TANIUM LEARNING CENTER

WORKING WITH TANIUM CORE:
PROFESSIONAL FOUNDATIONS

COURSE DESCRIPTION

Working With Tanium Core is designed for experienced Tanium operators, focusing on practical workflows and hands-on lab activities. By the end of this course, you will be proficient in leveraging core Tanium modules for a variety of advanced use cases and scenarios.

DELIVERY OPTIONS

Instructor-Led Training (ILT) | Virtual Instructor-Led Training (VILT) | Web-Based Training (WBT)

ADDITIONAL RESOURCES

- Tanium Solutions & Bundles
- Tanium Resource Center

Delivery options and duration

ILT/VILT: 2 days | WBT: 6-8 hours

Languages

English

Prerequisites

- (Required) *Getting Started with Tanium*
- (Recommended) *Tanium Essentials* or 6 months operator experience

Target audience

This course is intended for experienced Tanium operators who are ready to expand their knowledge of the Tanium platform, and desire to become more proficient in advanced workflows.

Registration information

This training course is available to purchase for new and existing customers. For information on our training courses, or to receive a quote, please contact your Tanium/Partner Representative. If you are uncertain of who your representative is, please reach out to training@tanium.com.

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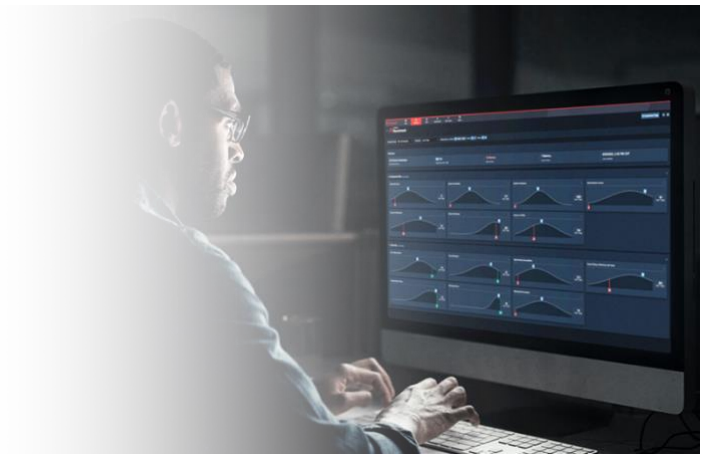
WORKING WITH TANIUM SERIES

Working With Tanium Core sets a common foundation for two specialized learning paths: **Endpoint Management** and **Endpoint Risk & Security**.

Each learning path includes a series of dedicated sessions, diving deeper into individual Tanium modules. These learning paths are part of the recommended preparation for the Tanium Certified Professional (TCP) level certifications .



COURSE OBJECTIVES

DISCOVER

- Use Discover's advanced scanning configurations to avoid gaps in management and protect sensitive devices
- Dissect data using Discover labeling techniques
- Alert on critical missing devices
- Identify and correct Discover misconfigurations

BENCHMARK

- Identify the different categories of Benchmark metrics available (Risk, Guardian, Security, Operations)
- Determine an enterprise's Risk score and identify the risk metrics that contribute to that score
- Understand the concept of criticality, how to tag endpoints for criticality, and how it affects scoring
- Spot trends and changes to endpoint Risk scoring over time
- Compare organizational risk, security, and operational metrics to peers within the same industry
- Conduct an executive risk assessment

ASSET

- Identify where Asset gets its data from and how to manage data
- Configure and manage advanced features of Asset including attributes, entities, and sources
- Create and manage custom reports in Asset based on business requirements
- Integrate Asset into your tech stack using out-of-the-box integrations and Import API
- Configure and use software and inventory usage data
- Inventory and report on libraries and dependencies on disk with Software Bill of Materials (SBOM)

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CERTIFICATE MANAGER

- Find and alert on expired or expiring certificates across Windows, macOS, and Linux endpoints
- Replace expired or expiring certificates
- Gain visibility into listening services
- Run reports to identify weak algorithms and key lengths
- View self-signed and unauthorized CA certificates
- Integrate Certificate Manager with other Tanium modules

INVESTIGATE

- Gain immediate access to important data points
- Correlate performance events and activities to increase the speed of triage
- Diagnose related issues across endpoints to reduce repetitive troubleshooting
- Take advantage of Investigate's unique tie-in functionalities, such as Windows Event Browser, Registry Browser, and Service Control
- Leverage file browsing and tailing of files

