

QUESTION 15

A Linux administrator implemented a new HTTP server using the default configuration. None of the users on the network can access the server. If there is no problem on the network or with the users' workstations, which of the following steps will BEST analyze and resolve the issue?

- A. Run netstat to ensure the port is correctly bound, and configure the firewall to allow access on ports 80 and 443
- B. Run route to ensure the port is correctly bound, and configure the firewall to allow access on ports 80 and 443
- C. Run netcat to ensure the port is correctly bound, and configure a static route to the web to allow access on ports 80 and 443
- D. Run route to ensure the port is correctly bound, and configure SELinux to allow access on ports 80 and Correct Answer: C

Correct Answer:

QUESTION 16

An administrator needs to see a list of the system user's encrypted passwords. Which of the following Linux files does the administrator need to read?

- A. /etc/shadow
- B. /etc/skel
- C. /etc/passwd
- D. /etc/pw

Correct Answer: C

QUESTION 17

An administrator needs to see the type of CPU that a server is running. Which of the following files contains this information?

- A. /proc/cpuinfo
- B. /etc/devices/info.conf
- C. /dev/proc/cpu
- D. /sys/dev/cpuinfo

Correct Answer: A

QUESTION 18

A systems administration team has decided to their systems as immutable instances. They keep the desired state of each of their systems in version control and apply automation whenever they provision a new instance. If there is an issue with one of their servers, instead of troubleshooting the issue they terminate the instance and rebuild it using automation. Which of the following is this an example of?

- A. Inventory
- B. Orchestration
- C. Infrastructure as code
- D. Agentless deployment

Correct Answer: C

QUESTION 19

A Linux administrator is using a public cloud provider to host servers for a company's website. Using the provider's tools, the administrator wrote a JSON file to define how to deploy the servers. Which of the following techniques did the administrator use?

- A. Infrastructure as code
- B. Build automation
- C. Platform as a service
- D. Automated configuration

Correct Answer: B

QUESTION 20

An administrator needs to deploy 100 identical CentOS workstations via PXE boot. Which of the following should the administrator use to minimize the amount of interaction with the consoles needed?

- A. Kickstart script
- B. Ghost image on a distribution server
- C. Hard disk duplicator
- D. Hard disk duplicator
- E. Ubiquity script

Correct Answer: A

QUESTION 21

A systems administrator is enabling quotas on the /home directory of a Linux server. The administrator makes the appropriate edits to the /etc/fstab file and attempts to issue the commands to enable quotas on the desired directory. However, the administrator receives an error message stating the filesystem does not support quotas. Which of the following commands should the administrator perform to proceed?

- A. mount -o remount /home
- B. quotacheck -cg
- C. edquota /home
- D. quotaon /home

Correct Answer: D

QUESTION 22

Which of the following is the purpose of the vmlinuz file on a Linux system?

- A. To prevent a Linux kernel panic
- B. To start a Linux virtual machine
- C. To provide the executable kernel for the system
- D. To enable resource access to the network

Correct Answer: C

QUESTION 23

Which of the following is a difference between YAML and JSON?

- A. Users can comment in YAML but not in JSON
- B. JSON only curly brackets, while YAML only uses square brackets
- C. JSON is used in web development, while YAML is used solely in back-end systems.
- D. YAML has been deprecated for JSON.

Correct Answer: A

QUESTION 24

A Linux administrator is testing connectivity to a remote host on a shared terminal. The administrator wants to allow other users to access the terminal while the command is executing. Which of the following commands should the administrator use?

- A. `bg ping remotehost`
- B. `fg ping remotehost`
- C. `ping remotehost < results`
- D. `ping remotehost &`

Correct Answer: C

QUESTION 25

Which of the following configuration management tools is considered agentless?

- A. Puppet
- B. Salt
- C. Ansible
- D. Chef

Correct Answer: C

QUESTION 26

A Linux administrator opens a ticket to have an external hard drive mounted. As a security policy, external storage kernel modules are disabled. Which of the following is the BEST command for adding the proper kernel module to enable external storage modules?

- A. `rmmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-storage.ko`
- B. `modinfo /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-storage.ko`
- C. `depmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-storage.ko`
- D. `insmod /lib/modules/3.6.12-100-generic/kernel/drivers/usb/storage/usb-storage.ko`

Correct Answer: D

QUESTION 27

DRAG DROP

The lead Linux has added a disk, `/dev/sdd`, to a VM that is running out of disk space. Place the following steps in the correct order from first (1) to last (4) to add the disk to the existing LVM.

1	<input type="text"/>
2	<input type="text"/>
3	<input type="text"/>
4	<input type="text"/>
<input type="text" value="lvextend -L +10GB /dev/napper/vgdata-data"/>	
<input type="text" value="pvcreate /dev/sdd"/>	
<input type="text" value="resize2fs /dev/mapper/vgdata-data"/>	
<input type="text" value="vgextend vgdata /dev/sdd"/>	

Correct Answer:

1	<input type="text" value="pvcreate /dev/sdd"/>
2	<input type="text" value="vgextend vgdata /dev/sdd"/>
3	<input type="text" value="lvextend -L +10GB /dev/napper/vgdata-data"/>
4	<input type="text" value="resize2fs /dev/mapper/vgdata-data"/>
<input type="text" value="lvextend -L +10GB /dev/napper/vgdata-data"/>	
<input type="text" value="pvcreate /dev/sdd"/>	
<input type="text" value="resize2fs /dev/mapper/vgdata-data"/>	
<input type="text" value="vgextend vgdata /dev/sdd"/>	

QUESTION 28

An administrator needs to mount the shared NFS file system testhost:/testvolume to mount point /mnt/testvol and make the mount persistent after reboot. Which of the following BEST demonstrates the commands necessary to accomplish this task?

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- A. `# mkdir -p /mnt/testvol`
`# echo "testhost:/testvolume /mnt/testvol nfs defaults 0 0" >> /etc/fstab`
`# mount -a`
- B. `# mkdir /mnt/testvol`

`# mount testhost:/testvolume /mnt/testbol`
- C. `# mkdir testhost:/testvolume at /mnt/testvol`

`# mount -a`
- D. `# mkdir /mnt/testvol`

`# echo "testhost:/testvolume /mnt/testvol" >> /mnt/mnttab`

`# mount -a`

Correct Answer: A

QUESTION 29

A Linux administrator wants to obtain a list of files and subdirectories in the /etc directory that contain the word "services". Once the files and subdirectories are discovered, they should be listed alphabetically in the /var/tmp/foundservices file. Which of the following shell scripts will accomplish this task?

- A. `#!/bin/bashfind /etc -name services | sort > /var/tmp/foundservices`
- B. `#!/bin/bashlocate /etc -sort -name services > /var/tmp/foundservices`
- C. `#!/bin/bashfind -name services -sort </var/tmp/foundservices`
- D. `#!/bin/bashfind /etc -name services -sort > /var/tmp/foundservices`

Correct Answer: B

QUESTION 30

A Linux storage administrator wants to create a logical volume group. Which of the following commands is required to start the process?

- A. `pvcreate`
- B. `vgcreate`
- C. `lvcreate`
- D. `mkfs.xfs`

Correct Answer: B

QUESTION 31

An administrator reviews the following configuration file provided by a DevOps engineer: