



# XK0-005<sup>Q&As</sup>

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### QUESTION 1

A user generated a pair of private-public keys on a workstation. Which of the following commands will allow the user to upload the public key to a remote server and enable passwordless login?

- A. `scp ~/.ssh/id_rsa user@server:~/`
- B. `rsync ~ /.ssh/ user@server:~/`
- C. `ssh-add user server`
- D. `ssh-copy-id user@server`

Correct Answer: D

D is the correct command but is missing the path to the public key that is to be copied over \$ `ssh-copy-id -i ~/.ssh/id_rsa.pub user@host_address`

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### QUESTION 2

A junior administrator is setting up a new Linux server that is intended to be used as a router at a remote site. Which of the following parameters will accomplish this goal?

- A. `C:\Users\Admin\Desktop\Data\Odt data\Untitled.jpg`
- B. `C:\Users\Admin\Desktop\Data\Odt data\Untitled.jpg`
- C. `C:\Users\Admin\Desktop\Data\Odt data\Untitled.jpg`
- D. `C:\Users\Admin\Desktop\Data\Odt data\Untitled.jpg`

Correct Answer: A

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### QUESTION 3

A new disk was presented to a server as `/dev/sdd`. The systems administrator needs to check if a partition table is on that disk. Which of the following commands can show this information?

- A. `lsscsi`
- B. `fdisk`
- C. `blkid`
- D. `partprobe`

Correct Answer: B

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#### QUESTION 4

A systems administrator installed a new software program on a Linux server. When the systems administrator tries to run the program, the following message appears on the screen.

```
Hardware virtualization support is not available on this system.  
Either is not present or disabled in the system's BIOS
```

Which of the following commands will allow the systems administrator to check whether the system supports virtualization?

- A. `dmidecode -s system-version` B. `lscpu`
- C. `sysctl -a`
- D. `cat /sys/device/system/cpu/possible`

Correct Answer: B

B. `lscpu`

The `lscpu` command is used to display information about the CPU architecture and the system topology on Linux systems. It provides information about the number of CPUs, cores, and threads, the architecture, clock speed, and cache size. If

the system supports virtualization, it should be reflected in the output of the `lscpu` command.

The other options are not relevant for checking virtualization support:

`dmidecode -s system-version` is used to retrieve the version number of the system's BIOS or UEFI firmware.

`sysctl -a` is used to display all system control parameters, including both kernel parameters and `sysctl` settings.

`cat /sys/device/system/cpu/possible` does not exist, it should be `/sys/devices/system/cpu/possible`. This file provides information about the maximum number of CPUs that can be configured for the system, but does not indicate whether the

system supports virtualization.

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#### QUESTION 5

A systems administrator needs to check if the service `systemd-resolved.service` is running without any errors. Which of the following commands will show this information?

- A. `systemctl status systemd-resolved.service`
- B. `systemctl enable systemd-resolved.service`
- C. `systemctl mask systemd-resolved.service`
- D. `systemctl show systemd-resolved.service`



Correct Answer: A

A. `systemctl status systemd-resolved.service`

The `systemctl status` command is used to show the current status of a system service in a Linux system that uses `systemd`. The status information includes the name of the service, its state (e.g. running, stopped), and any related error messages or warnings.

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