



Question 3 [Access control] What problem is easier to solve with capabilities than with access control lists.

- | | |
|--|---|
| ☐ Permission updates for a file | one file |
| ☒ Confused deputy problem | ☐ Change of permissions for one user |
| ☐ Revocation of rights for all users on | on one file |

Question 4 [Security principles] To secure the entrance to an intimate concert of One Direction, the organizers decide that the best way to control the fans is to only open one door to the venue and hire one big, strong, guard to check the tickets. However, the guard has a cold and from time to time, he needs to sneeze several times. During this time, fans without a ticket slip in. This mechanism is obviously not good and does not follow many principles; but which one does it follow?

- | | |
|--|--|
| ☐ Separation of Privilege | ☒ Economy of mechanism |
| ☐ Fail-safe default | ☐ Least common mechanism |

Question 5 [Security policies] Suppose you work for a company with a Chinese Wall security policy with clients in the following conflict classes:

- Google, Mozilla, Safari
- Aldi, Coop, Migros
- Quicksilver, Carhartt
- Lenovo, HP

You have previously worked on cases for Coop, and Quicksilver, and you are ready for a new assignment. According to the policy the largest set of companies you can work with is:

- | | |
|--|--|
| ☒ Google, Mozilla, Safari, Coop, Quicksilver, Lenovo, HP | ☐ Google, Mozilla, Safari, Aldi, Coop, Migros |
| ☐ Google, Mozilla, Safari, Lenovo, HP | ☐ Google, Aldi, Quicksilver, Lenovo |