



# iOS Deployment Essentials

Course Description



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iOS Deployment Essentials is a two-day course that provides students an opportunity to learn about the skills, tools, and knowledge needed to deploy iOS devices. Interactive discussions and hands-on exercises guide students through the configuration, management, and supervision of iOS devices. The students' knowledge and skills are tested and reinforced by working through real-world scenarios.

## Who should attend

- Technical sales professionals who assist customers in their decision to purchase iOS devices
- IT professionals who are responsible for deploying and managing iOS devices

## Objectives

- Define the role of Mobile Device Management (MDM), Volume Purchase Program (VPP), and Device Enrollment Program (DEP) in the successful deployment of iOS devices
- Identify and respond to challenges when deploying and managing devices without MDM
- Explain what an Apple ID is and identify when it's needed
- Discuss how security is relevant in the context of a given deployment scenario
- Design and implement a deployment solution for a given scenario
- Configure DEP registered devices for over-the-air enrollment
- Configure and manage settings, apps, and content on user-owned and company-owned devices

## Agenda

**Manual configuration:** This lesson explores the challenges and inconsistencies when manually configuring multiple devices.

**Configuration profiles:** Students use Apple Configurator to view and edit a configuration profile, and learn how profiles ensure consistency across multiple devices.

**Manage settings:** This lesson introduces the iOS MDM protocol and explores how an MDM solution is used to configure and manage devices over-the-air with consistency and accountability.

**Apps and content:** This lesson introduces and defines VPP. Students assign apps and content to their user and then configure and test managed "open in" functionality.

**Company-owned (personalized):** Students configure settings to enable over-the-air enrollment and supervision, and learn how users can personalize company-owned devices.

**Company owned (shared):** Students configure and test shared device scenarios. Apps and content are distributed to the devices but users can't personalize their device.

**Scenario workshop:** Students are given real-world deployment scenarios. Working in teams, they design a deployment that meets their scenario's needs and then present their solution to the class.