

Homework 3

CS 380
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- 1 Your Intranet home directory contains your *mail directory*

`/dfs/user/username/.mail,`

which contains your *mailbox* file

`/dfs/user/username/.mail/mail.`

A complete access control list (ACL) includes the username of the owner, the groupname of the primary group, the names of the “objects” in the POSIX ACL standard for whom access is specified, and the permissions that are granted to those objects. Give the complete access control list (ACL) of your

- a) mail directory `/dfs/user/username/.mail`
- b) mailbox file `/dfs/user/username/.mail/mail`

- 2 Give the username of every user (or machine) authorized to

- a) read your mail directory `/dfs/user/username/.mail`
- b) read and write your mailbox file `/dfs/user/username/.mail/mail`

- 3 The directory `/dfs/web/cgi-bin` contains programs known as common gateway interfaces (CGIs) that are used to process web forms for managing Intranet resources. Give the username of every user authorized to

- a) execute the CGI `/dfs/web/cgi-bin/alertstatus.pl`
- b) execute the CGI `/dfs/web/cgi-bin/intranet/user_create.pl`
- c) execute the CGI `/dfs/web/cgi-bin/intranet/group_create.pl`

- 4 Give an `aclmod` command that can be used to specify access on a file named `x` having an existing but unspecified ACL, granting read and write access to the owner and the group `cs38001` (not necessarily the primary group), read access to all Intranet users, only read access to user `carich` (who is a member of the group `cs38001`), and no access to anyone else.