



Mac OS X Advanced System Administration v10.5 Sample Test

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The Mac OS X Advanced System Administration v10.5 Exam (Prometric exam no. 9L0-621) is a computer-based test offered at Apple Authorized Training Centers and Prometric Testing Centers.

The exam is one of four required exams in the Apple Certified System Administrator (ACSA) 10.5 certification track. You must pass this exam, the Mac OS X Server Essentials v10.5 Exam, the Mac OS X Deployment v10.5 Exam, and the Mac OS X Directory Services v10.5 Exam to become ACSA 10.5 certified.

This Sample Test presents ten questions similar in style and content to those presented in the Mac OS X Advanced System Administration v10.5 Exam. Reviewing these Sample Test questions can familiarize you with the type of questions posed in the exam. Questions on the exam will vary in content and may be more or less difficult than these.

Please visit the ACSA certification page (training.apple.com/certification/acsa) and download the Mac OS X Advanced System Administration v10.5 Exam Skills Assessment Guide for a detailed description of the exam, including reference text title, learning objectives, number of questions, time limit, and required score.

To use this Sample Test, answer the questions below, then refer to the answer key at the end of this document. Please note that UNIX commands and processes are shown in `monospace` in this Sample Test and in the actual exam. Also, a calculator will be available for certain test items that require you to perform arithmetic calculations.

Sample Questions

1. In an environment where a server is providing services to connected clients, which statement best defines “utilization”?
 - A. The total capacity of various resources, such as CPU processor cycles, RAM, bandwidth, and storage
 - B. The amount of usage of various resources, such as CPU processor cycles, RAM, bandwidth, and storage
 - C. The ratio of usage to capacity of various resources, such as CPU processor cycles, RAM, bandwidth, and storage
 - D. The difference between usage and capacity of various resources, such as CPU processor cycles, RAM, bandwidth, and storage

2. In an environment in which a server is providing services to connected clients, which statement best defines “headroom”?
- A. The total capacity of various resources, such as CPU processor cycles, RAM, bandwidth, and storage
 - B. The amount of usage of various resources, such as CPU processor cycles, RAM, bandwidth, and storage
 - C. The ratio of usage to capacity of various resources, such as CPU processor cycles, RAM, bandwidth, and storage
 - D. The difference between usage and capacity of various resources, such as CPU processor cycles, RAM, bandwidth, and storage
3. Review the Xserve configuration details and specifications, then answer the question below.

Xserve (Early 2008):

- Two 3.0 GHz Quad-Core Intel Xeon processors
- Three 300 GB SAS Apple Drive Modules @ 15,000 rpm
- Eight 4 GB 800 MHz DDR2 ECC fully-buffered DIMMs (RAM)
- Xserve RAID card
- ATI Radeon X1300 Graphics with 64 MB RAM
- (no PCI cards)

Power Consumption			Thermal Output		
Idle	CPU Max	CPU+Disk Max	Idle	CPU Max	CPU+Disk Max
300 W	395 W	409 W	1021 BTU/h	1344 BTU/h	1391 BTU/h

What is the maximum number of Xserves, configured as described above, that can power up from a UPS with a maximum rating of 3000VA?

- A. 4
 - B. 5
 - C. 6
 - D. 7
4. Which TWO tools can you use to determine the availability of services being provided by a Mac OS X Server v10.5 computer?
- A. iostat
 - B. tcpdump
 - C. netstat

- D. Server Admin
 - E. Server Monitor
 - F. `serveradmin`
5. You should review the contents of which TWO folders to understand the upgrade history of a Mac OS X Server v10.5 computer?
- A. `/var/log/`
 - B. `/etc/swupd/`
 - C. `/var/db/swupd/`
 - D. `/Library/Receipts/`
 - E. `/System/Library/Receipts/`
6. Which strategy can prevent DNS service outages due to query overload?
- A. Reduce the time interval specified for the cache-flushing variable in the DNS service's primary configuration file.
 - B. Configure a secondary DNS server and place the IP address for the new server in the lookup tables of all client machines.
 - C. Install an additional NIC in the DNS server and modify the BIND configuration to rotate queries between all network interfaces.
 - D. Restrict access to DNS service by creating a Service ACL that causes your DNS server(s) to ignore queries from IP addresses in the blacklist.
7. Which TWO command-line tools are helpful if you need to troubleshoot a reverse lookup for a primary zone?
- A. `dig`
 - B. `dscl`
 - C. `host`
 - D. `netstat`
 - E. `tcpdump`
8. Which procedure should an administrator perform to prevent specific users from increasing their privileges when using the Terminal application to run restricted programs?
- A. Using a text editor, edit the `/etc/authorizations` file to restrict those users' access.
 - B. Using Workgroup Manager, manage Terminal preferences to restrict those users' access.
 - C. Using `visudo` as root, add entries to the "User privileges" section of the `/etc/sudoers` file to restrict those users' access.
 - D. Create a file system ACL on the directory that contains the programs whose use you want to restrict, and exclude those users from the ACL group assigned to that folder.

9. In Mac OS X Server v10.5 , which command-line tool can you use to check a property list file for syntax errors?
- A. plutil
 - B. defaults
 - C. pmap_set
 - D. pmap_dump
 - E. PlistBuddy
10. In Mac OS X v10.5, which TWO tools can you use to take screenshots?
- A. Grab
 - B. plutil
 - C. System Profiler
 - D. systemsetup
 - E. screencapture
 - F. system_profiler

Answer Key

1. C
2. D
3. A
4. DF
5. AD
6. B
7. AC
8. C
9. A
10. AE

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