

Problem Set 32

CS 311

Due May 9, 2014

Due at the beginning of class in hardcopy.

Sections 14.5–9

1. Discuss the strengths and weaknesses of implementing an access matrix using access lists that are associated with objects.
2. Explain why a capability-based system such as Hydra provides greater flexibility than the MULTICS ring-protection scheme in enforcing protection policies.
3. How can systems that implement the principle of least privilege still have protection failures that lead to security violations?