



ForeScout Advanced Administrator Training

Highlights

Best Practices from Certified Professionals

Advanced Administrator Training takes you deeper into CounterACT administration. Sessions are taught by seasoned service engineers with years of real-world experience implementing and troubleshooting ForeScout CounterACT.

Hands-On and Lab-Focused

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

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

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, saving you time and money, while still achieving strong results.

Expand your Knowledge

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

Pre-Requisites

To help 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

The Advanced Administrator Training: Taking it to the Next Level

At ForeScout Technologies, we believe 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. They are members of our Professional Services team and are skilled at training, designing and implementing ForeScout CounterACT®.

Our instructor-led training provides the practical skills to customize, protect and maintain CounterACT. 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.

Course Content

ForeScout Advanced Administrator Training is a four-day course featuring six core modules, plus six extended 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 to administer CounterACT. We focus on practical skills needed to configure, protect and maintain CounterACT including:

- The Configuration of HPS
- Threat Reporting
- Customized Notification
- Advanced Diagnostics

Course Modules

1. Module 01 — General Product Advanced Options

- Installing Web Certificates on CounterACT
- 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 (McAfee ePO™)

- McAfee ePO Overview
- McAfee ePO Introduction
- CounterACT Extension
- McAfee ePO Plugin
- Sample McAfee ePO Policy

3. Microsoft 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
FS-TRNG-ADV-NAM-10	4-Day ForeScout Advanced Administrator Course (in-class or virtual) — per student, North America
FS-TRNG-ADV-NAM-30	4-Day ForeScout Advanced Administrator Course at customer site — for 6 to 10 students, North America
FS-TRNG-ADV-EAL-10	4-Day ForeScout Advanced Administrator Course — per student, APAC, EMEA and LATAM regions
FS-TRNG-ADV-AEL-30	4-Day ForeScout Advanced Administrator Course at partner site — for 6 to 10 students, APAC, EMEA and LATAM regions
FS-TRAVEL	Domestic travel expenses (daily)
FS-TRAVEL-I	International travel expenses (daily)

Note 1: Services are subject to the terms and conditions set forth at <http://www.forescout.com/eula>

Note 2: Travel is not included in any of the FS-TRNG SKUs.

Note 3: Cancellation of any services with less than five business days’ notice shall be subject to a cancellation fee plus actual expenses incurred as set forth in the above terms and conditions

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



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Acronym Glossary:

AP (Access Point)	RADIUS (Remote Authentication Dial In User Service)
CLI (Command Line Interface)	SCCM (System Center Configuration Manager)
ePO (McAfee ePolicy Orchestrator)	SIEM (Security Information and Event Management)
FSCA (ForeScout Certified Administrator)	SMS (Systems Management Server) (Microsoft)
HPS (Host Property Scanner)	SSL (Secure Sockets Layer)
HTML (Hypertext Markup Language)	VPN (Virtual Private Network)
HTTP (Hypertext Transfer Protocol)	

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