

**Entrust GetAccess
Comprehensive
Course Description**

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Entrust GetAccess Comprehensive

Entrust GetAccess Comprehensive is a four-day, instructor-led, hands-on overview of Entrust GetAccess. Course participants will plan, install and configure Entrust GetAccess and some of its optional components on Windows Server 2008 R2.

The course begins with a detailed look at the Entrust GetAccess product architecture. A single-machine installation of Entrust GetAccess is then performed, followed by comprehensive hands-on experience with the administrative tools, managing users, roles, resources, and policies. Attendees learn about customization of the environment with Entrust GetAccess Administration Service Interface (ASI), extensions, custom cookies, and integration with other authentication mechanisms. Step-up authentication is explored, including the use of Entrust IdentityGuard as a secondary authentication method. Finally, the concepts of SAML2 are explored, and the attendees configure their systems to join a classroom SAML environment.

Course Objectives

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

- Describe the function of the Entrust GetAccess product in a typical business environment
- Describe in detail the Entrust GetAccess components and architecture
- Perform server installations of the Entrust GetAccess product
- Initialize and manage users, roles, and access to resources
- Create customized Entrust GetAccess extensions, cookies, and policies
- Integrate external authentication mechanisms with Entrust GetAccess, including Entrust IdentityGuard
- Enable step-up authentication
- Describe and configure SAML2 as it relates to Entrust GetAccess

Prerequisites

While prior knowledge of the concepts surrounding authentication 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 four-day hands-on course is intended for technology professionals who will be responsible for planning, implementing, configuring, managing and supporting Entrust GetAccess.

Course Topics

Entrust GetAccess Comprehensive includes the following lessons:

LESSON 1

Introduction to Entrust GetAccess

This lesson introduces the business requirements that support the use of Entrust GetAccess in an organization.

LESSON 2

Detailed architecture

This lesson provides an overview of the Entrust GetAccess components and interfaces.

LESSON 3

Plan an Entrust GetAccess solution

This lesson describes the planning and installation tasks that must be completed when implementing Entrust GetAccess.

LESSON 4

Single machine installation

This lesson explains how to install Entrust GetAccess system components in a simple, single machine configuration.

LESSON 5

System administration

This lesson introduces the Entrust GetAccess Administration application and describes the typical system administration tasks.

LESSON 6

Role administration

This lesson examines the details for creating and managing Roles, which provide access to protected Resources in Entrust GetAccess.

LESSON 7

Resource management

This lesson describes how to effectively set up and manage protected business Resources using Entrust GetAccess.

LESSON 8

Policy administration

This lesson introduces the use of Rules and Policies to manage Entrust GetAccess.

LESSON 9

User administration

This lesson examines the setup and management of Users and User access to protected Resources through Role assignment.

LESSON 10

Administrative Roles

This lesson discusses how to configure administrative roles and permissions to customize user management.

LESSON 11

Entrust GetAccess configuration

This lesson introduces the Entrust Configuration Management Console for customizing Entrust GetAccess.

LESSON 12

Enhanced monitoring and troubleshooting

This lesson introduces the enhanced monitoring capabilities of Entrust GetAccess services.

LESSON 13

System extensions

This lesson discusses further customization of Entrust GetAccess using event triggers and custom code.

LESSON 14

Entrust Identification and Entitlements Server

This lesson describes the purpose and use of the Entrust Identification and Entitlements Server.

LESSON 15

Entrust GetAccess Administration Services Interface (ASI)

This lesson introduces the use of SOAP and Java interfaces for administering Entrust GetAccess.

LESSON 16

Advanced Policy

This lesson describes how to use User Tables, HTTP headers, and custom extensions to enrich policy definitions.

LESSON 17

Web application integration

This lesson describes the integration of Entrust GetAccess with application, content management, and portal servers.

LESSON 18

Secure Sockets Layer (SSL)

This lesson discusses the use of SSL to secure communication between the Entrust GetAccess components and the user.

LESSON 19

Entrust GetAccess step-up authentication

This lesson describes the option to add a secondary authentication requirement to user login or resource request.

LESSON 20

Entrust IdentityGuard integration

This lesson introduces Entrust IdentityGuard and its use as a secondary authentication method for Entrust GetAccess.

LESSON 21

SAML overview

This lesson briefly describes the SAML federated-identity system.

LESSON 22

SAML2 configuration

This lesson discusses how to configure a SAML federated-identity system within Entrust GetAccess.