

15.3.4 Practice Questions

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Score: 100%

Passing Score: 80%

▼ Question 1:

✓ Correct

What is the full path and filename of the file you should create to disable user login on a Linux system?

/etc/nologin



Explanation

Create the /etc/nologin file to disable user login on a Linux system. The file can be left empty, but you can insert text into the file that will appear as a message to users when they attempt to log in.

Administrators can prevent (block) users from logging in to a Linux computer while resolving serious issues and can display a message to users attempting to log in. Login blocking is enabled using the Pluggable Authentication Modules (PAM) module.

References



15.12.1 Security Best Practices



15.12.2 Security Best Practices Facts

q_login_sec_f_lp5_01.question.fex

▼ Question 2: **✓ Correct**

Which configuration file should you edit to enable Pluggable Authentication Modules (PAM) to check for a file named /etc/nologin?

☐ /etc/pam.d/nologin

☐ /etc/nologin

☐ /etc/login

➡ ☒ /etc/pam.d/login

Explanation

Login blocking is enabled using the Pluggable Authentication Modules (PAM) module configured in the /etc/pam.d/login file. Administrators can prevent users from logging in to a Linux computer while resolving serious issues and can display a message to users attempting to log in.

Create the /etc/nologin file to disable the ability to login to the system and add a message to the file to display to users when they attempt to log in. The /etc/login and /etc/pam.d/nologin files do not exist.

References

 **15.3.3 Login Blocking Facts**

q_login_sec_f_lp5_02.question.fex

▼ Question 3:

✓ Correct

You need to block all users from logging in to the Linux system while you resolve a serious issue. You first need to force all active users to logout.

Which command should you enter to display a list of all active users?

**Explanation**

Use the **w** command to view all active user accounts. Administrators can prevent users from logging in to a Linux computer while resolving serious issues and can display a message to users who attempt to log in. To force all users to log out of the system:

1. Log in directly as the root user.
2. Use the **w** command to view all active user accounts.
3. Use **kill -KILL -u user** to force the user to log out for each active user.

References**15.3.3 Login Blocking Facts**

q_login_sec_f_lp5_03.question.fex

▼ Question 4: **✓ Correct**

Login blocking is enabled using the Pluggable Authentication Modules (PAM) module.

What line needs to be in the `/etc/pam.d/login` file to configure PAM to check and see if a file named `/etc/nologin` exists?

`auth requisite pam_nologin.so`

**Explanation**

On SUSE Linux systems, the line *auth requisite pam_nologin.so* needs to be in the `/etc/pam.d/login` file to configure PAM to check and see if a file named `/etc/nologin` exists.

On RedHat/Fedora systems, the line *auth required pam_nologin.so* needs to be in the `/etc/pam.d/login` file to configure PAM to check and see if a file named `/etc/nologin` exists.

References**15.3.3 Login Blocking Facts**

q_login_sec_f_lp5_04.question.fex

▼ Question 5:

✓ Correct














PAM is configured on your system to look for the presence of the nologin file in the /etc directory. If the nologin file exists, user login is disabled, and only the root user can log in. If your current working directory is root's home directory, which command would you enter to quickly create an empty nologin file in the /etc directory?

**Explanation**

You can quickly create an empty file using the **touch** command. Since your current working directory is the root user's home directory, you have to use the full path to create the nologin file in the /etc directory.

Entering touch /etc/nologin will create the nologin file in the /etc directory.

References

-  2.8.1 Directory Navigation
-  2.8.2 Navigate Directories
-  2.8.3 Directory Management
-  2.8.4 Manage Directories
-  2.8.5 Directory Management Facts
-  2.9.2 File Management
-  2.9.4 Manage Files
-  2.9.5 File Management Facts
-  2.10.1 Links
-  2.10.2 Create Links
-  2.10.3 Link Facts
-  2.12.2 Finding Linux Commands
-  2.12.3 Finding Files



2.12.4 File Search Facts



2.12.5 Content Search Utilities



2.12.6 Find File Content



2.12.7 Content Search Facts

q_login_sec_f_lp5_05.question.fex

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