

IDP Certification Course Offerings

TECHNICAL TRAINING

Table of Contents

Hardware Security Modules (HSM) Certification Courses	2
General Purpose HSM Certification Course.....	2
Luna EFT HSM Certification Course.....	3

Hardware Security Module (HSM) Certification Courses

Gemalto's Hardware Security Modules (HSMs) provide reliable protection for applications, transactions, and information assets by securing cryptographic keys. HSMs are the fastest, most secure, and easiest application security solution to integrate for enterprise and government organizations to achieve regulatory compliance, reduce the risk of legal liability, and improve profitability.

General Purpose HSM Certification Course

The General Purpose HSM Certification course focuses on the main HSM types in use, and in particular, the Luna SA. The theoretical part of this course focuses on product description, solution architecture, deployment, and maintenance, while the practical sessions include product administration, integration, and troubleshooting. These are all hands-on sessions in which a Luna SA HSM is installed and configured to demonstrate a working solution. Certification is granted after completing the course and passing the relevant certification exam.

A module on Crypto Command Center is included in this HSM course. Enterprises and Service Providers can now securely and easily manage their crypto resources from one central location. With Crypto Command Center, customers can exploit the benefits of virtualization through the management of HSMs, and expand their IT infrastructure in physical, cloud, hybrid cloud, and virtual environments.

This certification course provides an extensive examination of Crypto Command Center's ability to provision service and enable the crypto-as-a-service concept. Students will install the product and use it to simulate a working environment.

Course Agenda

- Hardware Security Modules Overview
- Luna Product Family Overview
- Device Offering
- Order Information and Licensing
- Common Use Cases
- Device Architecture
- Usage Schemes
- Troubleshooting
- Crypto Command Center
- System Installation and Configuration
- Basic Configuration
- High Availability
- Backup Methods
- Audit and Logging
- HSM Tools

Luna EFT HSM Certification Course

The Luna EFT HSM provides FIPS 140-2 Level 3-certified physical and logical protection to the cryptographic keys used to secure financial transactions. As a PCI-certified HSM, Luna EFT adheres to the highest level of security in the industry.

This course provides the student with the basics needed to install and integrate a Luna EFT HSM, as well as practical exercises in hands-on sessions. The course focuses on the setup of the Luna EFT appliance, EMV regulations support, and advanced options.

Course Agenda

- Introduction to the World of Electronic Payments
- Transaction Processing and Card Issuance
- Magnetic Stripe and EMV Technology
- Point-to-Point Encryption (P2PE) Overview (Derived Unique Key Per Transaction (DUKPT))
- Global Platforms
- Hands-on Labs (including writing and executing scripts to simulate a real-world environment)

Contact Us: For all office locations and contact information, please visit www.gemalto.com