules, and incidents using UEBA data
- Describe how ZTNA tags affect the FortiSIEM incident and remediation process
- Configure a ZTNA tag using FortiSIEM to remediate incidents
- Generate and export a report
- Create a custom dashboard

COURSE OUTLINE

- Introduction to FortiSIEM
- Analytics
- Nested Queries and Lookup Tables
- Rules and Subpatterns
- Incidents
- Clear Conditions and Remediation

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- Threat Hunting
- Performance Metrics and Baselines
- Machine Learning
- User and Entity Behavior Analytics
- FortiSIEM ZTNA
- Reports and Dashboards

WHO SHOULD ATTEND

Security professionals responsible for the detection, analysis, and remediation of security incidents using FortiSIEM should attend this course.

PREREQUISITES

You must have an understanding of the topics covered in the following courses, or have equivalent experience:

- FortiGate Operator
- FortiSIEM Administrator

SYSTEM REQUIREMENTS

If you take the online format of this class, you must use a computer that has the following:

- A high-speed Internet connection
- An up-to-date web browser
- A PDF viewer
- Speakers or headphones
- One of the following:
  - HTML 5 support
  - An up-to-date Java Runtime Environment (JRE) with Java plugin enabled in your web browser

You should use a wired Ethernet connection, not a Wi-Fi connection. Firewalls, including Windows Firewall or FortiClient, must allow connections to the online labs.

CERTIFICATED

NSE 6 Certified | Security Operations

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