ServiceNow Security Operations (SecOps) Fundamentals

Duration: 2 Days **Course Code: SNSOF** **Delivery Method: Company Event**

Overview:

Learn about the Security Incident Response, Vulnerability Response, and Threat Intelligence applications.
This two-day course covers the foundational topics of the ServiceNow Security Operation suite. The Security Operations Suite includes the Security Incident Response, Vulnerability Response, and Threat Intelligence applications. The Security Operations Suite provides the tools needed to manage the identification of threats and vulnerabilities within your organization as well as specific tools to assist in the management of Security Incidents.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

This course is designed for Security Operations administrators, ServiceNow administrators, and consultants who need to configure and administer ServiceNow Security Management. Additional training in ServiceNow administration, scripting, integration, and development would be helpful.

Objectives:

- A combination of lecture content and lab work helps attendees achieve the following:
- Discuss the Current State of Security
- Explain the Security Operations Maturity levels
- Describe Security Incident Response Components and Configuration
- Demonstrate the Baseline Security Incident Response Lifecycle
- Identify Security Incident Response Workflow-Based Responses
- Configure Vulnerability Assessment and Management Response tools
- Explore the ServiceNow Threat Intelligence application
- Employ Threat Sources and Explore Attack Modes and Methods
- Define Observables, Indicators of Compromise (IOC) and IoC Look Ups
- Discuss Security Operations Common Functionality
- Use Security Operations Integrations
- Demonstrate how to view and analyze Security Operations data

Prerequisites:

Students should have attended the ServiceNow Fundamentals course. In addition, students should be familiar with the ServiceNow user interface, know how to manage lists, and know how to configure users, roles, and groups.

- SNF - ServiceNow Fundamentals
- SNPI - ServiceNow Platform Implementation

Follow-on-Courses:

- SNSIRI - ServiceNow Security Incident Response (SIR) Implementation

Content:

DAY ONE

Module 1: Security Operations Overview

1.1 Current State of Security and Security Operations Maturity Levels

1.2 Introducing ServiceNow Security Operations

1.3 Essential Platform and Security Administration Concepts

Lab 1.3 Security Operations User Administration

1.4 Security Operations Common Functionality

Lab 1.4.1 Security Operations Common Functionality

Lab 1.4.2 Email Parser

Module 2: Vulnerability Response

2.1 Vulnerability Response Overview

Lab 2.1 Explore the Vulnerability Response Application

2.2 Vulnerability Classification and Assignment

Lab 2.2 Explore Vulnerable Items and Vulnerability Groups

2.3 Vulnerability Management

Lab 2.3 Vulnerability Groups (for Grouping Vulnerable Items)

2.4 Configuration Compliance

Lab 2.4 Vulnerability Remediation

DAY TWO

Module 3: Security Incident Response

3.1 Security Incident Response Overview

3.2 Security Incident Response Components and Configuration

Lab 3.2 Security Incident Response Configuration

3.3 Baseline Security Incident Response Lifecycle

Lab 3.3 Creating Security Incidents

3.4 Security Incident Response Workflow-Based Responses

Module 4: Threat Intelligence

4.1 Threat Intelligence Definition

4.2 Threat Intelligence Terminology

4.3 Threat Intelligence Toolsets

Lab 4.3.1 Review and Update an Existing Attack Mode or Method

Lab 4.3.2 Working with Indicators of Compromise (IOC) Lookups

Lab 4.3.3 Automated Lookups in Security Incidents

4.4 Trusted Security Circles

Module 5: Security Operations Integrations

5.1 Work with Security Operations

Lab 5.1 Navigating Security Operations Integrations

Module 6: Data Visualization

6.1 Understand Security Operations Monitoring and Reporting

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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