

Redhat EX413 Exam

Volume: 80 Questions

Question: 1

Your manager wants you to increase the disk performance for some software that has been installed. You decide the best option is to not allocate blocks to a file until it's time to write them to the file system. Which of the following is the correct option for use in the /etc/fstab file.

Choose the correct answer:

- A. Use the nodelalloc option.
- B. Use the no cache option.
- C. Use the delalloc option.
- D. Use the cache option

Answer: C

Explanation:

delalloc | nodelalloc are how disk blocks are allocated. delalloc (delay allocation) means that it won't allocate blocks to a file until it's time to write them to the file system. nodelalloc means allocate blocks to the data as soon as it becomes available.

Question: 2

The board of directors has asked you if there are any open source solutions for central user management for the Linux servers. You tell them about Red Hat Identity Management. Is this an acceptable suggestion?

Choose the correct answer:

- A. No
- B. Yes

Answer: B

Explanation:

Red Hat Identity Management is a way to create identity stores, centralized authentication, domain control for Kerberos and DNS services, and authorization policies

Question: 3

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The CEO wants everyone who logs in to the servers to see a message that welcomes them to the system and shows a message with random messages. To do this you would edit the `sshd_config` file and change the correct parameters.

Choose the correct answer:

A. True

B. False

Answer: B

Explanation:

The `sshd_config` file would be used for messages prior to logging in to the server. The message for after logging in is held elsewhere.

Question: 4

Your manager has asked whether the rpm packages the dev team is going to supply MUST have an accompanying GPG key before they are installed. Is this mandatory to install the packages?

Choose the correct answer:

A. No

B. Yes

Answer: A

Explanation:

While it's a good idea to have in-house packages signed with a GPG key, they don't have to be.

Question: 5

Your IT manager wants information about vulnerabilities that have been found for your Linux servers and other infrastructure. You tell them about which of the following websites?

Choose the 2 correct answers:

A. <http://cve.mitre.org>

B. <http://redhat.com/checkyourserver>

C. <https://nvd.nist.gov/general/nvd-dashboard>

D. www.microsoft.com

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Answer: AC

Explanation:

The two sites and URLs of those shown here that will give you the info you require are <http://cve.mitre.org> <https://nvd.nist.gov/general/nvd-dashboard> The Microsoft site has no info about Linux vulnerabilities, and the Red Hat URL doesn't exist.

Question: 6

You are worried about servers having software installed that allows inbound connections. Which software would you use to check for inbound connections. You do not want to block these connections.

Choose the correct answer:

- A. nmap
- B. iptables
- C. auditd
- D. firewalld

Answer: A

Explanation:

nmap is used to scan servers for open network ports.

Question: 7

Your IT manager wants you to adjust the password complexity for new passwords. To do this you would edit the `/etc/new_passwd` file.

Choose the correct answer:

- A. True
- B. False

Answer: B

Question: 8

You're working as a contractor and one of your clients is a doctor's office. They have asked you to ensure their CentOS 6 Linux servers cannot be restarted with a CTRL-ALT-DEL. A check shows

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you the upstart program is prior to upstart-0.6.5-12. Which of the following would you do?
Choose the correct answer:

- A. Delete the /etc/reboot file.
- B. Use `systemctl mask ctrl-alt-del.target`
- C. Modify the /etc/reboot file.
- D. Modify the /etc/init/control-alt-delete.conf file

Answer: D

Explanation:

The command `systemctl mask ctrl-alt-del.target` is for CentOS and RHEL 7. If the upstart version was more recent than upstart-0.6.5-12, then you would create the /etc/init/control-alt-delete.override (which will not be affected by any package updates) and making desired changes there. Since the upstart program is prior to upstart-0.6.5-12 then you need to modify the /etc/init/control-alt-delete.conf file.

Question: 9

You have a team that works for the marketing department and requests the ability to manage what users can access their files. There are several users in that group that are trusted. Which of the following is the safest way to allow those users to manage who has access to their group files?

Choose the correct answer:

- A. Give the users `sudo` root access so they can manage it themselves.
- B. You use the `gpasswd -A` command to add users as group administrators
- C. Use the `groupadd` command to make their users group administrators.
- D. You use the `gpasswd -a` command to add users as group administrators

Answer: B

Explanation:

The upper case `-A` option allows you to add an administrator. The lower case `-a` option will allow those users to add other users.

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Question: 10

You have just run a 'yum update' and over 500 changes were made, though none were made to the kernel. You must now reboot the server.

Choose the correct answer:

- A. True
- B. False

Answer: B

Explanation:

Since no kernel updates were made, there is no need to reboot. It would be good at some stage, but the need is not immediate.

Question: 11

Your company has a booth at the INTEROP convention in Las Vegas. You need to set up a CentOS 6 Server there and do some planning since the server will be out in the open. You won't need a keyboard or mouse, just a monitor, but the server will be visible and accessible to the public. What sorts of things should you do to protect it?

Choose the 4 correct answers:

- A. Disable or block the USB ports.
- B. Disable the CTRL-ALT-DEL.
- C. Put a BIOS password on the server.
- D. Protect the power button from being pressed and power cord from being removed.

Answer: ABCD

Explanation:

All these things should be performed. The USB should be blocked or disabled, even though a keyboard and monitor won't be available. The USB is a potential attack vector.

Question: 12

You are looking at files on the file system and see a log file is getting large. Its approximately 8 GB and getting larger. Can you just delete it, and it will be recreated?

Choose the correct answer: