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EX 3: Identity And Access Management

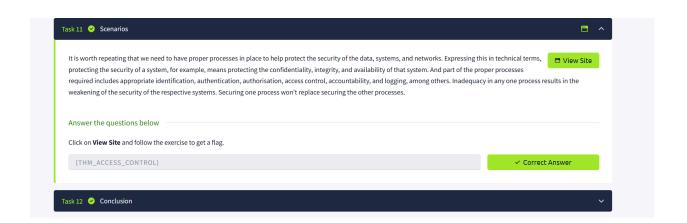
Date:

Aim:-

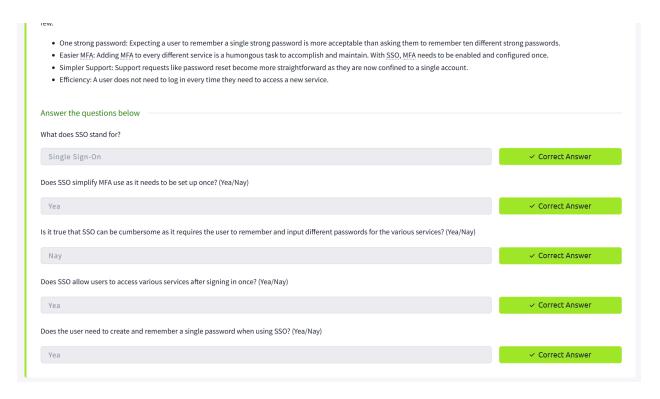
To learn about identity and access management.

ALGORITHM: N/A

Exercises:-



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groups based on their roles. Authorisation and access will be granted based on the group to which a user belongs. Classifying users based on their roles brings many advantages. For instance, if a user is tasked with a new role, all that is required is to add them to the new respective group. Moreover, if the users gave up a particular role, we only need to remove them from the old group. This approach makes maintenance more manageable and more efficient. Mandatory Access Control classified data. Consequently, users do not need to carry out tasks beyond the strictly necessary. In other words, users won't be able to install new software or change file permissions. AppArmor gives the ability to have MAC on a <u>Linux</u> distribution. It is already shipped with various <u>Linux</u> distributions, such as Debian and Ubuntu. The SELinux project provides a flexible MAC for Linux systems. It is standard for several Linux distributions, such as Red Hat and Fedora. Answer the following questions using the correct item number from the numbered list below. 1. DAC 2. RBAC 3. MAC Answer the questions below 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? ✓ Correct Answer 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? ✓ Correct Answer

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accountable for their actions. This process is achieved by logging all user activity and storing it in a centralised location. In the event of a used to identify the source of the problem and take appropriate action.	security incident, this information can be
IAAA helps prevent unauthorised access, data breaches, and other security incidents. By implementing these best practices, organisations can	protect their sensitive information and
resources from internal and external threats.	
In the following tasks, we will dive deeper into these processes.	
Use one of the following terms to answer the questions below:	
Identification	
Authentication	
Authorisation	
Accountability	
Answer the questions below	
Answer the questions below You are granted access to read and send an email. What is the name of this process?	
	✓ Correct Answer
You are granted access to read and send an email. What is the name of this process?	✓ Correct Answer
You are granted access to read and send an email. What is the name of this process? Authorisation	✓ Correct Answer✓ Correct Answer
You are granted access to read and send an email. What is the name of this process? Authorisation Which process would require you to enter your username?	

Result: Hence the exercises were completed successfully