



ACL

ACCESS CONTROL LIST



What is ACL

- Access control list (ACL) provides an additional, more flexible permission mechanism for file systems
- Access control list is service which is use for providing special permission to specific user and group to particular directories and file



Use Of ACL

Think of a scenario in which a particular user is not a member of group created by you but still you want to give some read or write access, how can you do it without making user a member of group, here comes in picture Access Control Lists, ACL helps us to do this trick.



For Check ACL Permission

Syntax:

#getfacl <name of file or directory>

eg.

#getfacl /experia



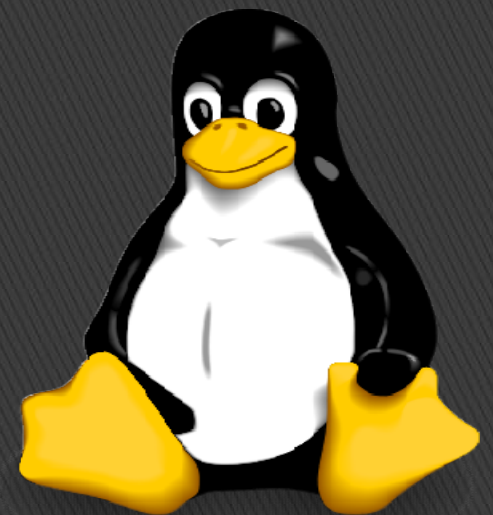
For Set ACL Permission to User

```
#setfacl -m u:ajay:rwx /experia
```



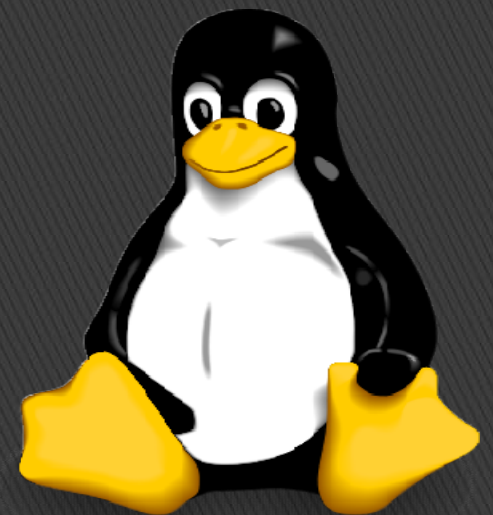
For Remove ACL Permission Of User

```
#setfacl -x u:ajay: /experia
```



For Set ACL Permissions To Group

```
#setfacl -m g:sonygrp:rwx /experia
```



For Remove ACL Permissions Of Group

```
#setfacl -x g:sonygrp: /experia
```



For Remove All ACL Permissions

```
#setfacl -b /experia
```

