



Snow 301: Mac OS X Directory Services

Mac OS 10.6 Course

\$2000

four-day hands-on course

9am-5pm

overview

This four-day course focuses on both Mac OS X as a directory service client, and Mac OS X Server as a directory server. Cross platform solutions are emphasized in both instances. In working with Mac OS X, students learn how to use network accounts and Kerberos authentication with any common directory service, such as Apple's Open Directory, Microsoft's Active Directory, or an industrystandard LDAP server.

In working with Mac OS X Server, students learn how to run a robust, scalable directory system using Apple's Open Directory server. Students also learn how to use Mac OS X Server to augment an existing directory service infrastructure. The course is a combination of lecture and hands-on case study exercises that provide practical real-world experience.

prerequisites

Basic troubleshooting experience or Snow 101; basic Mac OS X Server experience or Snow 201; understanding of basic IP networking, including IP address, subnet masks, ports, and protocols; experience using the command-line interface with Mac OS X

who should attend

System administrators and IT professionals who need to gain specific knowledge about directory services, how to effectively configure Mac OS X computers to access directory services, and configure Mac OS X Server to provide directory services in a mixed-platform environment.

certification

Demonstrate your knowledge by passing the Mac OS X Directory Services 10.6 exam. This exam counts towards Apple Certified Specialist - Directory Services 10.6 & Apple Certified System Administrator 10.6.

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topics

accessing the local directory service

Creating and editing local users; creating and editing local groups; troubleshooting login issues.

accessing an open directory system

Configuring Mac OS X client computer to log in using an Open Directory master; configuring Directory Services search paths; troubleshooting binding issues; troubleshooting login issues.

accessing an LDAP server

Populating an LDAP server with information required by Mac OS X for network login; configuring Mac OS X client computer to log in using a standard LDAP server; troubleshooting login issues.

accessing an active directory system

Configuring Mac OS X client computers to log in using an Active Directory system; troubleshooting binding issues; troubleshooting login issues.

configuring an open directory server

Configuring Mac OS X Server as an Open Directory master; configuring Mac OS X Server as a Primary Domain Controller; managing data stored in an Open Directory master; troubleshooting issues promoting Mac OS X Server to an Open Directory master.

configuring open directory replicas

Configuring Mac OS X Server as an Open Directory replica; troubleshooting Open Directory replication.

Connecting Mac OS X Server to an Open Directory System

Configuring a Mac OS X Server to connect to an existing Open Directory server; configuring a service to use an Open Directory network user or group; troubleshooting binding issues; troubleshooting authentication issues.

Integrating Mac OS X Server with Other Systems

Configuring Mac OS X Server to supplement directory data provided by a third-party server; configuring Mac OS X Server services to authenticate in a third-party Kerberos realm; configuring a third-party server to authenticate using an Open Directory KDC.

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