



The Mac OS X Server Essentials v10.4 Exam Skills Assessment Guide

The Mac OS X Server Essentials v10.4 Exam (Prometric exam no. 9L0-507) is a computer-based test offered at Authorized Prometric Testing Centers.

The exam is one of two required exams in the Apple Certified Technical Coordinator (ACTC) 10.4 track. You must pass this exam and the Mac OS X Support Essentials v10.4 Exam to become an ACTC 10.4.

The exam lasts two hours and consists of 56 multiple-choice questions that are based on the knowledge-area objectives listed in this guide.

The score required to pass is 65 percent (37 items out of 57). Eight demographic questions are presented but are not scored.

To prepare for the exam, read through the objectives in this guide to determine which areas you need to review. You will not have access to any resources or references during the exam. Please note that the exam is based on Mac OS X Server version 10.4.

The number of test questions drawn from each knowledge area is indicated for each topic below. Please note that although this guide divides the objectives into 13 knowledge areas, questions are presented randomly during the exam. Also note that UNIX commands and processes are shown in monotype in the exam.

Installation and Configuration

This topic has 4 items, drawn randomly from the following objectives:

- Recognize computers that meet the minimum requirements to run Mac OS X Server
- Describe how to:
 - Use Server Assistant to remotely install Mac OS X Server
 - Use the Installer log to identify and isolate installation issues
 - Use Server Assistant to perform the initial configuration of a computer running Mac OS X Server
- Identify and describe the purposes of Server Admin and Workgroup Manager utilities

Network Services

This topic has 2 items, drawn randomly from the following objectives:

- Describe how to:
 - Use Server Admin to configure valid DHCP subranges, the DNS and LDAP information that a DHCP subrange will provide, and DNS services on Mac OS X Server
 - Use Server Admin to monitor usage of DNS services on Mac OS X Server
 - Use Network Utility to troubleshoot DNS record issues
 - Setup Mac OS X Server to download software updates from Apple and serve the updates to computers on the local network

Gateway Services

This topic has 3 items, drawn randomly from the following objectives:

- Describe how to:
 - Use Gateway Setup assistant to configure Firewall, NAT, and VPN Services
 - Use Server Admin to enable, configure, and monitor firewall service
 - Use Server Admin to filter IP traffic based on destination IP port and originating address
 - Use Server Admin to enable, configure, and monitor Network Address Translation (NAT) service
- Identify which rule is applied to a given packet, given a set of firewall rules
- Describe the relationship between IP ports and services on an IP host
- Describe how to set up and configure VPN services

Authentication and Authorization

This topic has 5 items, drawn randomly from the following objectives:

- Describe how to:
 - Configure Mac OS X Server to control access to an account and access to files and folders based on user and group accounts
 - Use Workgroup Manager to configure share points and permissions
 - Use Workgroup Manager to create local user accounts and groups
- Recognize the purpose of authentication and authorization in Mac OS X Server

Open Directory

This topic has 9 items, drawn randomly from the following objectives:

- Describe how to:
 - Use Open Directory and Directory Access to configure Open Directory search policies
 - Use Workgroup Manager to create network user accounts
 - Use Open Directory's authentication authority to authenticate a user account
 - Configure a local NetInfo directory
 - Configure network mounts using Workgroup Manager

Print Services

This topic has 4 items, drawn randomly from the following objectives:

- Describe how to:
 - Use Server Admin to configure print service on Mac OS X Server
 - Use Server Admin to share printers over AppleTalk, LPR, IPP, or SMB
 - Use Server Admin and Workgroup Manager to enable user print quotas on printer queues
 - Use Server Admin to monitor print jobs for a given queue

File Services

This topic has 13 items, drawn randomly from the following objectives:

- Describe how to:
 - Configure Mac OS X Server to control access to files and provide services based on user and group accounts for Macintosh and Windows clients, to share files simultaneously with Macintosh, Windows, and UNIX clients, and to provide file services to FTP clients
 - Configure Mac OS X Server to provide dynamic automounts
- Identify how to troubleshoot file services on Mac OS X Server

Account Management

This topic has 11 items, drawn randomly from the following objectives:

- Describe how to:
 - Create and configure home folders for network user accounts
 - Create and manage access to shared group folders
 - Manage user, workgroup, and computer preferences
 - Create and configure network browsing and the /Network experience
 - Create mobile accounts and configure server for mobile home folders
 - View and edit an application's preferences

Deployment Solutions

This topic has 5 items, drawn randomly from the following objectives:

- Describe how to:
 - Create NetBoot and Network Install images and configure the server to allow NetBoot and Network Install
 - Use PackageMaker to create a custom installation package
 - Use Remote Desktop Admin to install custom packages and configure startup disks

To Register

You are required to have an Apple Tech ID number before registering for an exam. You can apply for a Tech ID by following the instructions at certifications.apple.com. Then, to register for an exam, call Prometric toll-free at 888-APL-EXAM (888-275-3926) or register online at 2test.com.

To register for an Apple Training course, please visit www.apple.com/training or call 800-848-6398 in the US or Canada. To schedule an onsite course at your organization's location, please call 800-848-6398 or email abouttraining@apple.com.

For More Information

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