Task – 11 :- Linux Collaborative Directories

The Nautilus team doesn't want its data to be accessed by any of the other groups/teams due to security reasons and want their data to be strictly accessed by the dbadmin group of the team.

Setup a collaborative directory /dbadmin/data on Nautilus App 1 server in Stratos Datacenter.

The directory should be group owned by the group dbadmin and the group should own the files inside the directory. The directory should be read/write/execute to the group owners, and others should not have any access.

Answer

thor@jump\_host ~$ ssh tony@stapp01

The authenticity of host 'stapp01 (172.16.238.10)' can't be established.

ECDSA key fingerprint is SHA256:xuH88BNokAisVJRw3wM2XxjlLToW9ItxnmT00gF5GbA.

ECDSA key fingerprint is MD5:33:43:88:d0:7c:7a:e5:e9:a2:b8:1d:78:23:8e:93:ac.

Are you sure you want to continue connecting (yes/no)? yes

Warning: Permanently added 'stapp01,172.16.238.10' (ECDSA) to the list of known hosts.

tony@stapp01's password:

Permission denied, please try again.

tony@stapp01's password:

Permission denied, please try again.

tony@stapp01's password:

[tony@stapp01 ~]$ sudo su

We trust you have received the usual lecture from the local System

Administrator. It usually boils down to these three things:

#1) Respect the privacy of others.

#2) Think before you type.

#3) With great power comes great responsibility.

[sudo] password for tony:

[root@stapp01 tony]# mkdir -p /dbadmin/data

[root@stapp01 tony]# ll -lsd/dbadmin/data

ls: invalid option -- '/'

Try 'ls --help' for more information.

[root@stapp01 tony]# ll -lsd /dbadmin/data

4 drwxr-xr-x 2 root root 4096 Sep 12 13:26 /dbadmin/data

[root@stapp01 tony]# chgrp -R read/write/execute

chgrp: missing operand after ‘read/write/execute’

Try 'chgrp --help' for more information.

[root@stapp01 tony]# chgrp -R /dbadmin/data

chgrp: missing operand after ‘/dbadmin/data’

Try 'chgrp --help' for more information.

[root@stapp01 tony]# chgrp -R dbadmin /dbadmin/data

[root@stapp01 tony]# ll -lsd /dbadmin/data

4 drwxr-xr-x 2 root dbadmin 4096 Sep 12 13:26 /dbadmin/data

[root@stapp01 tony]# chmod -R 2770/dbadmin/data

chmod: missing operand after ‘2770/dbadmin/data’

Try 'chmod --help' for more information.

[root@stapp01 tony]# chmod -R 2770 /dbadmin/data

[root@stapp01 tony]# ll-lsd /dbadmin/data

bash: ll-lsd: command not found

[root@stapp01 tony]# ll -lsd/dbadmin/data

ls: invalid option -- '/'

Try 'ls --help' for more information.

[root@stapp01 tony]# ll -lsd/dbadmin/data/

ls: invalid option -- '/'

Try 'ls --help' for more information.

[root@stapp01 tony]# ll-lsd /dbadmin/data/

bash: ll-lsd: command not found

[root@stapp01 tony]# ll -lsd /dbadmin/data

4 drwxrws--- 2 root dbadmin 4096 Sep 12 13:26 /dbadmin/data

[root@stapp01 tony]#

More Reference:- https://www.nbtechsupport.co.in/2021/06/linux-collaborative-directories.html?m=1