

AFS Reference Card

(for OpenAFS and Transarc AFS)

AFS Commands

All commands are located in the `/usr/afs/bin` directory

Angle brackets indicate needed arguments for commands

Get, Release, and Check AFS Tokens

```
get new token          klog
get new token for other user  klog user -setpag
release tokens        unlog
check tokens         tokens
```

Change Password

When you change password you must change both NIS and AFS password using the following commands

```
change NIS password   passwd
change AFS password   kpasswd
```

You have to enter your current password and enter your new password twice to verify the password. The password must contain of eight (8) characters.

Help and Command Usage

The help system is simple. All AFS commands accept a help argument on the form `command help`. If you are a first-time user please read the AFS documentation first.

```
list commands available in fs    fs help
list commands available in pts   pts help
list syntax and description     fs help command
list syntax and description     pts help command
list syntax                     fs command -help
list syntax                     pts command -help
```

ACLs for File and Directory Protection

```
list directory ACL             fs la dir
set directory ACL              fs sa dir group ACL
copy directory ACL             fs copyacl source:dir target:dir
```

Unix permissions have the `rx` bits which are read, write and execute. AFS access control lists (ACL) have `rlidkwa` which are read, lookup, insert, delete, lock, write, and administer. There exist a shorthand notation which covers `write (rlidwk)`, `read (rl)`, `all (rlidkwa)`, and `none` (removes entry).

Administrate Protection Groups

```
create user-owned group      pts creategroup user:group
add user to group            pts adduser user group
remove user from group       pts removeuser user group
remove group                 pts delete group
change name of group         pts rename current new
```

Protection Group Information

```
list members in group        pts membership group
list user's membership       pts membership user
list groups owned by user    pts listowned user
list groups owned by group   pts listowned group
list group information        pts exa group
```

File Server Information

```
list originating file server of file  fs whereis dir/file
list fileserver status              fs checkservers [-all]
```

Volume Quota

```
list quota information         fs lq dir
list quota percentage used     fs quota dir
```

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