



Snow 303: Mac OS X Security & Mobility

Mac OS 10.6 Course \$1500 three-day hands-on course 9am-5pm

overview

This three-day course focuses on strategies for providing secure access from mobile devices to services running on private networks. Working with Mac OS X Server, students learn how to securely provide network services such as web, mail, and calendar to mobile computers and devices, such as the iPhone. Students will also learn the basics of deploying both web and native applications on mobile devices such as the iPhone using Xcode, Dashcode, and the iPhone Configuration Utility.

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

This class is for Mac OS X system administrators who need to gain specific knowledge about DNS, VPN, firewalls, certificates and proxy servers; effectively configure mobile devices that are connected to public networks to access service running on a private network; configure Mac OS X Server to provide trusted authentication to proxied services such as web, mail and calendar.

certification

Demonstrate your knowledge by passing the Mac OS X Deployment 10.6 exam. This exam counts towards Apple Certified Specialist - Deployment10.6 & Apple Certified System Administrator 10.6.

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- topics continued on page 2 -



topics

DNS

Creating and editing zones; verifying forward and reverse lookups; configuring split-DNS; creating secure and private DNS servers; troubleshooting name resolution.

DHCP

Configuring Mac OS X client computer to obtain an IP address from a DHCP server; configuring secure DHCP address distribution; troubleshooting host configuration issues; troubleshooting address conflicts.

NAT/Gateway

Configuring Mac OS X Server to provide network address translation services; configuring Mac OS X client computer to access public services through a gateway server; troubleshooting address translation issues.

firewalls

Configuring Mac OS X Server computer to restrict IP access to services.

VPN

Establish secure connections between clients connected to a public network and services running on private intranets.

keys & certificates

Establish trusted and validated connections between clients and services.

providing iPhone applications

Create, distribute, and install configuration profiles with the iPhone Configuration Utility (iPCU). Using Xcode and Dashcode to develop and deploy native and web application for iPhone and iPod touch.

mobile access server

Provide secure, public access via proxy servers connected to a public network to Address Book, iCal, Mail, and Web services hosted on origin servers located on a private intranet.

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