

Assignment10

Please write your student number and name in the assignment when submit it.

1. Discuss the strengths and weaknesses of implementing an access matrix using access lists that are associated with objects.
2. Discuss the strengths and weaknesses of implementing an access matrix using capabilities that are associated with domains.
3. How are the access-matrix facility and the role-based access-control facility similar? How do they differ?
4. What is the purpose of using a “salt” along with the user-provided password? Where should the “salt” be stored, and how should it be used?
5. Compare symmetric and asymmetric encryption schemes, and discuss under what circumstances a distributed system would use one or the other.