Entrust Datacard™

Managing users in Entrust Authority Security Manager Administration

Course Description

Managing users in Entrust Authority Security Manager Administration

Managing users in Entrust Authority Security Manager Administration is a one-day, hands-on overview of user management using the Entrust Authority Security Manager Administration application.

The introductory lessons of this course provide participants with background information on data security and the cryptographic operations of encryption and digital signatures. The concept of the digital ID is introduced, which leads into a discussion about digital certificates and the functionality of the Certification Authority.

Entrust Authority Security Manager serves as the Certification Authority in the Entrust public-key infrastructure. Participants will assume the role of an Administrator in the infrastructure and will log into Entrust Authority Security Manager Administration on the Windows operating system to learn how to manage digital IDs for users and devices, including registering users, activating and recovering digital IDs, changing account properties, updating key pairs and performing other routine administrative tasks.

Hands-on exercises at the end of each section provide participants with the ability to apply the knowledge gained through the lecture segment of each lesson.

Course Objectives

Upon completion of this course, participants will be able to:

- Describe the steps in the encryption and digital signature operations
- Identify the contents of the digital ID and the need for digital certificates
- Identify the components of the public-key infrastructure and describe the role of the Certification Authority
- Register digital IDs for end users and devices
- Identify the various security stores that can be used to store digital IDs
- Perform typical management operations on users and devices
- Automate administration tasks using bulk operations
- Assess logging information generated by Entrust Authority Security Manager

Products covered in this course

Entrust products covered in this course include:

- Entrust Authority Security Manager
- Entrust Authority Security Manager Administration
- Entrust Entelligence Security Provider

Prerequisites

While prior knowledge of the concepts behind the public-key infrastructure is helpful, participants do not require any previous experience with Entrust products.

Previous experience with the Windows operating system is required as the hands-on exercises are completed on computers running Windows Server 2008 R2.

Who should attend this course

This course is intended for technology professionals who will be managing the Entrust Authority Security Manager users and devices it supports, including:

- Administrators
- Customized administrative users
- Auditors
- Technical Support or Help Desk staff

Course Lessons

The **Managing users in Entrust Authority Security Manager Administration** course includes the following lessons.

LESSON 1

Security concepts

This lesson introduces the cryptographic operations of encryption and digital signatures.

LESSON 2

Digital certificates

This lesson details how identities are associated with individuals through the use of digital certificates.

LESSON 3

Entrust Certification Authority

This lesson will explore the concept of third-party trust and the responsibilities of the Certification Authority.

LESSON 4

Entrust public-key infrastructure

The lesson describes the components and roles in an Entrust public-key infrastructure.

LESSON 5

Activating the digital ID as an Administrator

This lesson examines how a new Administrator activates their digital ID in Entrust Authority Security Manager Administration.

LESSON 6

Registering new end users

This lesson examines the process for registering new end users as an Administrator in Entrust Authority Security Manager Administration.

LESSON 7

Activating the digital ID as an end user

For end users to participate in the public-key infrastructure and interact with other users, they must be issued a digital ID and have client software to access the keys and certificates. This lesson will introduce Entrust Entelligence Security Provider as one form of client software.

LESSON 8

Managing users

In this lesson, the day-to-day user management activities performed by Administrators will be examined.

LESSON 9

Bulk operations

This lesson examines bulk operations through Entrust Authority Security Manager Administration to automate administrative tasks.

LESSON 10

Logging and reporting

In this lesson, some of the tasks related to auditing system events and creating reports will be examined.