

## EXERCISE 3

## IDENTITY and ACCESS MANAGEMENT AIM:

To understand the concepts of identification, authentication, authorization, accounting (IAAA), and identity management, which are essential for securing systems and managing user access.



## Identity and Access Management

Learn about identification, authentication, authorisation, accounting, and identity management.

Easy 120 min

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Task 1	✓ Introduction	▼
Task 2	✓ IAAA Model	▼
Task 3	✓ Identification	▼
Task 4	✓ Authentication	▼
Task 5	✓ Authorisation and Access Control	▼
Task 6	✓ Accountability and Logging	▼
Task 7	✓ Identity Management	▼
Task 8	✓ Attacks Against Authentication	▼
Task 9	✓ Access Control Models	▼
Task 10	✓ Single Sign-On	▼
Task 11	✓ Scenarios	📅 ▼
Task 12	✓ Conclusion	▼

Answer the questions below

You are granted access to read and send an email. What is the name of this process?

Authorisation ✓ Correct Answer

Which process would require you to enter your username?

Identification ✓ Correct Answer

Although you have write access, you should only make changes if necessary for the task. Which process is required to enforce this policy?

Accountability ✓ Correct Answer

Answer the questions below

What does SSO stand for?

Single Sign-On ✓ Correct Answer

Does SSO simplify MFA use as it needs to be set up once? (Yea/Nay)

Yea ✓ Correct Answer

Is it true that SSO can be cumbersome as it requires the user to remember and input different passwords for the various services? (Yea/Nay)

Nay ✓ Correct Answer

Does SSO allow users to access various services after signing in once? (Yea/Nay)

Yea ✓ Correct Answer

Does the user need to create and remember a single password when using SSO? (Yea/Nay)

Yea ✓ Correct Answer

Answer the questions below

Click on **View Site** and follow the exercise to get a flag.

{THM\_ACCESS\_CONTROL} ✓ Correct Answer

## RESULT:

Successfully learned how identification, authentication, and authorization work together to control access, how accounting tracks user activities, and the role of identity management in maintaining security and compliance.