ForeScout Certified Engineer (FSCE) Training and Certification

Highlights

Certified Professional

The ForeScout Certified Engineer (FSCE) Course is taught by seasoned service engineers with years of real-world experience implementing and troubleshooting ForeScout solutions.

Hands-On Preparation

Learn our best practices by configuring, deploying and maintaining CounterACT as you prepare for the rigors of delivery engineer certification.

Lab Focused

Train in a real network environment. Install, configure and troubleshoot CounterACT in an individual lab simulation.

Hybrid Learning Format

The FSCE Course utilizes three learning modes to help you attain your expert-level certification: e-learning to review and understand concepts and course materials at your own pace, instructor-led discussions with tips for successfully implementing the CounterACT solution for the exam and during real-life deployments, and the opportunity to practice what you learn through access to dedicated lab space during the six-week course.

Industry-Recognized Certification

The FSCE certification represents the ultimate in ForeScout proficiency. By attaining the FSCE certification, you demonstrate to that you have the skills to successfully manage and deploy the ForeScout solution.

The Pathway to Success

ForeScout believes a trained customer is a critical component of any successful solution. Our instructors are highly trained professionals who bring a wealth of practical experience to the classroom. All of our instructors are highly skilled at designing and implementing ForeScout solutions.

Our instructor-led training covers the practical skills to configure and maintain ForeScout CounterACT®. The FSCE course is based on a pre-defined set of key concepts. Hands-on exercises give students a chance to experiment with the tools and practice the concepts covered during online sessions.

Course Content

ForeScout Certified Engineer Training is a six-week course featuring classroom training, mentored eLearning and hands-on labs in a simulated IT environment. The candidate is provided with 24x7 access to a lab environment for the duration of the course. The first five weeks consists of online sessions with an FSCE certified instructor. The instructor provides key learning elements for that week and assigns practice labs. The instructor also critiques student lab solutions to help the FSCE candidate improve their solutions. Week six is a three-day, in-class boot camp with in-depth instruction and intense labs as final preparation for the FSCE exam. The FSCE course curriculum includes the following:

Week One

This includes an introduction to the lab environment and an initial lab homework activity. The lab activity practices CounterACT initial setup and verification.

Week Two

Practice building policies to control unmanaged/unknown devices in a network.

Week Three

Build policies from scratch. Review and create new policies to control prohibited traffic in the network.

Week Four

Construct advanced classification, clarification, compliance and control policies. Enable and deploy host management systems.

Week Five

Generate complex guest registration policies with registration features and appropriate traffic control mechanisms.

Week Six

This final week is a classroom-based, three-day experience with lectures on advanced topics, exam hints, guidelines and additional lab activities. The three days include:

Day 1

- Course introduction
- FSCE requirements and tips
- Defining deployment goals
- Architectural scoping
- Afternoon labs
- Lab review

Day 2

- Virtual device performance tuning
- Network configuration considerations
- Enterprise Manager configuration
- Plugin review
- Afternoon labs
- Lab review

Day 3

- Policy best practices
- Identifying policy goals
- Compliance status
- Policy logic
- Build and test policies
- Identify policy mistakes
- Afternoon labs

E-Learning

The FSCE Course is supplemented with six virtual e-learning modules intended to prepare candidates for the ForeScout Certified Engineer Examination. Each module takes approximately 1.5 hours to complete and is followed by a 15-minute test. When all modules are completed, a cumulative final exam (approximately 45 minutes) is administered to gauge the candidate's readiness.

Module 1: Statement of Work and the ForeScout Consultant

At the end of this module, you will be able to utilize a Statement of Work as a ForeScout Consultant.

Module 2: Architecture Scoping and Troubleshooting Virtual Appliances

At the end of this module, you will be able to articulate the necessary considerations for proper architecture scoping and the troubleshooting of virtual appliances.

Module 3: Architecture Models and Configuration

At the end of this module, you will be able to demonstrate the use of architecture models, including proper configuration.

Module 4: Plugins and SecureConnector™

At the end of this module, you will be able to demonstrate proper plugin and SecureConnector configuration.

Module 5: Optimizing CounterACT and Policy Best Practices

At the end of this module, you will be able to interpret policy best practices and console optimization.

Module 6: Layered Policy Flow Diagram and Control Policies

At the end of this module, you will be able to apply the Layered Policy Flow Diagram and Control Policies.

FSCE Final Exam

This final examination is a cumulative test consisting of 48 questions. It is a tool to gauge a candidate's readiness for the FSCE 8-hour proctored lab examination. Passing score is 80 percent or higher to achieve FSCE status.

Training Part Numbers

The ForeScout FSCE Course

Part Number	Name
FS-TRNG-ENG-10	ForeScout Certified Engineer Course – per student. Includes 5 weeks of eLearning and a three-day boot camp
FS-TRNG-CERT-FSCE	ForeScout Certified Engineer Exam. 8-hour hands-on certifiaction exam. Must be scheduled in advance.

*Note: Travel is not included.

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.

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About ForeScout

ForeScout Technologies is transforming security through visibility, providing agentless visibility and control of traditional and IoT devices the instant they connect to the network. Our technology works with disparate security tools to help accelerate incident response, break down silos, automate workflows and optimize existing investments. See devices. Control them. Orchestrate multivendor response.

Learn how at www.forescout.com.

About ForeScout Professional Services

While ForeScout's products are easy to use and deploy, the company offers an extensive array of professional services delivered directly and through our network of authorized service partners. With ForeScout Professional Services, customers can fortify their CounterACT investment with expertise to accelerate time-to-value, expedite procurement and implementation schedules, develop and refine security policies, and customize system functionality to address unique oversight and reporting requirements.

Learn more at www.forescout.com/support/services/