EX.NO: 3 Explore Identity and Access Management ROLL NO: 231901020

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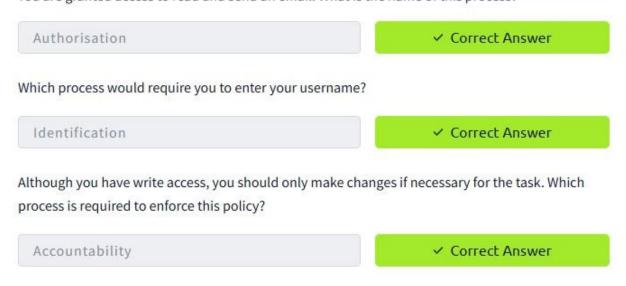
AIM:

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



TASK 2: IAAA MODEL

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



**TASK 3: IDENTIFICATION** 

Which of the following cannot be used for identification?

- 1. Email address
- 2. Mobile number with international code
- 3. Year of birth
- 4. Passport number

3 ✓ Correct Answer

Which of the following cannot be used for identification?

- 1. Landline phone number
- 2. Street number
- 3. Health insurance card number
- 4. Student ID number

2 ✓ Correct Answer

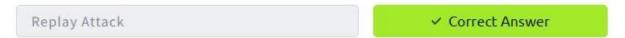
When you want to check your email, you enter your username and password. What kind of authentication is your email provider using? ✓ Correct Answer 1 Your bank lets you finish most of your banking operations using its app. You can log in to your banking app by providing a username and a password and then entering the code received via SMS. What kind of authentication is the banking app using? ✓ Correct Answer 4 Your new landline phone system at home allows callers to leave you a message when the call is not picked up. You can call your home number and enter a secret number to listen to recorded messages. What kind of authentication is being used here? ✓ Correct Answer 1 You have just started working at an advanced research centre. You learned that you need to swipe your card and enter a four-digit PIN whenever you want to use the elevator. Under which group does this authentication fall? ✓ Correct Answer TASK 5: AUTHORISATION AND ACCESS CONTROL The new policy states that the secretary should be able to send an email on the manager's behalf. What is this policy dictating? ✓ Correct Answer You shared a document with your colleague and gave them view permissions so they could read without making changes. What would ensure that your file won't be modified? ✓ Correct Answer The hotel management decided that the cleaning staff needed access to all the hotel rooms to do their work. What phase is this decision part of? ✓ Correct Answer

TASK 6: ACCOUNTABILITY AND LOGGING

TASK 7 : IDENTITY MANAGEMENT

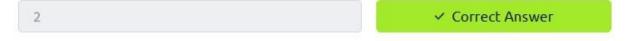
## TASK 8: ATTACKS AGAINST AUTHENTICATION

The attacker could authenticate using the user's response when the authentication protocol required a password encrypted with a shared key. What is the name of the attack?



## TASK 9: ACCESS CONTROL MODELS

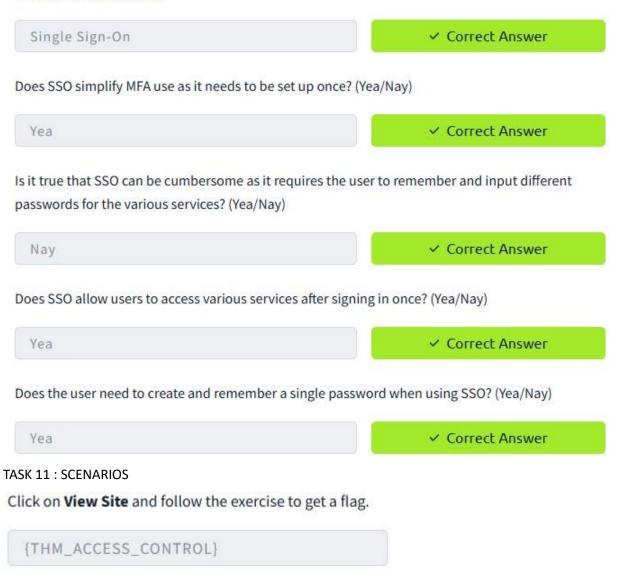
You are sharing a document via a network share and giving edit permission only to the accounting department. What example of access control is this?



You published a post on a social media platform and made it only visible to three out of your two hundred friends. What kind of access control did you use?

1 ✓ Correct Answer

What does SSO stand for?



## **CONCLUSION:**

Tryhackme platform Explore Identity and Access Management task is successfully completed