

Training Brochure

Tufin Certified Security Engineer (TCSE)

Highlights and Benefits

- Learn at your own pace with Tufin's free online courses.
- Get hands-on experience with our comprehensive virtual labs.
- Gain recognition for your proven skills and proficiency with the Tufin Orchestration Suite.
- Onsite classroom training enables you to deepen your technical skills and learn from an expert Tufin instructor.
- Certain TCSE Certifications are valid for 1 year. Recertifications are based on newly added features.

The Tufin Certified Security Engineer (TCSE) training program helps you build and validate your security policy management skills and better leverage the Tufin Orchestration Suite. Our content is built by experts at Tufin and updated regularly to keep pace with product updates, so you can be sure you're learning the latest and keeping your security policy management skills fresh.

We offer both digital and classroom training, so you can choose to learn at your own pace or learn best practices from an instructor. Whether you are just starting out with Tufin, building on existing skills, or sharpening your security policy management knowledge, TCSE can help you be more effective and optimize your Tufin Orchestration Suite implementation.

Participants

TCSE certification training is designed for security professionals who are new to the Tufin Orchestration Suite and experienced Tufin users looking to validate their expertise.

TCSE Certification Program Structure

Associate	TCSE 1 - TOS Aurora: SecureTrack TCSE 2 - TOS Aurora: SecureChange	FW Admins	TOS Admins
Professional	TCSE 3 - TOS Administration TCSE 4 - Troubleshooting		
Expert	TCSE 5 - Tufin Developer		
Technical Partners	TCSE 6 - Service Delivery Partner		



Free Online Training

Learning with free, self-paced online courses from Tufin Academy



Classroom Training

Deepen your technical skills and learn best practices from an expert Tufin instructor



TCSE Certification

Validate your expertise with the Tufin Orchestration Suite

TCSE 1 – TOS Aurora: SecureTrack

Overview

The TCSE 1 training program is designed for security professionals who are new to Tufin Orchestration Suite Aurora and experienced Tufin users looking to validate their expertise.

For network security teams that use Tufin, this training can be used to onboard new team members or as part of a team training plan.

Prerequisites

- No prior knowledge of the Tufin Orchestration Suite

Required Background Knowledge

- General knowledge of TCP/IP
- Working knowledge of Windows/Linux, network technology and network security

Objectives

By the end of this course, you will have a thorough understanding of:

- How to work with Tufin Orchestration Suite to monitor security policies in your network
- How to view devices in your network, manage their connections, and review your network map
- How to utilize queries to quickly find rules and use dashboards for cleanup
- How to review your compliance standing and audit your environment
- How to generate and automate reports

Course Topics:

- Tufin Orchestration Suite Overview
- SecureTrack access and setup
- Dashboards and Browsers
- Auditing best practices
- Reporting capabilities

TCSE 2 – TOS Aurora: SecureChange

Overview

The TCSE 2 associate training program provides an in-depth overview of SecureChange. The modules cover several Tufin solutions that are among the most used by Firewall Administrators - from receiving recommendations custom-tailored to your network to updating and committing changes to your management devices.

At the end of the course, you will be able to test your knowledge and gain practical hands-on experience through virtual lab exercises.

Prerequisites

This course is intended for students who have already received their TCSE 1 course certification and experienced Tufin users looking to validate their expertise.

Objectives

By the end of this course, you will have a thorough understanding of:

- The change request lifecycle and its challenges
- How to create a SecureChange workflow to accommodate your change request setups
- How to automate workflows to alleviate workload
- How workflow tools like Risk Analysis and Designer can provide insights and save time
- How to use Provisioning and Change Windows to make network changes

Course Topics:

- SecureChange overview
- Creating new workflows
- Workflow automation
- SecureChange tools
- Virtual lab

TCSE 3 – Tufin Orchestration Suite (TOS) Administration

Overview

TCSE 3 is a professional level training program providing an in-depth overview of administering Tufin Orchestration Suite Aurora. The courses in this program will cover several Tufin solutions that are among those most used by TOS admins - from performing installations and basic configurations, to routine tasks in SecureTrack and SecureChange - and maintenance and support.

Prerequisites

This course is intended for security professionals who have already received TCSE 1 and TCSE 2 TOS Aurora course certifications and experienced Tufin users looking to validate their expertise.

For Tufin Admin teams, this training can be used to onboard new team members or as part of a team training plan.

Objectives

By the end of this course, you will have a thorough understanding of:

- The clean install and upgrade path from TOS classic to TOS Aurora
- Differences between licensing statuses and usages
- How to administer users and configure notifications
- How to create and manage devices and device groups
- How to configure your Unified Security Policy (USP) matrix, exceptions and alerts
- How to use Tufin Topology Tools
- Joining and splitting clouds and networks
- Generic devices and interfaces
- How to create and customize SecureChange workflows
- Tufin maintenance procedures and how to contact Tufin Support

Course Topics:

- Introduction to TOS Aurora Architecture
- Installation and Upgrade
- Licensing and Device Administration
- Administrative Configuration
- Security Policy Management
- Configuring Topology Tools
- SecureChange Configuration and Administration
- Automation and Integration
- Maintenance and Support

TCSE 4 – Tufin Orchestration Suite (TOS) Troubleshooting

Overview

TCSE 4 is a professional level training program that provides in-depth troubleshooting of Tufin Orchestration Suite Aurora. The courses in this program will dive into Tufin infrastructure, enabling TOS Admins to sustain a healthy Tufin environment.

