

Hot XK0-006 Test Questions Fee | Latest CompTIA XK0-006: CompTIA Linux+ Certification Exam 100% Pass



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CompTIA XK0-006 Exam Overview:

Certification Vendor:	CompTIA
Exam Name:	CompTIA Linux+ Certification Exam
Exam Number:	XK0-006
Certificate Validity Period:	3 years
Related Certifications:	CompTIA A+ CompTIA Network+ CompTIA Server+
Real Exam Qty:	Up to 90
Passing Score:	720 (scale 100–900)
Available Languages:	English
Exam Price:	\$358 USD
Exam Format:	Multiple-choice, Performance-based questions
Exam Duration:	90 minutes
Recommended Training:	CompTIA CertMaster Learn CompTIA Official Study Materials
Exam Registration:	Pearson VUE Exam Scheduling CompTIA Official Registration
Sample Questions:	CompTIA XK0-006 Sample Questions
Exam Way:	Online proctored or onsite at Pearson VUE testing centers
Pre Condition:	No mandatory prerequisites; 12 months of hands-on Linux experience or CompTIA A+/Network+/Server+ recommended
Official Syllabus URL:	https://www.comptia.org/certifications/linux

Quiz XK0-006 - CompTIA Linux+ Certification Exam High Hit-Rate Test Questions Fee

If you want to demonstrate your expertise in solving complex CompTIA real-life problems, then you need to pass the CompTIA XK0-006 certification exam. However, passing this exam is not an easy task. It requires you to master complicated subjects related to CompTIA Linux+ Certification Exam. To help you prepare for this exam, Fast2test offers verified CompTIA XK0-006 Exam Questions that are ruling the preparation world.

CompTIA XK0-006 Exam Syllabus Topics:

Topic	Details
Topic 1	• Troubleshooting: Addresses diagnosing and resolving issues across system health, hardware, storage, networking, security configurations, and performance optimization.
Topic 2	• Automation, Orchestration, and Scripting: Covers task automation with tools like Ansible, shell and Python scripting, Git version control, and responsible AI-assisted development.
Topic 3	• Services and User Management: Covers day-to-day Linux administration including file management, user accounts, processes, software, services, and container operations.
Topic 4	• Security: Focuses on securing Linux systems through authentication, firewalls, OS hardening, account policies, cryptography, and compliance checks.

CompTIA Linux+ Certification Exam Sample Questions (Q102-Q107):

NEW QUESTION # 102

A systems administrator needs to check the statuses of all the services on a Linux server. Which of the following commands accomplishes this task?

- A. `systemctl list-units --type=services`
- B. `systemctl list-sockets --type=services`
- C. `systemctl is-enabled --services`
- D. `systemctl is-active --services`

Answer: A

Explanation:

Service management using systemd is a core Linux+ V8 system management objective. Administrators frequently need to view the current status of all services to determine which ones are running, stopped, failed, or inactive.

The correct command is `systemctl list-units --type=services`, which displays all loaded service units along with their current state, including whether they are active, inactive, failed, or running. This provides a comprehensive, real-time view of service statuses on the system and is commonly used during troubleshooting and audits.

Option A, `systemctl is-active`, is designed to check the status of a single service, not all services. Option B lists socket units, not services. Option C, `systemctl is-enabled`, checks whether services are enabled at boot, not whether they are currently running. Linux+ V8 documentation explicitly references `systemctl list-units --type=service` as the primary command for viewing service runtime states. Therefore, the correct answer is D.

NEW QUESTION # 103

A newly hired Linux administrator needs to grant access to the Linux servers by generating a password-protected RSA key of 4096 bytes. Which of the following commands will accomplish this task?

- A. `ssh-keygen -t rsa -b 4096`

- B. `ssh-keygen -t dsa -B 4096`
- C. `ssh-keygen -k rsa -l 4096 -p`
- D. `ssh-keygen -RPb 4096`

Answer: A

Explanation:

The `ssh-keygen` command is used to generate SSH key pairs. To generate an RSA key with a length of 4096 bits, the correct syntax is:

1. `-t rsa`: Specifies the type of key to generate, which is RSA.
2. `-b 4096`: Specifies the number of bits for the key, in this case 4096.

By running this command, the user will be prompted to enter a passphrase to password-protect the key, which satisfies the requirement for generating a password-protected RSA key of 4096 bits.

NEW QUESTION # 104

A Linux administrator wants to make the `enable_auth` variable set to 1 and available to the environment of subsequently executed commands. Which of the following should the administrator use for this task?

- A. `export ENABLE_AUTH=1`
- B. `ENABLE_AUTH=1`
- C. `let ENABLE_AUTH=1`
- D. `ENABLE_AUTH=$(echo $ENABLE_AUTH)`

Answer: A

Explanation:

Environment variables in Linux can exist either locally within a shell or be exported to child processes.

CompTIA Linux+ V8 emphasizes the distinction between shell variables and environment variables, as this affects how applications inherit configuration values.

Option D, `export ENABLE_AUTH=1`, is the correct choice because it both assigns the variable and marks it for export to the environment. Once exported, the variable becomes available to all subsequently executed commands and child processes spawned from the current shell. This behavior is required when applications or scripts rely on environment variables for configuration.

Option B, `ENABLE_AUTH=1`, only sets a shell-local variable. While it is accessible within the current shell session, it is not inherited by child processes unless explicitly exported. Option A, `let ENABLE_AUTH=1`, performs arithmetic evaluation and does not export the variable. Option C incorrectly assigns the output of a command substitution and does not set the desired value.

Linux+ V8 documentation highlights `export` as the correct mechanism for making variables available system-wide within a user session. Therefore, the correct answer is D.

NEW QUESTION # 105

Which of the following formats is used to write an Ansible playbook?

- A. XML
- B. YAML
- C. CSV
- D. JSON

Answer: B

Explanation:

Ansible playbooks are written in YAML, which provides a human-readable, structured format used to define plays, tasks, variables, and roles for automation.

NEW QUESTION # 106

Which of the following commands should an administrator use to convert a KVM disk file to a different format?

- A. `qemu-nq`
- B. `qemu-img`
- C. `qemu-io`

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