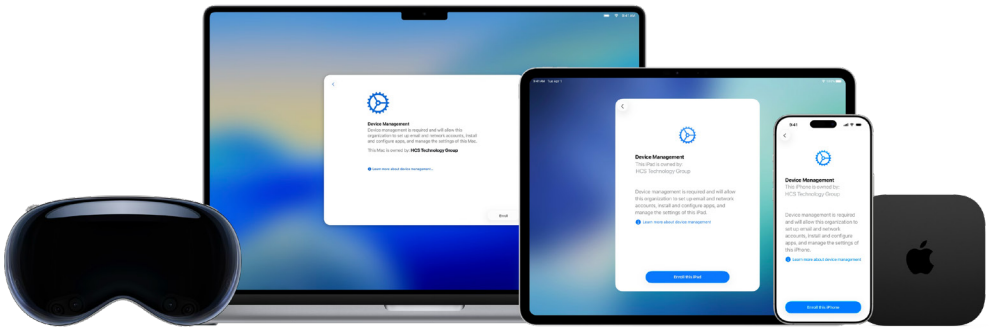
Apple Deployment and Management



Objectives
Apple Deployment and Management

Understanding Device Management Services
- Understanding How Device Management Services Work
- Exploring Apple's Device Management Service Framework
- Planning Device Ownership and Enrollment

Planning for Implementation
- Evaluating Device Management Services
- Preparing Your Network
- Evaluating Authentication and User Services
- Designing a Security Strategy
- Understanding Digital Certificates

Setting Up Your Organization
- Using Apple Business Manager or Apple School Manager
- Adding Locations and Users
- Adding a Device Management Service
- Manually Adding Devices to Your Organization

Preparing for Content Distribution
- Buying Content Through Apps and Books
- Understanding Content Caching
- Enabling Content Caching
- Configuring Content Caching Advanced Settings
- Optimizing Content Caching

Enabling Automated Device Enrollment
- Managing Device Assignments
- Exploring Apple Configurator Features
- Automating Bulk Deployments
- Creating Custom Configuration Profiles
- Managing Enrollment and Setup Assistant
- Choosing Personalization Options

Understanding Device and User Enrollment
- Understanding Device Enrollment
- Enrolling User-Owned Devices
- Supporting Shared iPad
- Distributing Devices

Managing Device Network Configurations
- Joining Wi-Fi Networks
- Configuring Network Settings
- Using VPN on Apple Devices

Managing Content
- Choosing a Distribution Method
- Managing Apps

Managing Data
- Managing Organization Apps and Data
- Preventing App Removal or Installation
- Protecting Data with FileVault

Managing Device Security
- Managing Software Updates
- Using Passcode Payloads
- Using Restrictions Payloads
- Managing Thunderbolt and USB Pairing
- Managing Certificates
- Querying Devices

Managing Traffic
- Managing Network Traffic
- Configuring App Priorities

Managing Lost Devices
- Using Device Management Services to Manage Lost Mode
- Managing Lost Devices
- Managing Activation Lock

Redeploying and Recycling Devices
- Preparing Devices for a Return to Service
- Giving Devices a Second Life

Developing Your Mac Compliance Strategy
- Implementing a Security Strategy
- Preparing to Use the macOS Security Compliance Project

Developing Your Mac Compliance Strategy
- Implementing a Security Strategy
- Preparing to Use the macOS Security
- Compliance Project
- Using the macOS Security Compliance Project
- Generating Baselines and Guidance
- Identifying Security Gaps

Implementing Your Strategy
- Customizing Values in a Baseline Approach
- Checking Compliance on Endpoints in a Baseline Approach
- Fixing Compliance on Endpoints in a Baseline Approach
- Customizing Rules in a Risk-Based Approach
- Checking Customized Rules in a Risk-Based Approach
- Fixing Customized Rules in a Risk-Based Approach