Authorisation CDP

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        Authorization
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## HDFS adopts the authorization scheme common to POSIX cmpatible filesystem


## Checking if ACL's are enabled in hdfs
-> Goto CM
-> HDFS -> Configurations -> search - acl


## On terminal

hdfs dfs -mkdir -p /data/userc
hdfs dfs -chown userc:dev /data/userc
hdfs dfs -ls /data


hdfs dfs -getfacl /data/userc


hdfs dfs -setfacl -m user:usera:r-x /data/userc
hdfs dfs -setfacl -m group:testers:rwx /data/userc
hdfs dfs -getfacl /data/userc


hdfs dfs -chmod 750 /data/userc
hdfs dfs -getfacl /data/userc


hdfs dfs -setfacl -b /data/userc
hdfs dfs -getfacl /data/userc
```

setfacl command and its options

hdfs dfs -setfacl [-R] [-b|-k -m|-x <acl_spec> <path>]|[--set <acl_spec> <path>]

<!-- COMMAND OPTIONS

<path>: Path to the file or directory for which ACLs should be set.

-R: Use this option to recursively list ACLs for all files and directories.

-b: Revoke all permissions except the base ACLs for user, groups and others.

-k: Remove the default ACL.

-m: Add new permissions to the ACL with this option. Does not affect existing permissions.

-x: Remove only the ACL specified.

<acl_spec>: Comma-separated list of ACL permissions.

--set: Use this option to completely replace the existing ACL for the path specified.

   Previous ACL entries will no longer apply.

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Enabling sticky bits

hdfs dfs -chmod +t /data
hdfs dfs -ls / | grep data