Homework 13

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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?

a. 创建一个访问列表，保存这4990个用户的ID。设置该列表为可访问的。当用户提出访问请求时，在列表中查询，若ID在列表中则允许访问。

b. 创建一个列表用以保存10个被禁止访问的用户的ID，当用户提出访问请求时，在列表中查询，若ID在列表中未被找到则允许访问。