Prerequisites

This course is intended for security professionals who have achieved TCSE 1, TCSE 2 and TCSE 3 course certifications. For Tufin Admin teams, this training can be used to onboard new team members or as part of a team training plan.

Objectives

By the end of this course, you will have a thorough understanding of:

- Debug using tools available to Tufin customers
- Understand TOS Aurora architecture
- Revise flows and manage key services
- Demonstrate the basic debugging process
- Access pods
- Run performance and health checks

Course Topics:

- Troubleshooting 101
- Configuring Topology Tools*
- Oh Shoot! Troubleshooting the Suite

* TCSE 3 Recap

TCSE 5 – Tufin Developer *(Partners Only)*

Overview

The Tufin Developer courses provides students with the knowledge and skills needed to configure and manage TOS APIs and use them to develop TOS customizations and integrations.

Prerequisites

This course is intended for those who have already received TCSE 1, 2, 3, and 4 course certifications and experienced Tufin users looking to validate their expertise. This course is best suited to Security Developers, Security Programmers, DevOps Engineers, Security Engineers, Network Engineers, and Developmental Support Staff.

A strong background in Python is required.

Objectives

By the end of this course, you will have a thorough understanding of:

- How to configure and manage the essential features of SecureTrack and SecureChange through API use
- Configuring TOS API in accordance with customer feature requests
- Navigating and using the Tufin PS Library
- How to view and edit current scripts to troubleshoot complex issues

Course Topics:

- Solutions overview
- Getting started with TOS API
- Executing scripts
- Hands-on tasks
- Troubleshooting scripts

TCSE 6 – Service Delivery Partner

Overview

TCSE 6 course is designed to help interested learners install and deploy SecureTrack (ST) and SecureChange (SC) instances. Taking the skills obtained from TCSE 1-4, learners apply their knowledge to successfully implement, troubleshoot, and manage the ST and SC platforms in production environments. Successful completion of this course and the TCSE 6 Capstone Certification exam grants full Tufin certification.

Prerequisites

This course is intended for those who have already received TCSE 1, 2, 3, and 4 course certifications and experienced Tufin users looking to validate their expertise.

Objectives

By the end of this course, you will have a thorough understanding of:

- Evaluate and configure your environment for TOS installation
- Prepare and engage in every stage of the Tufin rollout project lifecycle
- Work with Aurora's collector processing architecture
- Connect your devices using Tufin's Open Policy Model
- Fully cover your topology with advanced capabilities and extensions
- Fully configure SecureChange and create detailed workflows

Course Topics:

- Delivery Methodology
- Distributed Architecture
- Managing Device Connections
- Topology Advanced
- USP and Risk Advanced
- SecureChange Advanced Configuration
- Advanced Workflow Development
- Automation Logic

Tufin Certification FAQ

What is required for TCSE certification?

To earn a TCSE certification you must complete the applicable learning plan and pass all exams with a score of 80%.

Can I take the certification exam without taking the training course?

The certification exam is currently offered only to users who have taken the training course.

How long is the certification good for?

TCSE 1 and TCSE 2 certifications are good for 1 year.

What if I've taken a training course in the past?

If more than a year has passed, you will need to take the TCSE Recertification course.

How many chances do I get to take the exam?

You have two attempts to take the exam in a 24-hour period.

How long do I have to wait to retake the exam if I fail both attempts?

24 hours.

What is the process for renewing my TCSE certifications after one year?

Logging on to Tufin Academy, clicking the Renew Now link, and taking the relevant Recertification Course.

How do I access the Tufin Academy to start my certification?

Log on to [Tufin Academy](#).

Who to contact if I run into issues during the certification process?

academy@tufin.com

What happens after I achieve my online certification?

A digital certificate will be supplied by email upon successful completion of the course exam. The certificates are per person in the organization.

For any further training related questions, please contact academy@tufin.com

About Tufin

Tufin provides a single platform for network security teams and firewall administrators to simplify the management of security policies across today's complex, multi-vendor on-premise and cloud networks. The platform gives some of the largest companies in the world the end-to-end visibility and automation tools necessary to swiftly provide new access, enable fast and secure application deployment, and ensure continuous compliance and audit readiness. Tufin's proven solutions have helped more than 2,900 customers across industries including healthcare, financial services, utilities, telecommunications, and retail to quickly identify and mitigate network risks.

www.tufin.com



Copyright © All rights reserved. Tufin, Unified Security Policy, Tufin Orchestration Suite and Tufin logo are trademarks of Tufin. All other products name mentioned herein are trademarks or registered trademarks of their respective owners. You may not copy, reproduce, photograph, translate, transmit, make available to the public, make derivative works, perform in public, rent, broadcast or make any commercial use of the publication in full and/or in part without prior written approval.

DP20220220