

```
pc@pc-VirtualBox:~  
  
pc@pc-VirtualBox:~$ sudo adduser user1  
[sudo] password for pc:  
info: Adding user 'user1' ...  
info: Selecting UID/GID from range 1000 to 59999 ...  
info: Adding new group 'user1' (1001) ...  
info: Adding new user 'user1' (1001) with group 'user1' (1001) ...  
info: Creating home directory '/home/user1' ...  
info: Copying files from '/etc/skel' ...  
New password:  
Retype new password:  
passwd: password updated successfully  
Changing the user information for user1  
Enter the new value, or press ENTER for the default  
Full Name []: 1  
Room Number []: 1  
Work Phone []: 1  
Home Phone []: 1  
Other []: 1  
Is the information correct? [Y/n] y  
info: Adding new user 'user1' to supplemental / extra groups 'users' ...  
info: Adding user 'user1' to group 'users' ...  
pc@pc-VirtualBox:~$
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```
pc@pc-VirtualBox:~$ getent passwd  
root:x:0:0:root:/root:/bin/bash  
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:Mail 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  
systemd-timesync:x:996:996:systemd Time Synchronization:/usr/sbin/nologin  
dhcpcd:x:108:65534:DHCP Client Daemon,,,:/usr/lib/dhcpcd/bin/false  
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin  
syslog:x:102:102::/nonexistent:/usr/sbin/nologin  
systemd-resolve:x:991:991:systemd Resolver:/usr/sbin/nologin  
polkitd:x:998:998:User for polkitd:/usr/sbin/nologin  
usbmux:x:103:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin  
ts:x:104:103:TPM software stack,,,:/var/lib/tpm/bin/false  
rtkit:x:105:104:RealtimeKit,,,:/proc:/usr/sbin/nologin  
systemd-coredump:x:989:989:systemd Core Dumper:/usr/sbin/nologin  
uuidd:x:106:107::/run/uuidd:/usr/sbin/nologin  
cups-pk-helper:x:107:105:user for cups-pk-helper service,,,:/nonexistent:/usr/sbin/nologin  
avahi-autoipd:x:108:111:Avahi autoipd daemon,,,:/var/lib/avahi-autoipd:/usr/sbin/nologin  
kernoops:x:109:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin  
avahi:x:110:112:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin  
dnsmasq:x:999:65534:dnsmasq:/var/lib/misc:/usr/sbin/nologin  
_flatpak:x:111:115:Flatpak system-wide installation helper,,,:/nonexistent:/usr/sbin/nologin  
nm-openvpn:x:112:116:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin  
lightdm:x:113:117:Light Display Manager:/var/lib/lightdm:/bin/false  
tcpdump:x:114:119::/nonexistent:/usr/sbin/nologin  
speech-dispatcher:x:115:29:Speech Dispatcher,,,:/run/speech-dispatcher/bin/false  
fwupd-refresh:x:988:988:Firmware update daemon:/var/lib/fwupd:/usr/sbin/nologin  
gocue:x:116:123:gocue:/usr/sbin/nologin  
cups-browsed:x:117:105::/nonexistent:/usr/sbin/nologin  
saned:x:118:123::/var/lib/saned:/usr/sbin/nologin  
hplip:x:119:7:HPLIP system user,,,:/run/hplip/bin/false  
colord:x:120:124:colord color management daemon,,,:/var/lib/colord:/usr/sbin/nologin  
pc:x:1000:1000:PC,,,:/home/pc/bin/bash  
sssd:x:121:126:SSSD system user,,,:/var/lib/sss:/usr/sbin/nologin  
user1:x:1001:1001:1,1,1,1:/home/user1:/bin/bash  
pc@pc-VirtualBox:~$
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```
user1@pc-VirtualBox:~  
  
pc@pc-VirtualBox:~$ su - user1  
Password:  
user1@pc-VirtualBox:~$ whoami  
user1  
user1@pc-VirtualBox:~$ chfn  
Пароль:  
Изменение информации о пользователе user1  
Введите новое значение или нажмите ENTER для выбора значения по умолчанию  
Полное имя: 1  
Номер комнаты []: 2  
Рабочий телефон []: 2  
Домашний телефон []: 2  
user1@pc-VirtualBox:~$ getent passwd  
root:x:0:0:root:/root:/bin/bash  
