Training: SUSE
NEU201 NeuVector Operations

TRAINING GOALS:

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.

Key Objectives

Attendees will be taught the following concepts and skills:

- 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

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.

CONSPECT:

- Course Overview
- Introduction to Container Security with SUSE NeuVector
  - Understand the Need for Container Security
  - Introduce Threat and Vulnerability Management
  - Introduce SUSE NeuVector
- SUSE NeuVector Management Console User Interface
  - Navigate within the Management Console
- SUSE NeuVector Management Console Basic Configuration
  - Configure SUSE NeuVector Management Console Settings
  - Manage Local Users and Roles

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- SUSE NeuVector 3rd Party Integration
  - Enable Authentication from External Directories
  - Configure External Logging Services
- Supply Chain Security with SUSE NeuVector
  - Scan for Vulnerabilities
  - Scan for Compliance
  - Understand Admission Control
- Runtime Security with SUSE NeuVector
  - Runtime Scanning
  - Threat Based Controls
  - Zero-Trust Controls
  - Inspect and Manage Runtime Security with SUSE NeuVector
- SUSE NeuVector Security Reports
  - Export and View SUSE Neuvector Security Reports
- SUSE NeuVector API and Command Line Management
  - Use REST API
  - Understand SUSE NeuVector Management CLI

REQUIREMENTS:

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

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by SUSE.

TRAINER:

Certified SUSE Trainer

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