

Exercise 4

Access Control



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Exercise Scenario

1 Objective

The objective of this exercise is for students to understand the different types of access control and their strengths and weaknesses.

2 Materials

- Whiteboard or projector
- Markers or pens
- Paper
- Access control worksheet (included below)

3 Instructions

1. Divide the class into groups of 4.
2. Distribute the access control worksheet to each group.
3. Have each group brainstorm a list of different resources that need to be protected.
4. Have each group choose one of the resources from their list and decide on the type of access control that would be most appropriate for that resource.
5. Have each group present their decision to the class and explain why they chose that type of access control.

4 Discussion

After the groups have presented their decisions, lead a discussion about the different types of access control. Discuss the strengths and weaknesses of each type and how they can be used to protect different resources.

This exercise is a great way for students to learn about the different types of access control and how they can be used to protect resources. It is also a good way for students to practice their critical thinking skills and to come up with creative solutions to security problems.

Here are some additional tips for conducting this exercise:

- Make sure the students understand the different types of access control before they begin the exercise.
- Provide the students with a variety of resources to choose from.
- Encourage the students to think creatively about the different types of access control.
- Be prepared to answer any questions that the students may have.

5 Access Control Worksheet

Resource:

Type of Access Control:

Strengths

Weaknesses