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:

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- 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.