

Planning and Deploying BitLocker Drive Encryption

Duration: 2 Day(s)

Course Overview

This 2-day instructor-led course teaches you everything you need to know about BitLocker. This course includes hands-on labs. These labs reinforce and expand on the instructor-led portion by having you actually deploy and operate BitLocker. You'll practice techniques for setting up a BitLocker-enabled environment, implementing BitLocker on multiple system configurations, and recovering BitLocker after the detection of a possible compromise.

Data security is an increasingly critical part of IT. More and more organizations require data encryption in order to meet regulatory security requirements. BitLocker Drive Encryption is a popular choice to meet these requirements. BitLocker is a highly effective and low-cost data encryption technology that's built into Windows. But because of this strong protection, your organization must understand and carefully plan for BitLocker deployment to avoid data loss and system downtime.

Although the labs focus primarily on Windows 10 and Windows Server 2012, the class also applies to Windows 7, Windows 8, Windows Server 2008, and Windows Server 2016.

Review this course online at <https://www.alta3.com/courses/SECBITLK>

Objectives

- Plan a comprehensive BitLocker deployment strategy.
- Design recovery solutions for lost encryption keys.
- Implement BitLocker on various system configurations.
- Support BitLocker through integration with enterprise management tools.

Who Should Attend

- CISOs
- IT Architects
- System Administrators
- Technical Support Engineers

Prerequisites

A strong understanding of Windows deployment and management in an enterprise environment is required. Familiarity with cryptography and data storage technology is highly recommended.

Course Outline

Understanding and Analyzing BitLocker

Planning a BitLocker Deployment

Integrating BitLocker with Active Directory

Integrating BitLocker with Microsoft BitLocker Administration and Monitoring (MBAM) and System Center Configuration Manager (SCCM)

Deploying BitLocker to Individual Devices

Deploying BitLocker to Multiple Devices in an Enterprise

Managing BitLocker in an Enterprise

Supporting and Troubleshooting BitLocker

Performing BitLocker Data Recovery