

1. What is authentication?

1 / 1 point

- ☐ Maintaining security in a managed cloud environment
- ☐ Preventing insecure code.
- ☐ Reviewing and using system-specific security features
- ☒ A process of verifying that a user is who they say they are

✓ **Correct**

Correct. Users must present a credential such as a password or a fingerprint to authenticate their access.

2. Which of the following is true of groups and roles?

1 / 1 point

- ☐ You must always define groups in the database to manage users
- ☐ Only pre-determined roles are available
- ☐ When assigning groups and roles, add users to all the groups and roles they may ever need, since you can't change them later.
- ☒ Groups and roles simplify user management

✓ **Correct**

Correct. Many functions can be handled more easily if users are assigned to groups and roles.

3. Privileges are given to users, groups, and roles. What defines a user's overall privileges?

1 / 1 point

- ☒ Combination of user-level permissions and those of their groups and roles
- ☐ Groups permissions
- ☐ User's personal permissions
- ☐ Roles permissions

✓ **Correct**

Correct. The combination of a user's personal permissions and those of all groups and roles they belong to defines their overall permissions.

4. Which is a reason to audit a database?

1 / 1 point

- ☐ Protect databases
- ☐ Database integrity
- ☒ Identify gaps in security access and activity
- ☐ See if a database is cost-effective.

✓ **Correct**

Correct. Auditing can help identify gaps in your security system.

5. At which point should you encrypt data?

1 / 1 point

- ☐ When data is online
- ☐ When data is compromised
- ☐ While data is archived
- ☒ At rest and transmission

✓ **Correct**

Correct. Encrypting data can help protect data at rest and during transmission.

