**tom shouldn’t be able to access jane home folder**

tom@myubuntuvm1:~$ cd /home/

tom@myubuntuvm1:/home$ cd jane/

bash: cd: jane/: Permission denied

tom@myubuntuvm1:/home$ cd notes/

tom@myubuntuvm1:/home/notes$ ll

total 8

drw-rwxr-x+ 2 jane edureka 4096 Jul 1 02:28 ./

drwxr-xr-x 11 root root 4096 Jul 2 04:08 ../

tom@myubuntuvm1:/home/notes$

exit

root@myubuntuvm1:/home# sudo su - otheruser

$ bash

otheruser@myubuntuvm1:~$ cd /home/

otheruser@myubuntuvm1:/home$ cd notes/

otheruser@myubuntuvm1:/home/notes$ ll

total 8

drw-rwxr-x+ 2 jane edureka 4096 Jul 1 02:28 ./

drwxr-xr-x 11 root root 4096 Jul 2 04:08 ../

otheruser@myubuntuvm1:/home/notes$

exit

**guest user cannot see any files inside notes and research folders**

root@myubuntuvm1:/home# sudo su - guest

guest@myubuntuvm1:~$ cd /home/

guest@myubuntuvm1:/home$ cd notes/

-bash: cd: notes/: Permission denied

guest@myubuntuvm1:/home$ cd research/

-bash: cd: research/: Permission denied

guest@myubuntuvm1:/home$

logout

root@myubuntuvm1:/home# sudo su - tom

$ bash

tom@myubuntuvm1:~$ cd /home/

tom@myubuntuvm1:/home$ ll

total 48

drwxr-xr-x 11 root root 4096 Jul 2 04:08 ./

drwxr-xr-x 20 root root 4096 Apr 11 14:20 ../

drwxr-xr-x 19 gobiawstrainer gobiawstrainer 4096 Apr 2 21:15 gobiawstrainer/

drwxr-x--- 2 guest guest 4096 Jul 2 04:12 guest/

drwx------ 3 jane edureka 4096 Jul 1 02:17 jane/

drwxr-xr-x 2 jane edureka 4096 Jul 1 02:17 Linux/

drw-rwxr-x+ 2 jane edureka 4096 Jul 1 02:28 notes/

drwxr-x--- 2 otheruser edufriends 4096 Jul 2 04:13 otheruser/

-rw------- 1 root root 43 Jul 1 02:32 pass.txt

dr--r--r-- 2 jane edureka 4096 Jul 2 04:03 research/

drwx------ 2 tom edureka 4096 Jul 1 02:22 tom/

drwxr-x--- 21 vboxuser vboxuser 4096 Jun 7 19:01 vboxuser/

tom@myubuntuvm1:/home$ ls -ltr research/

ls: cannot access 'research/research1.txt': Permission denied

ls: cannot access 'research/research3.txt': Permission denied

ls: cannot access 'research/research2.txt': Permission denied

total 0

-????????? ? ? ? ? ? research3.txt

-????????? ? ? ? ? ? research2.txt

-????????? ? ? ? ? ? research1.txt

otheruser@myubuntuvm1:/home$ cd research/

bash: cd: research/: Permission denied

otheruser@myubuntuvm1:/home$ ls -ltr research/

ls: cannot access 'research/research1.txt': Permission denied

ls: cannot access 'research/research3.txt': Permission denied

ls: cannot access 'research/research2.txt': Permission denied

total 0

-????????? ? ? ? ? ? research3.txt

-????????? ? ? ? ? ? research2.txt

-????????? ? ? ? ? ? research1.txt

guest@myubuntuvm1:/home$ cd research/

-bash: cd: research/: Permission denied

guest@myubuntuvm1:/home$ ls -ltr research/

ls: cannot access 'research/research1.txt': Permission denied

ls: cannot access 'research/research3.txt': Permission denied

ls: cannot access 'research/research2.txt': Permission denied

total 0

-????????? ? ? ? ? ? research3.txt

-????????? ? ? ? ? ? research2.txt

-????????? ? ? ? ? ? research1.txt

**THANK YOU**

**Commands used:**

* sudo setfacl -m g:developers:rwx /path/to/folder
* setfacl -m u:user\_to\_block:000 /path/to/folder
* chmod -R 444 research