Nessus Vulnerability Scanner Essentials

Duration: 16 hours

Introduction to Nessus

=> 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

Basic Nessus Interface Overview

=> Navigating the Nessus dashboard

=> Understanding scan templates, policies, and plugin libraries

=> Configuring Nessus for first-time use

Configuring Nessus Scans

=> Types of scans (basic network scan, web application scan, credentialed scans)

=> Creating and managing scan policies

=> Understanding scan settings (ports, plugins, performance settings)

Conducting Network Scans

=> 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

Credentialed vs Non-Credentialed Scanning

=> The difference between credentialed and non-credentialed scans

=> Setting up credentials for accurate vulnerability assessment

=> Using SSH, Windows credentials, and SNMP for scanning