

Authentication

Authorization

Accounting

Graded Assessments

Quiz: Authentication, Authorization, Accounting Quiz  
 10 questions

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 Authentication, Authorization, Accounting Quiz
 Quiz • 55 min

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Try again

1. Fill in the blank: In the Kerberos process, "authn" is short for \_\_\_\_\_.

☐ authored
☒ authentication
☐ authorization
☐ authorization

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2. In the three A's of security (AAA), what is the process of proving who you claim to be?

☒ Authentication
☐ Authored
☐ Accounting
☐ Authorization

☒ Correct

1 / 1 point

3. Fill in the blank: Security Keys utilize a secure challenge-and-response authentication system, which is based on \_\_\_\_\_.

☐ shared secrets
☒ public key cryptography
☐ symmetric encryption
☐ steganography

☒ Correct

1 / 1 point

4. Which of the following are examples of "something you have" for multifactor authentication? Select all that apply.

☒ RSA SecureID token
☒ Correct
☐ Password
☐ PING
☒ One-Time-Password (OTP)

☒ Correct

1 / 1 point

5. If an organization want to issue and sign client certificates, what will it need to set up?

☐ A CRL infrastructure
☒ A CA infrastructure
☐ An ID infrastructure
☐ An LDAP infrastructure

☒ Correct

1 / 1 point

6. How might a user protect the data on their mobile device if it is lost or stolen?

☐ Refrain from updating apps
☒ Remote wipes
☐ Reporting the loss to an IT support specialist
☐ Keep a spare device with all your data

☒ Correct
 Correct. Remote wipes secure mobile devices by allowing a user or administrator to remove sensitive data or restrict device access.

1 / 1 point

7. What is used to request access to services in the Kerberos process?

☐ Client ID
☒ Ticket Granting Ticket
☐ TGS session key
☐ Client-to-Server ticket

☒ Correct

1 / 1 point

8. Consider the following scenario: Multiple client switches and routers have been set up at a small military base. The network team decided to implement Terminal Access Controller Access-Control System Plus (TACACS+), along with Kerberos, and an external Lightweight Directory Access Protocol (LDAP) service. What is the primary reason TACACS+ was chosen for this?

☒ Device administration
☐ Single Sign-On
☐ NIPRNet
☐ Network access

☒ Correct

1 / 1 point

9. Consider the following scenario: A network admin deployed a Terminal Access Controller Access Control System Plus (TACACS+) system so other admins can properly manage multiple switches and routers on the Local Area Network (LAN). The system will keep track and log admin access to each device and the changes made. This "logging" satisfies which part of the three A's of security?

☐ Administration
☒ Accounting
☐ Authentication
☐ Authorization

☒ Correct

1 / 1 point

10. Which of the following is a way to define permissions or authorizations for objects?

☐ Extensible authentication protocols
☐ Network access servers (NAS)
☐ Access control entries
☒ Access control lists (ACL)

☒ Correct
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