# ForeScout Advanced Administrator Training

## Highlights

**Best Practices from Certified Professionals**

Advanced Admin training takes you deeper into CounterACT administration. Taught by seasoned service engineers with years of real-world experience implementing and troubleshooting ForeScout CounterACT.

**Hands-On**

Gain a deeper understanding of best practices for configuring, deploying and maintaining CounterACT.

**Lab Focused**

Train in a real network environment. Customize and troubleshoot CounterACT in your personal lab simulation.

**Flexible and Convenient**

Come to us, or we'll come to you. Onsite training provides a private learning experience for your team to discuss your unique needs. Our instructors will travel to your preferred location; allowing you to stay at home and save, while still achieving strong results.

**Expand your Knowledge**

This course expands on the theory and fundamentals of CounterACT and prepares students for more advanced integrations, policies and trouble shooting.

**Pre-Requisites**

To ensure the best class experience, students must meet the following criteria prior to taking the class:

- Attend ForeScout Certified Administrator Training

- Attain ForeScout Certified Administrator (FSCA) Certification

## TheAdvanced Administrator Training, Taking it to the Next Level

ForeScout believes a trained customer is a critical component of a successful security solution. Our instructors are highly trained professionals who bring a wealth of practical experience to the classroom. All of our instructors are members of our Professional Services team and are skilled at training, designing and implementing CounterACT™.

Our instructor-led training provides the practical skills to customize, protect, and maintain ForeScout CounterACT. Our classes can be conducted at your facility or in one of several classrooms across the globe.

- **Standardized.** Our Advanced Administrator course expands on concepts from the Administrator course and builds your understanding of advanced integration and troubleshooting techniques. Hands-on exercises give students a chance to experiment with the tools and practice the concepts covered during classroom sessions.

- **Cost Effective.** We offer a variety of training options (ForeScout hosted, partner hosted, at your facility or virtual training). These options help us deliver a training solution that meets your budget, schedule and organizational needs.

- **Tailored.** Optional Modules provide you with maximum flexibility. You may focus learning on all or a subset of these topics, depending on your organization's environment.

## Course Content

ForeScout Advanced Administrator Training is a four-day course featuring 6 core modules, plus optional modules that can be tailored to the students' needs. Students will explore use cases, best practices, and scenario-based problems. The instruction is focused on real-world situations centered on the adult learner and hands-on lab experiences in a simulated IT environment. This course will help students develop advanced skills in utilizing CounterACT Network Access Control. The focus is mainly on the practical skills needed to configure, protect and maintain CounterACT including:

- The Configuration of HPS

- Customized Notification

- Threat Reporting

- Advanced Diagnostics

## Course Modules

1. **Module 01 — General Product Advanced Options**
   - Installing Web Certificates on CounterACT
   - Secure Sockets Layer (SSL) Certificate
   - Licensing — Key Points
   - Modules
   - Endpoint Identity Tracking
   - Time Settings

2. **Module 02 — Plugin Tuning**
   - HPS Plugin Overview
   - Remote-Inspection for Corporate Hosts
   - "Manageable Domain" Related Properties
   - Remote Inspection Methods
   - SecureConnector — About
   - Windows Updates Options
   - User Directory
   - Supported Server Types
   - Switches

3. **Module 03 — Policy Flow and Functionality**
   - Overview of the entire template policy flow
   - Advanced Policy Conditions
   - Advanced Policy Tools and Actions

4. **Module 04 — Notifications**
   - Built-in CounterACT Notifications
   - HTTP Notification Page Customization
   - Customization Tool

   - HTTP Redirection Page
   - Customization Tool
   - Basic Customization
   - HTML Head Tag Elements
   - HTTP Notification Page Customization
   - Advanced Customization
   - Administrator Email Notifications Customization
   - End User Email Notifications Customization
   - Working with Data Tags
   - Email Notifications Troubleshooting

