400521171-Mohammad Saleh Pazhand

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pazhand_400521171@400521171: ~/os/T-1
File Edit View Search Terminal Help
pazhand_400521171@400521171:~$ mkdir os
pazhand_400521171@400521171:~$ cd os
pazhand_400521171@400521171:~/os$ mkdir T-1
pazhand_400521171@400521171:~/os$ cd t-1
bash: cd: t-1: No such file or directory
pazhand_400521171@400521171:~/os$ cd T-1
pazhand_400521171@400521171:~/os/T-1$ mkdir new-dir
pazhand_400521171@400521171:~/os/T-1$ touch test.txt
pazhand_400521171@400521171:~/os/T-1$ ls -1
new-dir
test.txt
pazhand_400521171@400521171:~/os/T-1$ chmod 744 new-dir
pazhand_400521171@400521171:~/os/T-1$ chmod 744 test.txt
pazhand_400521171@400521171:~/os/T-1$ ls -l
total 4
drwxr--r-- 2 pazhand_400521171 pazhand_400521171 4096 Mar  1 22:33 new-dir
-rwxr--r-- 1 pazhand_400521171 pazhand_400521171    0 Mar  1 22:34 test.txt
pazhand_400521171@400521171:~/os/T-1$ 
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pazhand_400521171@400521171: ~/os/T-1
pazhand_400521171@400521171:~$ groups
pazhand_400521171
pazhand_400521171@400521171:~$ sudo groupadd -g 1010 demo1
groupadd: group 'demo1' already exists
pazhand_400521171@400521171:~$ cd os
pazhand_400521171@400521171:~/os$ cd T-1/
pazhand_400521171@400521171:~/os/T-1$ ls -l1
total 4
drwxr--r-- 2 pazhand_400521171 pazhand_400521171 4096 Mar  1 22:33 new-dir
-rwxr--r-- 1 pazhand_400521171 pazhand_400521171    0 Mar  1 22:34 test.txt
pazhand_400521171@400521171:~/os/T-1$ chgrp demo1 new-dir
chgrp: changing group of 'new-dir': Operation not permitted
pazhand_400521171@400521171:~/os/T-1$ sudo chgrp demo1 new-dir
pazhand_400521171@400521171:~/os/T-1$ ls -l1
total 4
drwxr--r-- 2 pazhand_400521171 demo1             4096 Mar  1 22:33 new-dir
-rwxr--r-- 1 pazhand_400521171 pazhand_400521171    0 Mar  1 22:34 test.txt
pazhand_400521171@400521171:~/os/T-1$
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pazhand_400521171@400521171: ~/os/T-1
pazhand_400521171@400521171:~/os/T-1$ touch -md 'yesterday 7am' ch-time.txt
pazhand_400521171@400521171:~/os/T-1$ ls -l1
total 4
-rw-rw-r-- 1 pazhand_400521171 pazhand_400521171    0 Feb 29 07:00 ch-time.txt
drwxr--r-- 2 pazhand_400521171 demo1             4096 Mar  1 22:33 new-dir
-rwxr--r-- 1 pazhand_400521171 pazhand_400521171    0 Mar  1 22:34 test.txt
pazhand_400521171@400521171:~/os/T-1$
```

```
pazhand_400521171@400521171: ~/os/T-1
pazhand_400521171@400521171:~/os/T-1$ mkdir empty-dir
pazhand_400521171@400521171:~/os/T-1$ mkdir nonempty-dir
pazhand_400521171@400521171:~/os/T-1$ cd nonempty-dir/
pazhand_400521171@400521171:~/os/T-1/nonempty-dir$ touch test.txt
pazhand_400521171@400521171:~/os/T-1/nonempty-dir$ echo salam > test.txt
pazhand_400521171@400521171:~/os/T-1/nonempty-dir$ cd ..
pazhand_400521171@400521171:~/os/T-1$ ls
empty-dir  nonempty-dir
pazhand_400521171@400521171:~/os/T-1$ find -empty
./empty-dir
pazhand_400521171@400521171:~/os/T-1$ find -empty -exec rm {} \;
rm: cannot remove './empty-dir': Is a directory
pazhand_400521171@400521171:~/os/T-1$ find -empty -exec rm -r {} \;
find: './empty-dir': No such file or directory
pazhand_400521171@400521171:~/os/T-1$ find -empty -exec rm -r {} \;
pazhand_400521171@400521171:~/os/T-1$ find -empty
pazhand_400521171@400521171:~/os/T-1$ ls
nonempty-dir
pazhand_400521171@400521171:~/os/T-1$
```

5-
این دستور به طور موقت مجوز root میدهد.SUID به این مغنی است که هر یوزر فایل را
با دسترسی های owner ان اجرا کند. 4 برای suid و 644 برای دسترسی است.