ENFORCE

- Work with Enforce policy types and recognize the best situations to use them (ADMX, cluster, Linux and MacOS settings)
- Use Enforce to onboard endpoints to your specifications
- Use Tanium Enforce in endpoint expansion roles (MDM, IoT, OT, etc.)
- Use Enforce policy deployments to resolve Tanium Comply findings
- Use Enforce device management capabilities for incident response

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COURSE OUTLINE

DISCOVER

- Overview
  - Key benefits
  - Features and functions overview
- Comprehensive scanning configurations
  - Discovery methods
  - Scan profile types
  - Scan exclusions and inclusions
  - Ncap versions
  - Port specifications
  - Scheduling scans
  - Analyzing scan results
  - **Hands-on:** Proactive asset discovery and network hygiene enforcement
- Dissecting the data
  - Labels and activities
  - Locations and permissions
  - **Hands-on:** Contextualize data with granular location mapping
- Identifying and correcting misconfigurations
  - Locate lost interfaces
  - Exporting data
  - **Hands-on:** Streamlined IT operations and continuous compliance through data remediation
- Troubleshooting

BENCHMARK

- Overview
  - Key benefits
  - Features and functions overview
- Identifying important devices
  - Understanding criticality
  - **Hands-on:** Use criticality to identify endpoints with a high business impact
- Deciding remediation priority
  - Identifying remediation priority
  - Using dashboards to visualize priority
  - **Hands-on:** Use dashboards to create a remediation plan
- Tanium Risk Assessment
  - Conducting a Tanium Risk Assessment
  - **Hands-on:** Conduct a Tanium Risk Assessment
- Troubleshooting

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ASSET

- Overview
  - Key benefits
  - Features and functions overview
  - Where does Asset get its data?
  - Entities and attributes
  - Reporting
  - Monitoring software and inventory
- Build reports to create business value
  - Expanding visibility with reporting
  - Creating a custom report
  - **Hands-on:** Creating a custom report
- Design solutions using sources
  - Sources in Asset
  - Source and data management
  - **Hands-on:** Managing sources in Asset
- Extending visibility with integrations
  - Integrating Asset and your tech stack
  - Configuring exports and integrations
  - Designing solutions using integrations
  - **Hands-on:** Extending visibility with integrations
- Business solutions for Software Inventory Usage (SIU)
  - Software inventory and usage
  - Working with SIU data
  - Using SIU data
- Software Bill of Materials (SBOM)
  - Overview of SBOM
  - Configuring SBOM
  - Interpreting and taking action on SBOM data
- Troubleshooting

CERTIFICATE MANAGER

- Overview
  - Key benefits
  - Features and functions overview
- Inventorying & reporting on certificates
  - Certificate inventory
  - Reports & dashboards
  - Sending reports
  - **Hands-on:** Certificate inventory
- Finding & replacing expired certificates
  - Reviewing certificates in your environment
  - Deploying certificate audits
  - Managing certificates
  - **Hands-on:** Emergency certificate replacement
- Exposing weak cipher usage
  - Certificate cipher visibility
  - Exposing weak certificates
  - Post-quantum cryptography
  - **Hands-on:** Managing weak ciphers
- Troubleshooting

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INVESTIGATE

- Overview
  - Key benefits
  - Features and functions overview
  - ServiceNow integration
- Root cause analysis
  - Investigations and activities
  - Remediating from Single Endpoint View
  - **Hands-on:** Investigating the root cause of an issue
- Cooperative troubleshooting
  - Working an investigation as a team
  - **Hands-on:** Crafting an Investigation
- Remotely managing Windows
  - Service control
  - Windows Event Browser
  - Resource summary
  - **Hands-on:** Remediating endpoint issues
- Troubleshooting

ENFORCE

- Overview
  - Key benefits
  - Features and functions overview
  - Enforce policies
  - **Hands-on:** Create and enforce a BitLocker policy
- Operational hygiene for newly acquired endpoints
  - Implementing Windows Device Control
  - Configuring AppLocker
  - Configuring Windows firewall
  - Configuring Linux firewall
  - **Hands-on:** Practical endpoint security configuration
- Enforcing disk encryption standards
  - Configuring disk encryption policies
  - Disk encryption workflow
  - **Hands-on:** Enforcing disk encryption standards
- Configuring Microsoft Defender
  - Understanding Defender and MDE Integration with Tanium
  - Configuring core Defender settings
  - Scanning
  - Managing advanced Defender features
  - Monitoring Defender health and compliance
  - **Hands-on:** Defender policy configuration and compliance monitoring
- Securing sensitive endpoints
  - Hardening public and shared devices
  - Applying device control and network isolation
  - Monitoring and alerting for sensitive endpoint activity
  - **Hands-on:** Endpoint hardening and network isolation
- Troubleshooting

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