

## 8.7.12 Practice Questions

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**Score: 100%**

Passing Score: 80%



### ▼ Question 1: ✓ Correct

Which command should you enter at the command prompt to change the quota settings for the *gshant* user?

edquota gshant



#### Explanation

Use **edquota -u gshant** to open and edit the quota file for the *gshant* user account. Use **edquota** to edit a user's quota, a group's quota, or change the grace period. Be aware of the following options:

- **-u** changes the user's quota.
- **-g** changes a group's quota.
- **-t** changes the grace period.

Some distributions may omit the **-u** option. In that case, **edquota gshant** will also open the quota file for the *gshant* user account.

#### References



8.7.3 Quota Facts

q\_quota\_lp5\_01.question.fex

## ▼ Question 2:

✓ Correct

What is the name of the package that must be installed if you want to use disk quotas on your Linux system?

**Explanation**

If the **quota** package is not installed on your system, you can install it with the **dnf install** command. `quotaon.service` is used to enable quotas on a given file system.

**References****8.7.3 Quota Facts**

q\_quota\_lp5\_02.question.fex

▼ Question 3: ✓ Correct

Which of the following commands will open the quota file for a specific user?


- ☐ **quotaon -u**
- ☐ **repquota -u**
- ☒ **edquota -u**
- ☐ **quota -u**

Explanation

Use **edquota -u** to open and edit the quota file for a specific user.

**quota -u** displays the user's quota. **repquota** displays a summary of the disk usage and quotas for the specified file systems, including the specific number of files and used space. **quotaon** enables quotas for the mounted file system; however, it does not have a **-u** option.

References

 8.7.3 Quota Facts

q\_quota\_lp5\_03.question.fex

## ▼ Question 4:

✓ Correct

Which of the following statements best describes the function of the **repquota /home -vu** command?

- ☒ A summary of disk usage and quotas is displayed for the users who have files within /home.
- ☐ The /home quota file is opened in vi for editing.
- ☐ The current user's quota limits and usage for /home are displayed.
- ☐ The aquota.user and aquota.group files in /home are created.


## Explanation

The **repquota /home -vu** command displays a summary of disk usage and quotas for those users who have files within /home. The **repquota** command displays a summary of the disk usage and quotas for the specified file systems, including the specific number of files and used space by user. Common options include the following:

- **-v** reports all quotas, even if there is no usage.
- **-n** does not resolve user and group names to speed printing time.
- **-u** and **-g** reports for users and groups respectively.
- **-a** gives information for all file systems listed in /etc/mtab.

Use **edquota** to open and edit a user's quota, edit a group's quota, or change the grace period. Use **quotacheck** to create the aquota.user and aquota.group files in the file system. Use **quota** to display the current user's quota.

## References

 8.7.3 Quota Facts

q\_quota\_lp5\_04.question.fex

## ▼ Question 5:

✓ Correct

After creating the aquota.user and aquota.group files in the /home directory, what command should you enter to enable quotas for the /home directory?



## Explanation

**quotaon /home** enables quotas for the /home directory. Use **quotaon** to enable quotas for the mounted file system.

- **-a** enables all mounted file systems listed in /etc/mtab.
- **-v** runs the command in verbose mode.

## References



## 8.7.3 Quota Facts

q\_quota\_lp5\_05.question.fex

▼ **Question 6:**      ✓ Correct

Which command should you enter at the command prompt to display the current user's quota limits and disk usage?

quota



**Explanation**

Use **quota** to display the current user's quota. Be aware of the following options:

- **-u** shows the quota for a user.
- **-g** shows the quota for a group
- **-v** shows current the current usage, the hard quota, and the soft quota for blocks and inodes.

**References**



8.7.3 Quota Facts

q\_quota\_lp5\_06.question.fex

▼ Question 7: ✓ Correct

Which of the following **repquota** options will give quota limits and disk usage for all file systems listed in /etc/mtab?


- ☐ -v
- ➡ ☒ -a
- ☐ -u
- ☐ -n

Explanation

**repquota -a** gives information for all file systems listed in /etc/mtab. Be aware of the other common **repquota** options:

- **-v** reports all quotas, even if there is no usage.
- **-n** does not resolve user and group names to speed printing time.
- **-u** and **-g** report on users and groups respectively.

References

 8.7.3 Quota Facts

q\_quota\_lp5\_07.question.fex

▼ **Question 8:**      ✓ Correct

You need to implement disk quotas on your Linux system. You need the quotas on the `/` directory.

What is the full path and name of the file that must be edited to implement quotas for users and groups?

/etc/fstab



**Explanation**

You must edit the `/etc/fstab` file to add the mount options for the file system so it can implement quotas. Add the following mount options for each applicable file system:

- **usrquota** implements quotas for users.
- **grpquota** implements quotas for groups.

**References**



8.7.3 Quota Facts

q\_quota\_lp5\_08.question.fex



▼ Question 9: ✓ Correct

Which of the following commands displays the disk usage and quota limits for the development group?


- ☐ **edquota -g development**
- ☐ **repquota development**
- ➡ ☒ **quota -g development**
- ☐ **quotacheck -g development**

Explanation

Use **quota -g development** to display the disk usage and quota limits for the development group. By default, the **quota** command displays the current user's quota usage, but the **-g** option specifies a group.

**repquota** displays the disk usage and quota limits for groups if the **-g** option is present. **quotacheck** creates the aquota.user and aquota.group files in the file system. Use **edquota** to open and edit a user's quota, edit a group's quota, or change the grace period.

References

 8.7.3 Quota Facts

q\_quota\_lp5\_09.question.fex