

第 13 章作业

13.7

13.7 Consider a system that supports 5,000 users. Suppose that you want to allow 4,990 of these users to be able to access one file.

- a. How would you specify this protection scheme in UNIX?
- b. Can you suggest another protection scheme that can be used more effectively for this purpose than the scheme provided by UNIX?

答：

a.

方法一： Create an access control list with the names of these 4990 users.

方法二： Put these 4990 users in one group and set the group access accordingly.

b.

The universe access information applies to all users unless their name appears in the access control list with different access permission. So we can simply put the names of the remaining ten users in the access control list with no access privileges allowed.