

Task-

Task:

Create a group "WIPRO". Create a user with your last name and add this user to WIPRO group. Give WIPRO group networking and storage permissions and verify. Also, create a new folder "/wipro" & allow the access of read & execution on this group and verify.

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Solution-

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[root@svr ~]# groupadd wipro
[root@svr ~]# useradd -G wipro tomar
[root@svr ~]# cat /etc/group | grep wipro
wipro:x:5007:tomar
[root@svr ~]# getent group wipro
wipro:x:5007:tomar

# %sys ALL = NETWORKING, SOFTWARE, SERVICES, STORAGE, DELEGATING, PROCESSES, LOCATE, DRIVERS

## Allows people in group wheel to run all commands
%wheel ALL=(ALL) ALL
%avengers ALL=(ALL) NOPASSWD: CUSTOMCMDS
%wipro ALL=(ALL) NETWORKING,STORAGE

## Same thing without a password

## Networking
Cmd_Alias NETWORKING = /sbin/route, /sbin/ifconfig, /bin/ping, /sbin/dhclient, /usr/bin/net, /sbin/iptables, /usr/bin/rfcomm,
/usr/bin/wvdial, /sbin/iwconfig, /sbin/mii-tool

## Storage
Cmd_Alias STORAGE = /sbin/fdisk, /sbin/sfdisk, /sbin/parted, /sbin/partprobe, /bin/mount, /bin/umount

[root@svr ~]# ls -ld /wipro/
drwxr-xr-x 2 root root 6 Apr 23 17:08 /wipro/
[root@svr ~]# chgrp wipro /wipro
[root@svr ~]# ls -ld /wipro/
drwxr-xr-x 2 root wipro 6 Apr 23 17:08 /wipro/
[root@svr ~]# chmod o-rx /wipro
[root@svr ~]# ls -ld /wipro/
drwxr-x--- 2 root wipro 6 Apr 23 17:08 /wipro/
```