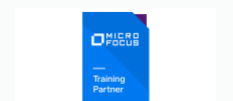


Training: Micro Focus SD140 - SecureData Fundamentals



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
 - Identify 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.