

## NEU201 v5 SUSE NeuVector 5.x Operations

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### Course Summary

#### Description

This course covers the fundamentals of container security and how to utilize SUSE NeuVector to monitor and secure the containerized applications and related services in multi-cluster environments.

#### Objectives

- Introduction to Container Security with SUSE NeuVector
- Using the SUSE NeuVector Management Console
- Configuring External Authentication and Logging for SUSE NeuVector
- Managing Supply Chain Security with SUSE NeuVector
- Managing Runtime Security with SUSE NeuVector
- Exporting SUSE NeuVector Security Reports
- Using REST API and Command Line Management with SUSE NeuVector

#### Topics

- Course Overview
- Introduction to Container Security with SUSE NeuVector
- SUSE NeuVector Management Console User Interface
- SUSE NeuVector Management Console Basic Configuration
- SUSE NeuVector 3rd Party Integration
- Supply Chain Security with SUSE NeuVector
- Runtime Security with SUSE NeuVector
- SUSE NeuVector Security Reports
- SUSE NeuVector API and Command Line Management

#### Audience

This course is designed for container security professionals as well as system operators and administrators who will be working with SUSE NeuVector and containerized security.

#### Prerequisites

Proper Linux command line skills. Understanding and working with Kubernetes are essential. Basic knowledge of OSI model helps understanding how SUSE NeuVector can be used for container protection.

#### Duration

Three days

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### Course Outline

- I. Course Overview*
- II. Introduction to Container Security with SUSE NeuVector*
  - A. Understand the Need for Container Security
  - B. Introduce Threat and Vulnerability Management
  - C. Introduce SUSE NeuVector
- III. SUSE NeuVector Management Console User Interface*
  - A. Navigate within the Management Console
- IV. SUSE NeuVector Management Console Basic Configuration*
  - A. Configure SUSE NeuVector Management Console Settings
  - B. Manage Local Users and Roles
- V. SUSE NeuVector 3rd Party Integration*
  - A. Enable Authentication from External Directories
  - B. Configure External Logging Services
- VI. Supply Chain Security with SUSE NeuVector*
  - A. Scan for Vulnerabilities
  - B. Scan for Compliance
  - C. Understand Admission Control
- VII. Runtime Security with SUSE NeuVector*
  - A. Runtime Scanning
  - B. Threat Based Controls
  - C. Zero-Trust Controls
  - D. Inspect and Manage Runtime Security with SUSE NeuVector
- VIII. SUSE NeuVector Security Reports*
  - A. Export and View SUSE Neuvector Security Reports
- IX. SUSE NeuVector API and Command Line Management*
  - A. Use REST API
  - B. Understand SUSE NeuVector Management CLI