

IDP Certification Course Offerings

TECHNICAL TRAINING

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Data Encryption and Control Certification Courses

Gemalto's Data Encryption and Control solutions focus on data—providing persistent protection of sensitive data throughout its lifecycle, wherever it resides.

Information is protected at every moment—when it is created by an employee on a company laptop, shared with a business partner via email, stored in an enterprise database, processed by an application, or accessed by a field employee on a mobile device. Security extends from the data center and cloud computing environment to desktops, laptops, mobile devices, and removable media. Even if a device is lost, stolen, or misappropriated, its data remains protected from all unauthorized users.

Gemalto KeySecure appliances are at the heart of all Gemalto data encryption and control solutions, using hardware-based encryption or a virtual-based solution for cloud environments.

KeySecure appliances deliver the highest level of data security available in a commercial solution, covering the broadest variety of data types. KeySecure offers a unified platform with data encryption and granular access control capabilities that can be applied to databases, applications, mainframe environments, and individual files. By providing centralized management of keys, policies, logging, auditing, and reporting functions, KeySecure simplifies management, helps ensure regulatory compliance, and maximizes security.

KeySecure Certification Course

The KeySecure Certification course concentrates on Gemalto's KeySecure product suite, in particular, the available appliances, key and policy management, and an overview of the solutions for databases, applications, and file servers.

In this three-day advanced course, students will focus on data center protection, including data center encryption, available appliances, and integration with databases, applications, and file system types.

Throughout the course the student will achieve a deep understanding of key and policy management, and the process of database record encryption, encryption at the application layer, and file encryption using the KeySecure solution.

The instructor will provide a feature overview and a live demo for each product and solution. This session is followed by a guided lab session in which the student will install and configure the products.

Course Agenda

- KeySecure Product Family Overview
- KeySecure Solution and Key and Policy Management
- Overview of Data Center and Endpoint Solution Suites
- Solution Integration
- Appliances
- KeySecure Licensing
- KeySecure Database Encryption
- ProtectDB and KeySecure for Database Security
- Database Encryption Process
- Use Cases for Database Encryption
- KeySecure Application Encryption
- ProtectApp and KeySecure for Application Security
- Application Encryption Processes
- Use Cases for Application Encryption
- KeySecure File Encryption
- ProtectFile and KeySecure for File Server Encryption
- Understanding Access Policies
- Use Cases for File Servers

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