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Sign up

Nessus training

3 days (21 hours)

Presentation

Did you know that Nessus is the No. 1 reference for vulnerability assessment? Our Nessus training course will teach you how to use this technology designed for the modern attack surface.

During this course, you will explore several features such as [vulnerability detection](#) network mapping, automated scans and patch management.

Nessus will enable you to go beyond your IT assets by strengthening your web applications, gaining visibility of your attack surface and securing your cloud infrastructure.

Vulnerability assessment will never be simpler, more intuitive or easier with this technology. Nessus can be deployed on a wide variety of platforms to resolve all errors efficiently.

As with all our training courses, our Nessus training course will introduce you to the latest version and its new features (at the time of writing: [Nessus 10.7.2](#)).

Objectives

- Mastering Nessus deployment and configuration
- Apply best practices in IT security and vulnerability management
- Configure and manage advanced scanners and monitor their performance

Target audience

- Auditors
- System administrators

- Safety engineers

Prerequisites

- Understanding computer networks and security concepts
- Basic configuration and system administration experience

OUR NESSUS TRAINING PROGRAM

INTRODUCTION TO NESSUS

- Introducing Nessus and its position in IT security
- Release notes and new features
- System, hardware and software requirements
- SELinux policy management in Enforcing mode
- Understanding licensing requirements

DEPLOYMENT

- Nessus port configuration
- Configuring host-based firewalls
- IPv6 support and NAT limitations
- Interaction with antivirus software and security warnings

INSTALLING NESSUS

- Installation on various platforms: Linux, Windows, macOS, Raspberry Pi
- Deploying Nessus as a Docker image
- Installation validation and troubleshooting

NESSUS CONFIGURATION

- Installation of Nessus versions: Essentials, Professional, Expert, Manager
- Activation process and link with Tenable VM, Nessus Manager and Security Center
- Activation code management and plugin updates

NESSUS OFFLINE MANAGEMENT

- Offline installation and update procedures
- Updating Nessus Manager manually on an offline system
- Offline audit warehouse management

SCANS AND SCAN TEMPLATES

- Creating and managing scans
- Understanding scan results and scan policies
- Using plugins and creating custom reports
- Practical scanning exercises

WEB APPLICATION SCANS WITH NESSUS

- Introduction to Web application scanning with Nessus
- Configuring application-specific scans
- Identification of common web vulnerabilities

SCANNER CONFIGURATION AND ADVANCED SETTINGS

- LDAP server configuration with Tenable Nessus Manager
- Advanced proxy and SMTP server settings
- Using a personalized certification authority (CA)

ADVANCED MONITORING AND DEBUGGING

- Nessus scanner monitoring
- Advanced debugging techniques and packet capture
- Notification and user account management

IT SECURITY AND VULNERABILITY MANAGEMENT

- Best practices in IT security and vulnerability management
- Importance of compliance with safety standards
- Practical exercises to reinforce the application of knowledge

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 enabling 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 with regard to 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.