

MAC OS X: Installation and Support



Duration: 3 Days

Method: Hands-on, Instructor-led

MACOSXIS

Mac OS X Overview

What is the Mac OS
Exploring Operating System Features

Installing OS X

Configuring OS X Clients and Servers
Establishing Requirements for Interoperability
Prepare and Partition the Drive
Installing Mac OS X
Using the Installer Log Files
Using the Setup Assistant
Using Software Update and Installer

Using File Systems

File Systems Supported by Mac OS X
File and Directory Ownership and Permissions
Disk Utility and File Repair
Managing the File System with Finder
Uncovering the UNIX File System
Manipulating the File System with Terminal
File Types Unique to Mac OS X
Archiving and Restoring Data with Time Machine
Managing Backup Data
How to Access the Data Outside of Time Machine

Managing OS X Network Integration

Setting Network Preferences
Basic Networking Configuration
TCP/IP networking
Multiple Network Connections
Establishing Appropriate Protocols for Communication
Activating Network Devices: Ethernet, Bluetooth and AirPort
Selecting Network Preferences Using the Sharing Panel

User Account Administration

Adding Users
Defining Security for User Accounts
Crafting OS X and Windows Workgroups
Create and Manage Administrator Accounts
Password Selection
Keychain
FileVault

Sharing Files Between Macs

Setting Permissions on File System Objects
Connecting Macs with SMB and AFP Protocols
Browsing for Mac Resources with Finder
Connecting with PCs using SMB

Building Centralised Directory Services

Integrating OS X into the Windows Active Directory (AD)

Implementing LDAP Services: AD and Open Directory

Configuring AD for Mac Integration
Building AD Containers and Objects
Establishing AD Security for OS X clients
Configuring Directory Services on an OS X Client

Leveraging Directory Utility for Enterprise Access

Activating the AD plug-in and Open Directory Components
Simplifying OS X and Windows Administration

Managing Network Resources and Clients

The AD Users and Computers (ADUC) tool
Authenticating Users with Kerberos

Establishing Kerberos Authentication Paths

Investigating Kerberised Applications

Printers

Connecting Printers to a Mac
Device Drivers for Common Printers
Managing Printers
Print-Job Management

Startup Process

Troubleshooting Boot Issues
Understanding the Startup Process
Automatic Process Launching

Course Overview

This course is designed for system administrators and IT professionals who need to gain specific knowledge about directory services, how to effectively configure Mac OSX computers to access directory services to provide directory services in a mixed-platform environment.

Course Aims

This 3 day course focuses on the Mac OS X as a directory service client. Offering Cross platform solutions. In working with Mac OS X, students learn how to use network accounts and Kerberos authentication with any common directory service, such as Microsoft's Active Directory, or an industry-standard LDAP server. The course is a combination of lecture and hands-on case study exercises that provide practical real-world experience.

Course Pre-requisites

Delegates should be comfortable working in a Windows environment. No prior knowledge of databases or Access is assumed.

Qualification Map

None.

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