N4.4.1 - Quiz - Troubleshooting File Permissions

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 Cyber Capstone

0. Which command allows a user to switch to a different user and execute a command as that user?
A. sudo
B. su -
C. pkexec
D. visudo
Answer:

1. What are some common problems associated with user login issues?
A. Issues related to file attributes such as ownership and timestamps.
B. Difficulties users face when trying to access files in the wrong context.
C. Problems with forgotten passwords, weak password policies, or password expiration.
D. Problems like username/password issues, authentication methods, or account lockouts due to multiple failed login attempts.
Answer:

2. Why might users encounter difficulties accessing files, and what can contribute to permission issues?
A. Incorrect or inadequate group memberships and incorrect file attributes.
B. Issues related to forgotten passwords and weak password policies.
C. Context-related problems and improper configuration of access control lists (ACLs).
D. Problems with privilege elevation and quota management.
Answer:

3. What is an access control list (ACL), and what issues can arise if it is not configured properly?
A. An ACL is a method for managing file attributes. Issues can include forgotten passwords and weak password policies.

B. An ACL provides control over file access. Issues can arise when it is not configured properly, leading to users being unable to access files they should have access to or vice versa.

C. An ACL is a tool for managing storage quotas. Issues can involve users exceeding allocated storage quotas.

D. An ACL is a method for password management. Issues can include password expiration and weak password policies.

4. What type of problems can be categorized as attribute issues in the context of user access and file permissions?

A. Problems related to quota management and storage space.

B. Issues with password policies and password expiration.

C. Problems related to file attributes such as ownership, timestamps, or file type.

D. Problems involving conflict between security policies and user actions.

5. What do privilege elevation issues involve in the context of user access and file permissions?

A. Issues related to forgotten passwords and password expiration.

B. Issues with accessing files in the wrong context or environment.

C. Problems with users seeking administrative privileges or elevated permissions to perform specific actions.

D. Problems involving conflict between security policies and user actions.

6. In the context of user access and file permissions, what do quota issues involve?

A. Issues related to accessing files in the wrong context or environment.

B. Issues related to users seeking administrative privileges or elevated permissions.

C. Problems with users exceeding allocated storage quotas, resulting in limitations on file creation or access.

D. Issues related to file attributes such as ownership, timestamps, or file type.

7. What is the overarching purpose of managing user access and file permissions, and why is it crucial for system operation?

A. To create conflicts between security policies and user actions, ensuring a dynamic system environment.

B. To hinder users' ability to log in and access files, promoting a secure system environment.

C. To ensure that users face constant challenges, leading to enhanced productivity.

D. To ensure smooth system operation and user productivity by addressing challenges related to login, file access, password management, privilege elevation, and storage quotas.