

Introduction to Cisco Tetration Analytics Operations and Administration (TETOPS)

Price
\$3,295.00

Duration
2 Days

Delivery Methods
VILT, Private Group



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.

Who Should Attend

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

This class is not currently scheduled.

[Contact us and we will help you get the training you need!](#)

Course Objectives

- 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

Agenda

1 - TETRATION OVERVIEW

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

2 - TETRATION COMPONENTS

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

3 - OPERATIONAL CONCEPTS

- Scopes
- Tenants
- RBAC
- Annotations

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

5 - SOFTWARE AGENTS

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

6 - APPLICATION DEPENDENCY MAPPING

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

7 - CISCO TETRATION ANALYTICS POLICY ENFORCEMENT OVERVIEW

8 - CISCO TETRATION FLOW SEARCH

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

9 - TETRATION POLICY ANALYSIS

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

10 - TETRATION APPS AND API

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

11 - TETRATION ECOSYSTEM

- Platform Integrations
- ADCs
- FW Management Tools
- Phantom
- InfoBlox
- ServiceNow
- Splunk
- Turbonomic
- Veeam
- Corvil and Extra Hop

12 - LAB OUTLINE:

- Lab 1: Exploring the GUI
- Lab 2: Software Agent Installation
- Lab 3: Application Dependency Mapping with Agents

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- Lab 4: Enforcement
- Lab 5: Flow Search
- Lab 6: Advanced ADM Run
- Lab 7: Policy Analysis