5. **Module 05 — Advanced Troubleshooting**
   - Troubleshooting Basics
   - Log Review
   - 'fstool debug'
   - Logs and Troubleshooting HPS Logs
   - Policy Action Log
   - Systematic Troubleshooting in CounterACT
   - Example Process Flow
   - Guest Login Troubleshooting Process
   - Troubleshooting Process
   - System Event Logs
   - General Utilization Testing
   - Hardware Testing
   - Plugin Testing
   - System Event Logs
   - Network Troubleshooting
   - Tech-Support Plugin
   - Epoch Time
   - CounterACT CLI

6. **Advanced Threat Protection**
   - Threat Protection
   - Threat Protection Terminology
   - Manual Blocking
   - Virtual Firewall
   - Blocking Log
   - ActiveResponse
   - Enterprise Lockdown
   - Port Scan Categories
   - Bite Type Details
   - E-mail Worms
   - Mark Names Details
   - Threat Protection Tuning Wizard
   - Best Practices
   - Walk Through Activity

## Optional Modules

1. **SIEM/Syslog**
   - SIEM/Syslog Overview
   - Syslog
   - About SIEM

2. **McAfee ePolicy Orchestrator**
   - ePO Overview
   - McAfee ePO Introduction
   - CounterACT Extension
   - ePO Plugin
   - Sample ePO Policy

3. **Microsoft System Center Configuration Manager (SCCM)**
   - About the Microsoft SMS/SCCM Plugin
   - SCCM Plugin Installation Overview
   - SCCM Server Details
   - Default Server
   - Assign Devices
   - SCCM Advanced Options
   - Testing SCCM Plugin
   - SCCM — Available Properties

4.  **VPN Plugin**
    - Typical post installation steps
    - VPN Plugin
    - CounterACT VPN Concentrator Plugin
    - Supported VPN Devices
    - Supported Blocking Methods
    - VPN Integration
    - RADIUS Credentials — Example
    - Enabling the Plugin — Cisco Example
    - VPN — Troubleshooting Basics
    - Instructor-led demo

5.  **Wireless Plugin**
    - Wireless Overview
    - Supported Vendors
    - APs and Controllers
    - Wireless Plugin
    - Write Commands
    - Wireless Data Points
    - Sample Policy

6.  **802.1X**
    - Architecture Requirements
    - 802.1X Foundation
    - CounterACT Implementation
    - 802.1X Policy
    - 802.1X Supplicant Remediation — Example
    - Certificates
    - Best Practices
    - Troubleshooting 802.1X

## Training Part Numbers

ForeScout CounterACT Training offers both a standardized curriculum and training customized to the customer's specific needs.

| Part Number | Name |
| --- | --- |
| FC-T50 | 4 Day ForeScout Advanced Administrator Course (in-class or virtual) — per student — North America |
| FC-T60 | 4 Day ForeScout Advanced Administrator Course at customer site — for 6 to 10 students — North America |
| FC-T50-AEL | 4 Day ForeScout Advanced Administrator Course at partner site — per additional student — APAC, EMEA and LATAM regions |
| FC-T60-AEL | 4 Day ForeScout Advanced Administrator Course at partner site — for 6 to 10 students — APAC, EMEA and LATAM regions |
| FC-T40 | One day of custom training development. |
| FC-TRAVEL | Domestic Travel Expenses (daily) |
| FC-TRAVEL-I | International Travel Expenses (daily) |

**\*Note: Travel is not included in any of the FC-Txx SKUs.**

## We welcome your class feedback!

Please contact: trainingfeedback@forescout.com

To schedule training or inquire about pricing, contact a training coordinator at training@forescout.com or contact your sales representative.

## Learn more at www.ForeScout.com

ForeScout Technologies, Inc.
900 E. Hamilton Avenue #300
Campbell, CA 95008 USA

**Toll-Free (US)** 1.866.377.8771
**Tel (Intl)** 1.408.213.3191
**Support** 1.708.237.6591
**Fax** 1.408.371.2284