

Introduction to Cisco Tetration Analytics™ Operations and Administration (TETOPS)

ID TETOPS Preis 2.250,- € (exkl. MwSt.) Dauer 2 Tage

Kursüberblick

In this two-day course, Introduction to Cisco Tetration Analytics™ Operations and Administration, (TETOPS) will familiarize you and help you understand how The Cisco Tetration Analytics™ platform enables efficient datacenter operations by providing pervasive visibility, behavior-based application insight and migration to a zero-trust model.

Zielgruppe

The primary audience for this course is as follows:

- Channel Partners
- Systems Architects
- Network Architects
- Network Engineers
- Systems Engineers
- Administrators

Voraussetzungen

The knowledge and skills that the learner should have before attending this course are as follows:

- Familiarity with Data Center Technology
- Familiarity with Network operation
- Understanding of basic network security

Kursziele

Upon completing this course, the learner will be able to understand how Cisco Tetration Analytics™:

- Enables pervasive visibility of traffic across datacenter infrastructure

- Uses long term data retention for forensics and analysis
- Creates communication and dependencies for all applications within the datacenter
- Empowers companies to get to a whitelist policy model
- Identifies behavior deviation in real time
- Performs forensics operations

Detaillierter Kursinhalt

Module 1: Tetration Overview

- Defining and Positioning Cisco Tetration Analytics
- Telemetry
- Platform
- Intent-Based Policy
- Machine Learning
- Network Performance Monitoring and other Use Cases

Module 2: Tetration Components

- Architecture
- Data Collection
- Sensors and Agents
- Flow Collectors
- Analytics Engine
- Open Access

Module 3: Operational Concepts

- Scopes
- Tenants
- RBAC
- Annotations

Module 4: Tetration Setup and Deployment Models

- On Premise Options
- SaaS

- Tetration-V
- Installation Procedure
- Creating Scopes, Roles, and Users
- Deploy Hardware Sensors
- Deploy NetFlow Sensors
- Deploy ERSPAN Sensors

- ServiceNow
- Splunk
- Turbonomic
- Veeam
- Corvil and Extra Hop

Module 5: Software Agents

- Software Agents Overview
- Software Agents Features
- Software Agents Configuration

Module 6: Application Dependency Mapping

- Why ADM?
- Tetration Application Insight
- ADM Process
- ADM Run Results

Module 7: Cisco Tetration Analytics Policy Enforcement Overview

Module 8: Cisco Tetration Flow Search

- Results Filtered by Scope
- Searching with Conjunctions
- Flow Explore Integrated
- User Annotations

Module 9: Tetration Policy Analysis

- Enable Policy Analysis
- Live Policy Analysis
- Backdated Policy Experiments
- Quick Policy Analysis

Module 10: Tetration Apps and API

- App Store
- User Apps
- Visualize Data Sources
- Bring your own Data
- OpenAPI

Module 11: Tetration Ecosystem

- Platform Integrations
- ADCs
- FW Management Tools
- Phantom
- InfoBlox

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