

Training Brochure

Tufin Certified Security Expert (TCSE) Developer



Course Overview

The TCSE Developer course provides students with the knowledge and skills needed to configure and manage Tufin Orchestration Suite (TOS) APIs and use them to develop TOS customizations and integrations.

Throughout the course, you will be able to gain practical hands-on experience through interactive self-paced learning and virtual lab exercises.

Objectives

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

- How to configure and manage the essential features of Tufin SecureTrack and SecureChange through API use
- Configuring Tufin Orchestration Suite 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

Target Audience

Security Developers, Security Programmers, DevOps Engineers, Security Engineers, Network Engineers, and Developmental Support Staff

Prerequisites

- Required Certifications: TCSE Fundamentals, TCSE Automation
- Recommended: TCSE Troubleshooting, TCSE Delivery*
- Strong background in Python
- Experience developing customization and integration software solutions
- Experience with other Web technologies (HTML, CSS JavaScript, WSGI, Apache) an advantage

*Partners only

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

Course Topics

- Module 1:** Course Introduction and Lab Setup
- Module 2:** Solutions Overview
- Module 3:** Postman and GitHub Setup and Installation
- Module 4:** Working with Pytos 2
- Module 5:** Intro to TOS API
- Module 6:** SecureTrack REST API
- Module 7:** SecureChange REST API
- Module 8:** Script Skeleton (SecureTrack and SecureChange)
- Module 9:** SecureChange Trigger Scripts and Troubleshooting