

```

PS> sudo adduser u1
[sudo] password for tkbw:
info: Adding user 'u1' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group 'u1' (1002) ...
info: Adding new user 'u1' (1002) with group 'u1 (1002)' ...
info: Creating home directory '/home/u1' ...
info: Copying files from '/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for u1
Enter the new value, or press ENTER for the default
  Full Name []: 0012
  Room Number []: 045
  Work Phone []: 25
  Home Phone []: 55
  Other []: nothing
Is the information correct? [Y/n] Y
info: Adding new user 'u1' to supplemental / extra groups 'users' ...
info: Adding user 'u1' to group 'users' ...

(tkbw@vbox)-[/home]
PS> sudo adduser u2
info: Adding user 'u2' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group 'u2' (1003) ...
info: Adding new user 'u2' (1003) with group 'u2 (1003)' ...
info: Creating home directory '/home/u2' ...
info: Copying files from '/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for u2
Enter the new value, or press ENTER for the default
  Full Name []: 48
  Room Number []: 56
  Work Phone []: 45
  Home Phone []: 5
  Other []: nothing
Is the information correct? [Y/n] Y
info: Adding new user 'u2' to supplemental / extra groups 'users' ...
info: Adding user 'u2' to group 'users' ...

```

=>Add Two Users

```

(tkbw@vbox)-[/home]
PS> sudo passwd u1
New password:
Retype new password:
passwd: password updated successfully

(tkbw@vbox)-[/home]

```

=> Change the Password of

```

(tkbw@vbox)-[/home]
PS> su u2
Password:
(u2@vbox)-[/home]
$ sudo su
[sudo] password for u2:
(root@vbox)-[/home]
#

```

=> Turn the Second User into a Superuser

```
(root@vbox)~# cd etc
root@vbox:~/etc# ls
ImageMagick-6  default  inetd.conf  miredo.conf  python2.7  strongswan.conf
ImageMagick-6  deluser.conf  inputrc  mke2fs.conf  python3  strongswan.d
ImageMagick-6  dhcp  inserv.conf.d  modprobe.d  python3.11  stunnel
ImageMagick-6  dictionaries-common  ipsec.conf  modules  radcli  subgid
ImageMagick-6  dns2tcpd.conf  ipsec.d  modules-load.d  rc0.d  subgid-
ImageMagick-6  doc-base  ipsec.secrets  mosquitto  rc1.d  subuid
ImageMagick-6  dpkg  issue  motd  rc2.d  subuid-
ImageMagick-6  e2scrub.conf  issue.net  ntab  rc3.d  subversion
ImageMagick-6  eac  java-17-openjdk  nano  rc4.d  sudo.conf
ImageMagick-6  emacs  java-21-openjdk  nano  rc5.d  sudo_logsrvd.conf
ImageMagick-6  environment  john  netconfig  rc6.d  sudoers
ImageMagick-6  environment.d  john  netsniff-ng  rc6.d  sudoers.d
ImageMagick-6  ethtypes  kernel  network  reader.conf.d  supercat
ImageMagick-6  ettercap  kernel  networks  reader.conf.d  sv
ImageMagick-6  vahi  kernel-img.conf  nfs.conf  reader.conf.d  sysctl.d
ImageMagick-6  ash.bashrc  keyutils  nfs.conf.d  redsocks.conf  sysstat
ImageMagick-6  ash_completion  kismet  nftables.conf  request-key.conf  systemd
ImageMagick-6  ash_completion.d  ld.so.cache  nginx  request-key.d  terminfo
ImageMagick-6  indresport.blacklist  ld.so.conf  nikto.conf  resolv.conf  texmf
ImageMagick-6  infmt.d  ld.so.conf.d  nssconf.nsh  responder  tightvncserver.conf
ImageMagick-6  luetooth  fuse.conf  ldap  rsync  timezone
ImageMagick-6  a-certificates  gai.conf  legion.conf  rpm  timidity
ImageMagick-6  a-certificates.conf  geoclue  libao.conf  rpm  tmpfiles.d
ImageMagick-6  hatscripts  glnvnd  libaudit.conf  rpm  ts.conf
ImageMagick-6  chromium  gnome-system-tools  libblockdev  rpm  ucf.conf
ImageMagick-6  chromium.d  gophish  libccid_info.plist  rpm  udev
ImageMagick-6  ifs-utils  gprofng.rc  libibverbs.d  rpm  udisks2
ImageMagick-6  loud  groff  libl3  rpm  ufw
ImageMagick-6  olord  group  libpaper.d  rpm  unicornscan
ImageMagick-6  onsole-setup  group  libpaper.d  rpm  update-motd.d
ImageMagick-6  racklib  grub.d  libpaper.d  rpm  updatedb.conf
ImageMagick-6  redstore  gshadow  libpaper.d  rpm  usb_modeswitch.conf
ImageMagick-6  redstore.encrypted  gshadow-  libpaper.d  rpm  usb_modeswitch.d
ImageMagick-6  ron.d  gss  libpaper.d  rpm  vconsole.conf
ImageMagick-6  ron.daily  gtk-2.0  libpaper.d  rpm  vdpau_wrapper.cfg
ImageMagick-6  ron.hourly  gtk-3.0  libpaper.d  rpm  vim
ImageMagick-6  ron.monthly  suvmarker  libpaper.d  rpm  vmmr
```

