

# Nessus: Vulnerability Scans & Credentialed Scanning

**16 Hours**

DURATION

**5**

MODULES

**19**

TOPICS

## LEARNING OBJECTIVES

- Explain what Nessus is and describe its available versions
- Describe the vulnerability management lifecycle
- Identify Nessus architecture components including scanners and plugins
- Install and configure Nessus for first-time use
- Navigate the Nessus dashboard, scan templates and plugin libraries
- Configure scan policies and settings such as ports and plugins
- Run network scans and interpret results by risk rating
- Compare credentialed and non-credentialed scanning approaches

# 5 Modules, 19 Topics

01

## Introduction to Nessus

### TOPICS

- What is Nessus?
- **Versions of Nessus:** Nessus Essentials, Nessus Professional, Tenable.io, Tenable.sc
- Vulnerability Management and Lifecycle
- Nessus architecture and components (scanner, policies, plugins)
- Installing and setting up Nessus

02

## Basic Nessus Interface Overview

### TOPICS

- Navigating the Nessus dashboard
- Understanding scan templates, policies, and plugin libraries
- Configuring Nessus for first-time use

03

## Configuring Nessus Scans

### TOPICS

- Types of scans (basic network scan, web application scan, credentialed scans)
- Creating and managing scan policies
- Understanding scan settings (ports, plugins, performance settings)

04

## Conducting Network Scans

### TOPICS

- Running a basic network scan
- **Interpreting scan results:** vulnerabilities, risks, and remediations
- Understanding risk ratings (critical, high, medium, low)
- **Navigating scan results:** identifying high-priority vulnerabilities
- Generating Reports

05

## Credentialed vs Non-Credentialed Scanning

### TOPICS

- The difference between credentialed and non-credentialed scans
- Setting up credentials for accurate vulnerability assessment
- Using SSH, Windows credentials, and SNMP for scanning

### WHAT IS INCLUDED

## Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

### ABOUT KOENIG

## Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

### FLEXIBLE DELIVERY

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Fly-Me-A-Trainer (FMAT)

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