



## Forescout Certified Engineer Training and Certification

Forescout Certified Engineer Training for partners is a six-week course featuring classroom training, mentored eLearning and hands-on labs in a simulated IT environment. Candidates receive 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 FSCE candidates improve their skills. Week six is a three-day, in-class boot camp with in-depth instruction and intense labs as final preparation for the FSCE exam.

### Audience

This is designed for Forescout users who require expert-level knowledge of our design, delivery and configuration methodologies and will benefit from our in-depth FSCE training.

### Pre-Requisites

All attendees must complete FSCA certification prior to attending FSCE training.

### Topics Covered

#### Partner Training Path

##### Week 1

We introduce the lab environment and discuss initial practice labs activities. Students practice initial CounterACT setup and verification.

##### Week 2

Practice building policies to control unmanaged/unknown devices

##### Week 3

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

##### Week 4

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

### **Week 5**

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

### **Week 6**

#### *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

### **End User Training Path - Five-Day Bootcamp Only**

#### *Day One*

- Module 1: Introduction and Discussion on Policy Configuration Best Practices
- Lab 1: Configuration Foundation for FSCE Lab

#### *Day Two*

- Module 2: Deployment Considerations
- Lab 2: Network Device Clarification – creating lists for switches when using control actions to control unknown/unmanaged devices.

#### *Day Three*

- Module 3: Architectural/Design Considerations
- Lab 3: Advanced Policy Configurations - build policies from scratch. Review and create new policies to control prohibited traffic in the network.

*Day Four*

- Module 4: Policy Configuration Review
- Lab 4: Generate Complex Guest Registration Policies - using registration features and appropriate traffic control mechanisms.

*Day Five*

- Module 5: Discuss Enterprise Manager and Centralized Configurations and Orchestration using Splunk®.
- Lab 5: Comprehensive Lab - includes orchestration using Splunk.