

# Setup Access Control Lists (ACL)

ACL can be used to provide additional permissions to the file system.

If not installed run the following command: `sudo apt install acl`

There are two commands: **setfacl** to set acl and **getfacl** to get acl permissions

To get acl of a folder:

```
getfacl ~/test
```

it returns with a similar result:

```
# file: test/  
# owner: user  
# group: user  
user::rwx  
group::r-x  
other::r-x
```

To set the acl for a user:

```
setfacl -m "u:user:permissions" /path/to/file
```

For example:

```
setfacl -m u:user:rwx test/
```

But if you want to change the permission recursively for a user:

```
setfacl -Rm u:user:rwx test
```

To change the permission recursively for a group:

```
setfacl -Rm g:group:rwx test
```

To **remove** all the acl permissions:

```
setfacl -b path/to/file
```

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Revision #4

Created 17 September 2022 11:25:40 by Tozo

Updated 3 June 2024 17:53:33 by Tozo