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:Mail 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  
systemd-timesync:x:996:996:systemd Time Synchronization:/usr/sbin/nologin  
dhcpcd:x:108:65534:DHCP Client Daemon,,,:/usr/lib/dhcpcd/bin/false  
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin  
syslog:x:102:102::/nonexistent:/usr/sbin/nologin  
systemd-resolve:x:991:991:systemd Resolver:/usr/sbin/nologin  
polkitd:x:998:998:User for polkitd:/usr/sbin/nologin  
usbmux:x:103:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin  
ts:x:104:103:TPM software stack,,,:/var/lib/tpm/bin/false  
rtkit:x:105:104:RealtimeKit,,,:/proc:/usr/sbin/nologin  
systemd-coredump:x:989:989:systemd Core Dumper:/usr/sbin/nologin  
uuidd:x:106:107::/run/uuidd:/usr/sbin/nologin  
cups-pk-helper:x:107:105:user for cups-pk-helper service,,,:/nonexistent:/usr/sbin/nologin  
avahi-autoipd:x:108:111:Avahi autoipd daemon,,,:/var/lib/avahi-autoipd:/usr/sbin/nologin  
kernoops:x:109:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin  
avahi:x:110:112:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin  
dnsmasq:x:999:65534:dnsmasq:/var/lib/misc:/usr/sbin/nologin  
_flatpak:x:111:115:Flatpak system-wide installation helper,,,:/nonexistent:/usr/sbin/nologin  
nm-openvpn:x:112:116:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin  
lightdm:x:113:117:Light Display Manager:/var/lib/lightdm:/bin/false  
tcpdump:x:114:119::/nonexistent:/usr/sbin/nologin  
speech-dispatcher:x:115:29:Speech Dispatcher,,,:/run/speech-dispatcher/bin/false
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```
user1@pc-VirtualBox:~$ sudo kill -KILL -u user1
Killed
pc@pc-VirtualBox:~$ sudo userdel user1
userdel: Permission denied.
userdel: cannot lock /etc/passwd; try again later.
pc@pc-VirtualBox:~$ sudo userdel -r user1
userdel: Permission denied.
userdel: cannot lock /etc/passwd; try again later.
pc@pc-VirtualBox:~$ cat /etc/passwd
cat: /etc/passwd: No such file or directory
pc@pc-VirtualBox:~$ su - user1
Password:
user1@pc-VirtualBox:~$ sudo kill -KILL -u user1
Killed
pc@pc-VirtualBox:~$ sudo deluser --remove-home user1
fatal: Only root may remove a user or group from the system.
pc@pc-VirtualBox:~$ sudo deluser --remove-home user1
info: Looking for files to backup/remove ...
info: Removing files ...
info: Removing crontab ...
info: Removing user 'user1' ...
pc@pc-VirtualBox:~$ su - user1
Try 'su -help' for more information.
pc@pc-VirtualBox:~$ su - u user1
su: user u does not exist or the user entry does not contain all the required fields
pc@pc-VirtualBox:~$ su - user1
su: user user1 does not exist or the user entry does not contain all the required fields
pc@pc-VirtualBox:~$ cat /etc/passwd
cat: /etc/passwd: No such file or directory
pc@pc-VirtualBox:~$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
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
systemd-timesync:x:996:996:systemd Time Synchronization:/:/usr/sbin/nologin
dhcpcd:x:100:65534:DHCP Client Daemon,,:/usr/lib/dhcpcd/bin/false
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin
syslog:x:102:102::/nonexistent:/usr/sbin/nologin
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```
pc@pc-VirtualBox:~$ cat /etc/passwd
cat: /etc/passwd: No such file or directory
pc@pc-VirtualBox:~$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
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
systemd-timesync:x:996:996:systemd Time Synchronization:/:/usr/sbin/nologin
dhcpcd:x:100:65534:DHCP Client Daemon,,:/usr/lib/dhcpcd/bin/false
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin
syslog:x:102:102::/nonexistent:/usr/sbin/nologin
systemd-resolve:x:991:991:systemd Resolver:/:/usr/sbin/nologin
polkitd:x:990:990:User for polkitd:/:/usr/sbin/nologin
usbmux:x:102:40:usbmux daemon,,:/var/lib/usbmux:/usr/sbin/nologin
tss:x:104:103:TPM software stack,,:/var/lib/tpm:/bin/false
rtkit:x:105:104:RealtimeKit,,:/proc:/usr/sbin/nologin
systemd-coredump:x:989:989:systemd Core Dumper:/:/usr/sbin/nologin
uuidd:x:106:107::/run/uuidd:/usr/sbin/nologin
cups-pk-helper:x:107:105:user for cups-pk-helper service,,:/nonexistent:/usr/sbin/nologin
avahi-autoipd:x:108:111:Avahi autoip daemon,,:/var/lib/avahi-autoipd:/usr/sbin/nologin
kernoops:x:109:65534:Kernel Oops Tracking Daemon,,:/usr/sbin/nologin
avahi:x:110:112:Avahi mDNS daemon,,:/run/avahi-daemon:/usr/sbin/nologin
dnsmasq:x:999:65534:dnsmasq:/var/lib/misc:/usr/sbin/nologin
flatpak:x:111:115:Flatpak system-wide installation helper,,:/nonexistent:/usr/sbin/nologin
m-openssh:x:112:116:NetworkManager OpenVPN,,:/var/lib/openssh/sshkeys:/usr/sbin/nologin
lightdm:x:113:117:Light Display Manager:/var/lib/lightdm:/bin/false
tcpdump:x:114:119::/nonexistent:/usr/sbin/nologin
speech-dispatcher:x:115:29:Speech Dispatcher,,:/run/speech-dispatcher:/bin/false
fwupd-refresh:x:980:980:Firmware update daemon:/var/lib/fwupd:/usr/sbin/nologin
geoclue:x:116:128::/var/lib/geoclue:/usr/sbin/nologin
cups-browsed:x:117:105::/nonexistent:/usr/sbin/nologin
saned:x:118:123::/var/lib/saned:/usr/sbin/nologin
hplip:x:119:7:HPLIP system user,,:/run/hplip:/bin/false
colord:x:128:124:colord colour management daemon,,:/var/lib/colord:/usr/sbin/nologin
pc:x:1000:1000:PC,,,:/home/pc:/bin/bash
sssd:x:121:126:SSSD system user,,:/var/lib/sss:/usr/sbin/nologin
pc@pc-VirtualBox:~$
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```
pc@pc-VirtualBox:~$ cat /etc/passwd
src:x:40:
shadow:x:42:
utmp:x:43:
video:x:44:
sasl:x:45:
plugdev:x:46:pc
staff:x:50:
games:x:60:
users:x:100:pc
nogroup:x:65534:
systemd-journal:x:999:
systemd-network:x:998:
crontab:x:997:
systemd-timesync:x:996:
input:x:995:
sgx:x:994:
kvm:x:993:
render:x:992:
messagebus:x:101:
syslog:x:102:
systemd-resolve:x:991:
polkitd:x:990:
tss:x:103:
rtkit:x:104:
systemd-coredump:x:989:
lpadmin:x:105:pc
ssl-cert:x:106:
uuid:x:107:
ssh:x:108:
bluetooth:x:109:
plocate:x:110:
avahi-autoipd:x:111:
avahi:x:112:
netdev:x:113:
rdma:x:114:
flatpak:x:115:
nm-openvpn:x:116:
lightdm:x:117:
nopasswdlogin:x:118:
tcpdump:x:119:
fuupd-refresh:x:988:
geoclue:x:120:
pipewire:x:121:
scanner:x:122:saned
saned:x:123:
colord:x:124:
pc:x:1000:
smbshare:x:125:pc
sssd:x:126:
gamemode:x:987:
mygroup:x:1001:
pc@pc-VirtualBox:~$
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```
pc@pc-VirtualBox:~$ cat /etc/passwd
shadow:x:42:
utmp:x:43:
video:x:44:
sasl:x:45:
plugdev:x:46:pc
staff:x:50:
games:x:60:
users:x:100:pc,user1
nogroup:x:65534:
systemd-journal:x:999:
systemd-network:x:998:
crontab:x:997:
systemd-timesync:x:996:
input:x:995:
sgx:x:994:
kvm:x:993:
render:x:992:
messagebus:x:101:
syslog:x:102:
systemd-resolve:x:991:
polkitd:x:990:
tss:x:103:
rtkit:x:104:
systemd-coredump:x:989:
lpadmin:x:105:pc
ssl-cert:x:106:
uuid:x:107:
ssh:x:108:
bluetooth:x:109:
plocate:x:110:
avahi-autoipd:x:111:
avahi:x:112:
netdev:x:113:
rdma:x:114:
flatpak:x:115:
nm-openvpn:x:116:
lightdm:x:117:
nopasswdlogin:x:118:
tcpdump:x:119:
fuupd-refresh:x:988:
geoclue:x:120:
pipewire:x:121:
scanner:x:122:saned
saned:x:123:
colord:x:124:
pc:x:1000:
smbshare:x:125:pc
sssd:x:126:
gamemode:x:987:
mygroup:x:1001:user1
user1:x:1002:
pc@pc-VirtualBox:~$
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