

## COURSE SYLLABI

### Introduction to SELinux Policy Development

This course is an introductory, 1-day class intended for engineers and developers that have beginner level or more experience with Linux security. This primer intended to define the basics of SELinux security and demonstrate how to write a basic security policy module for your applications. This course includes some hands-on experimentation and features the [Tresys Bedrock Development Toolkit](#) as the tool for building applications.

#### Prerequisites

To get the most out of the course, students should have a working knowledge of Linux (or other UNIX-like operating system) and some understanding of computer security principles.

#### Location

Training is conducted at Tresys headquarters. Tresys may conduct training on-site, as negotiated and as appropriate. Note that, to ensure quality, class size is usually limited to no more than 20 people.

#### Materials

All classroom materials will be provided, including one licensed seat of the Tresys Bedrock Development Toolkit, and a copy of the book SELinux by Example.

### Advanced SELinux Policy Development

This course is an advanced, 3-day class intended for engineers and developers experienced with Linux security. This is not an introductory course for security enhanced Linux (SELinux); instead its aim is to provide analysts, engineers and developers an in-depth overview of all aspects of an SELinux policy. This primer will help one learn how to analyze, test, configure, modify, and develop security policies. This course includes significant hands-on experimentation and features the [Tresys Bedrock Development Toolkit](#) as the tool for building your enterprise applications.

#### Prerequisites, Location & Materials

Please refer to the “Introduction to SELinux Policy Development” above.

#### Course Outline

Below is the course agenda. Note that these slides do not include the hands-on material used throughout the course.

##### Overview and Conceptual Understanding

- Introduction and Background
- Access Control
- Overview of Policy Concepts and Language
- Policy Mechanisms Familiarization

##### Policy Language in Detail

- Object Classes and Permissions
- Type Enforcement Rules and Macros
- Roles and Users
- Constraints and Security Contexts
- Booleans and Conditional Statements

##### Applying and Using Policies

- Building and Installing Policies
- File System Labeling
- Analyzing and Debugging Policies
- Editing and Configuring Policies

##### New Policy Technologies

- Managed Policy
- Reference Policy
- Course Summary

## REGISTRATION FORM

### COURSE

- Introduction to SELinux Policy Development  
 Advanced SELinux Policy Development

DATE(S): \_\_\_\_\_

Note: All classes are from 8:30A.M. to 4:30P.M. per day.

### ATTENDEE INFORMATION (Please Type or Print Clearly)

\_\_\_\_\_  
First Name

\_\_\_\_\_  
Last Name

\_\_\_\_\_  
Company/Organization

\_\_\_\_\_  
Address

\_\_\_\_\_  
City

\_\_\_\_\_  
State

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Zip Code

\_\_\_\_\_  
Country

\_\_\_\_\_  
Phone

\_\_\_\_\_  
Fax

\_\_\_\_\_  
Email

### FEE

#### Introduction to SELinux Policy Development

Regular      Government  
\$949            \$849

#### Advanced SELinux Policy Development

Regular      Government  
\$1,999        \$1,749

Total: \_\_\_\_\_ \* Fees (for all classes) include course enrollment, 1 license of Tresys Bedrock Development Toolkit, presentation materials, and 1 copy of the book SELinux By Example.

### METHOD OF PAYMENT

Visa

Mastercard

American Express

Discover

\_\_\_\_\_  
Card Number

\_\_\_\_\_  
Expiration

\_\_\_\_\_  
Name on Card

\_\_\_\_\_  
Cardholder's Signature

Please fax this registration form to (410) 953-0494 or mail it to the address listed above with the attention to course registration.

### CANCELLATION POLICY

Refund Policy: Refunds will be permitted until one week prior to the course start date. Course registrations may be cancelled before that date for a service charge of \$25. Cancellations must be in writing and sent to the address listed above and to the attention of course registration.