

Problem Set 23

CS 411

Due at the beginning of class on the first class day of the following week.
Sections 17.1–12

1. The access-control matrix can be used to determine whether a process can switch from, say, domain A to domain B and enjoy the access privileges of domain B. Is this approach equivalent to including the access privileges of domain B in those of domain A?
2. Discuss the strengths and weaknesses of implementing an access matrix using access lists that are associated with objects.
3. Discuss the strengths and weaknesses of implementing an access matrix using capabilities that are associated with domains.