=> View its permissions from etc

```
(root@vbox)~# cat /etc/passwd
root:x:0:0:root:/root:/usr/bin/zsh
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
_apt:x:42:65534::/nonexistent:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-network:x:998:998:systemd Network Management:/:/usr/sbin/nologin
galera:x:100:65534::/nonexistent:/usr/sbin/nologin
mysql:x:101:102:MariaDB Server,,,:/nonexistent:/bin/false
tss:x:102:103:TPM software stack,,,:/var/lib/tpm:/bin/false
strongswan:x:102:65534::/usr/lib/strongswan:/usr/sbin/nologin
```

=> View all users ID from etc

```

(root@vbox)-[/home]
# groupadd M1

(root@vbox)-[/home]
# groupadd M2

(root@vbox)-[/home]
# adduser M1
err: Please enter a username matching the regular expression
configured via the NAME_REGEX configuration variable. Use the
'--allow-bad-names' option to relax this check or reconfigure
NAME_REGEX in configuration.

(root@vbox)-[/home]
# usermod -a -G M1 u1

(root@vbox)-[/home]
# usermod -a -G M1 u2

(root@vbox)-[/home]
# cd ..

```

=> Add two user groups and view from etc

```

(root@vbox)-[/etc]
# cat group
root:x:0:
daemon:x:1:
bin:x:2:
sys:x:3:
adm:x:4:tkbw
tty:x:5:
disk:x:6:
lp:x:7:
mail:x:8:
news:x:9:
uucp:x:10:
man:x:12:
proxy:x:13:
kmem:x:15:
dialout:x:20:tkbw
fax:x:21:
voice:x:22:
cdrom:x:24:tkbw
floppy:x:25:tkbw
tape:x:26:
sudo:x:27:tkbw,u2
audio:x:29:tkbw
dip:x:30:tkbw
www-data:x:33:
backup:x:34:
operator:x:37:
wireshark:x:121:tkbw
gvm:x:122:
pipewire:x:123:
smbshare:x:990:
inetsim:x:124:
geoclue:x:125:
lightdm:x:126:
scanner:x:127:saned,tkbw
saned:x:128:
polkitd:x:989:
rtkit:x:129:
colord:x:130:
nm-openvpn:x:131:
nm-openconnect:x:132:
kali-trusted:x:133:
tkbw:x:1000:
vboxsf:x:134:tkbw
kaboxer:x:135:tkbw
u1:x:1001:
u1:x:1002:
u2:x:1003:
u1:x:1004:u1,u2
u2:x:1005:

```

```
(root@vbox)-[/etc]  
# groupadd M3
```

```
(root@vbox)-[/etc]  
# groupadd M4
```

```
(root@vbox)-[/etc]  
# usermod -a -G M3 u1
```

```
(root@vbox)-[/etc]  
# usermod -a -G M4 u2
```

```
(root@vbox)-[/etc]  
# cat group  
root:x:0:  
daemon:x:1:  
bin:x:2:  
sys:x:3:  
adm:x:4:tkbw  
lightdm:x:126:  
scanner:x:127:saned,tkbw  
saned:x:128:  
polkitd:x:989:  
rtkit:x:129:  
colord:x:130:  
nm-openvpn:x:131:  
nm-openconnect:x:132:  
kali-trusted:x:133:  
tkbw:x:1000:  
vboxsf:x:134:tkbw  
kaboxer:x:135:tkbw  
A1:x:1001:  
u1:x:1002:  
u2:x:1003:  
M1:x:1004:u1,u2  
M2:x:1005:  
M3:x:1006:u1  
M4:x:1007:u2
```

=> Add each user you made to different groups and view from etc

```
(root@vbox)-[/etc]
# cd ..
```

```
(root@vbox)-[/]
# home
```

```
(root@vbox)-[/home]
# groupdel M4
```

```
(root@vbox)-[/home]
# userdel u1
```

```
(root@vbox)-[/home]
# cd ..
```

```
(root@vbox)-[/]
# etc
```

```
(root@vbox)-[/etc]
# cat group
```

```
root:x:0:
daemon:x:1:
bin:x:2:
sys:x:3:
adm:x:4:tkbw
tty:x:5:
disk:x:6:
lp:x:7:
mail:x:8:
news:x:9:
uucp:x:10:
wireless:x:121:tkbw
_gvm:x:122:
pipewire:x:123:
smbshare:x:990:
inetsim:x:124:
geoclue:x:125:
lightdm:x:126:
scanner:x:127:saned,tkbw
saned:x:128:
polkitd:x:989:
rtkit:x:129:
colord:x:130:
nm-openvpn:x:131:
nm-openconnect:x:132:
kali-trusted:x:133:
tkbw:x:1000:
vboxsf:x:134:tkbw
kaboxer:x:135:tkbw
A1:x:1001:
u2:x:1003:
M1:x:1004:u2
M2:x:1005:
M3:x:1006:
```

=> Delete group M4  
and user u1

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