

55078: Mobile Device Management

Course Details

Course Outline

1. Overview of Mobile Device Management

- What is Mobile Device Management?
- Overview of Device Management Options

2. Mobile Device Management Strategy and Infrastructure

- Planning for a Mobile Device Management Strategy
- Designing a Mobile Device Management Infrastructure with Windows Server 2012 R2
 - **Lab: Create the Mobile Device Management Infrastructure**
 1. Exercise: Prepare Active Directory.
 2. Exercise: Prepare the Certification Authority.
 3. Exercise: Prepare Active Directory Federation Services (ADFS).

3. Workplace Join and Work Folders

- Workplace Join for Mobile Devices
- Work Folders
 - **Lab: Workplace Join Windows and iOS Devices**
 1. Exercise: Prepare the Workplace Join Infrastructure.
 2. Exercise: Workplace Join an iOS Device.
 3. Exercise: Workplace Join a Windows Device.
 - **Lab: Work Folders**
 4. Exercise: Create the Work Folders Infrastructure.
 5. Exercise: Install Work Folders on Devices.

4. Web Application Proxy

- Web Application Proxy Overview
- Installing the Web Application Proxy Role Service
- Configuring the WAP and Publishing Applications
 - **Lab: Web Application Proxy**
 1. Exercise: Prepare the web application (website) on the SCCM virtual machine.
 2. Exercise: Prepare the certificates.
 3. Exercise: Install Web Application Proxy.

4. Exercise: Publish the application in Web Application Proxy.
- 5. Mobile Device Management Security**
- Overview of Enterprise and Mobile Device Management Security
 - Hardening the Mobile Device Management Infrastructure
 - **Lab: Securing the MDM Infrastructure and Communications**
 1. Exercise: Secure Accounts Used by MDM.
 2. Exercise: Use Bitlocker to Encrypt a Client System.
 3. Exercise: Configure IPSec.
- 6. Mobile Device Lifecycle and Application Management**
- Mobile Device Lifecycle Management
 - Configuring the SCCM Windows InTune Connector
 - Mobile Device Application Management
 - **Lab: Managing Mobile Devices with SCCM and Windows InTune**
 1. Exercise: Create the Microsoft and Windows InTune Accounts.
 2. Exercise: Connect Windows InTune and Active Directory.
 3. Exercise: Configure Windows InTune to be managed by Configuration Manager.
 4. Exercise: Enroll an External Device in Windows InTune.