

TETOPS - Introduction to Cisco Tetration Analytics Operations and Administration

COURSE CONTENT

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

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

Labs

- Lab 1: Exploring the GUI
- Lab 2: Software Agent Installation
- Lab 3: Application Dependency Mapping with Agents
- Lab 4: Enforcement
- Lab 5: Flow Search
- Lab 6: Advanced ADM Run
- Lab 7: Policy Analysis