Training: Micro Focus
SD140 - SecureData Fundamentals

TRAINING GOALS:

This SecureData (formerly Voltage) Training is designed to help customers recognize the functionality of SecureData products, aimed at meeting their organization's data security requirements. This course provides demonstrations and hands-on activities using a practical, solutions-based approach.

Upon successful completion of this course, you should be able to:

Upon successful completion of this course, you should be able to:

- Identify the SecureData solution

- Recognize Protection types and formats

- Describe appliance hardening

- Explain Common Errors and apply fixes

- Identify design, authentication and authorization procedures

- Recognize implementation approaches

- Define tokenization

- Describe Web Services usage

- Explain API and Command Line tools

Audience/Job Roles

This course is intended for all members of the project team, including security teams, architects, project managers, developers, and operations personnel.

CONSPECT:

- Introduction to Data Security
  - Recognize the Atalla and Security Voltage products
  - Describe Data-centric security and encryption solutions
  - Explain Advanced encryption, tokenization, and key management
  - Describe the Patented Technology
  - Simplify protection of sensitive data in complex data security use cases
- SecureData Application Overview

- - Recognize the requirements for installing SecureData
  - Do a basic SecureData configuration

- Protection Types and Formats
  - Recall the various types of formats and give examples
  - Differentiate between encryption and tokenization
  - Explain the process that takes place during encryption and decryption

- Tokenization
  - Define Security Tokenization and how it is used
  - Define Secure Stateless Tokenization (SST)

- Identity Design, Authentication and Authorization
  - List characteristics of Authentication
  - List Authorization properties
  - Evaluate the use of Authentication and Authorization

- Scaling and Operations
  - Recognize the principles of scaling and server setup
  - Define the logging options

- Implementation Approaches
  - Compare different types of data flow
  - Plan and implement a protected environment
  - Describe various forms of implementation

- Common Mistakes
  - Identity common errors when deploying SecureData Voltage
  - Summarize troubleshooting patches and updates
  - Create policies to strengthen management policy

- Appliance Hardening
  - Discuss the SecureData appliance hardening
  - Describe Hardware Security Module (HSM) integrations
  - Identify the various types of supported encryption communications
  - Differentiate the various types of Authentication
  - Explain the concept of Dual Control

- Web Service Usage
  - Explain the architecture of web services
  - Identify the common parameters and operations
  - List common points of confusion

- API and Command Line Tools Overview
  - Compare the tools and how they communicate

- Demonstrate the programming tools that are used
- Identify the different tools used in the Command Line

REQUIREMENTS:

To be successful in this course, you should have the following prerequisites or knowledge:

- Have an understanding of your organization's security requirements
- Basic understanding of the SecureData solution

Difficulty level

CERTIFICATE:

The participants will obtain certificates signed by Micro Focus (course completion).

TRAINER:

Authorized Micro Focus Trainer.