

Updated on 29/11/2023

Sign up

SUSE NeuVector training: Secure your containers

2 days (14 hours)

Presentation

Our SUSE NeuVector training is aimed at system administrators and developers who want to secure their Kubernetes container environments with a comprehensive security solution. SUSE NeuVector is a container security solution that provides threat detection, compliance and protection for Kubernetes environments. In this training course, you will learn how to install SUSE NeuVector, configure security policies for your Kubernetes [container environments](#), detect threats and ensure compliance of container images. You'll also learn how to integrate SUSE NeuVector with other Kubernetes security tools to enhance the security of your container environments. As with all our training courses, this one will introduce you to the latest stable release ([v5.1.2](#) at the time of writing).

Objectives

- Installing and configuring SUSE NeuVector
- Configuring security policies for Kubernetes container environments
- Detect threats and ensure container image compliance with SUSE NeuVector
- Integrate SUSE NeuVector with other Kubernetes security tools

Target audience

- Developers
- System administrators

Prerequisites

Knowledge of Kubernetes and basic container security concepts.

SUSE NeuVector Training Program

Introduction to SUSE NeuVector

- SUSE NeuVector features
- Benefits
- Use cases
- Components
- Comparison with other container security tools
- Introduction to container safety
 - Container safety issues
 - Benefits
 - Risks
 - Safety tools

Installation

- Installation stages
- Configurations for optimum use
- Common problems
- Proposed solutions
- Installing SUSE NeuVector with other container security tools

Using SUSE NeuVector

- **Configuring** security policies
- Threat detection
- Vulnerability analysis
- Container conformity
- Managing security alerts and events

Integration

- Installing SUSE NeuVector in a Kubernetes environment
- Integration with other Kubernetes security tools
- Best practices for its use
- Advanced features
- Using SUSE NeuVector with other container platforms
 - AWS
 - Azure
 - Google Cloud Platform
- SYSLOG support
- Webhooks
- LDAP integration
- Single sign-on integration
- SAML

Advanced features

- Container analysis
- Host security audit
 - Docker Bench
 - Kubernetes CIS Benchmark
- Real-time identification and blocking
 - Network attacks
 - Packages
 - DDoS
 - DNS

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.

[Training Program Web page](#) - Appendix 1 - Training sheet

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