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Q&A

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Exam : **XK0-004**

Title : **CompTIA Linux+
Certification Exam**

Version : **DEMO**

1. A Linux systems administrator is setting up SSH access with PKI for several users using their newly created RSA keys.

Which of the following MOST securely achieves this task?

- A. Use curl to copy each user's public key file to the respective system
- B. Use cp to copy each user's public key file to the respective system
- C. Use ssh-copy-id to copy each user's public key file to the respective system
- D. Use ssh-copy-id to copy each user's private key file to the respective system

Answer: C

Explanation:

Reference: <https://www.linode.com/docs/security/authentication/use-public-key-authentication-with-ssh/>

2. A systems administrator receives a report that the web server is not running after a planned system reboot.

After starting the web server manually, which of the following commands should the administrator issue to ensure the web server starts at boot time?

- A. `systemctl service on`
- B. `systemctl enable <name>.service`
- C. `systemctl service enable`
- D. `systemctl on <name>.service`

Answer: B

Explanation:

Reference: <https://geekflare.com/how-to-auto-start-services-on-boot-in-linux/>

3. A user wants to alias `dir` so it always returns the contents of the `ls -la` command. However, the user has to reset the alias with every login.

Which of the following is the BEST action the user can take to ensure the command is always available?

- A. `echo "alias dir=ls -la" > /etc/profile`
- B. `echo "alias dir=ls -la" >> /etc/skel`
- C. `echo "alias dir=ls -la" >> ~/.profile`
- D. `echo "alias dir=ls -la" > ~/.bashrc`

Answer: C

4. A Linux systems administrator needs to set permissions on an application with the following parameters:

The owner of the application should be able to read, write, and execute the application.

Members of the group should be able to read and execute the application.

Everyone else should not have access to the application.

Which of the following commands would BEST accomplish these tasks?

- A. `chmod 710 <application name>`
- B. `chmod 730 <application name>`
- C. `chmod 750 <application name>`
- D. `chmod 760 <application name>`

Answer: D

5. An administrator needs to kill the oldest Bash shell running in the system. Which of the following commands should be issued to accomplish this task?

A. `ps axjf | grep bash` to obtain PID

`kill -9 PID`

B. `ps -eo pid,etime,cmd | grep bash` (to obtain PID)

`kill -9 PID`

C. `ps -eo pid,etime| grep bash` (to obtain PID)

`killall -9 PID`

D. `killall -15 -o bash`

Answer: D

Explanation:

Reference: <https://phoenixnap.com/kb/how-to-kill-a-process-in-linux>