

vboxuser@Linux: ~

a@Linux: ~

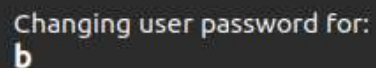
vboxuser@Linux: ~

vboxuser@Linux: ~

```
vboxuser@Linux:~$ sudo addgroup g1
[sudo] password for vboxuser:
Adding group `g1' (GID 1002) ...
Done.
vboxuser@Linux:~$ sudo adduser a
Adding user `a' ...
Adding new group `a' (1003) ...
Adding new user `a' (1002) with group `a' ...
Creating home directory `/home/a' ...
Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word
Retype new password:
passwd: password updated successfully
Changing the user information for a
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n] y
vboxuser@Linux:~$ sudo adduser a g1
Adding user `a' to group `g1' ...
Adding user a to group g1
Done.
vboxuser@Linux:~$ groups a
a : a g1
vboxuser@Linux:~$
```

Home

×



- Set password by hand

New password:

Confirmation:

☐ Generate random password

Password set to: [Generate](#)

☐ Don't ask for password on login

Cancel

OK

Change...

Change...

Change...

le Account	ary word
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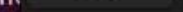



iced Settings

Close

Add

Manage




Help

```
Is the  Help 
vboxuser@Linux:~$ 
Adding user 'a' to group 'g1' ...
Adding user a to group g1
Done.
vboxuser@Linux:~$ groups a
a : a g1
vboxuser@Linux:~$ 
```

vboxuser@Linux: ~

Search, Menu, Window Controls

Users Settings

-  a
-  b
-  incon

Add

Manage Groups

Help

New group

Basic Settings

Group name:

Group ID: - +

Group Members

- ☐ a
- ☒ b

Cancel

OK

Close

Change...

Change...

Change...

Advanced Settings

```
vboxuser@Linux:~$ sudo adduser a g1
Adding user 'a' to group 'g1' ...
Adding user a to group g1
Done.
vboxuser@Linux:~$ groups a
a : a g1
vboxuser@Linux:~$
```

Home

Activities Terminal 16 июн 15:14

vboxuser@Linux: ~

a@Linux: ~

vboxuser@Linux: ~

vboxuser@Linux: ~

```
vboxuser@Linux:~$ su a
Password:
a@Linux:/home/vboxuser$ cd
a@Linux:~$ mkdir a
a@Linux:~$ cd a
a@Linux:~/a$ echo > a.txt
a@Linux:~/a$ cd
a@Linux:~$ ls -l
total 4
drwxrwxr-x 2 a a 4096 июн 16 15:13 a
a@Linux:~$ ls -R
.:
a

./a:
a.txt
a@Linux:~$ su b
Password:
b@Linux:/home/a$ cd
b@Linux:~$ mkdir b
b@Linux:~$ cd b
b@Linux:~/b$ echo > b.txt
b@Linux:~/b$ cd
b@Linux:~$ ls -l
total 4
drwxrwxr-x 2 b b 4096 июн 16 15:14 b
b@Linux:~$ ls -R
.:
b

./b:
b.txt
b@Linux:~$ exit
exit
a@Linux:~$ exit
exit
```

Home

vboxuser@Linux: ~



a@Linux: ~

vboxuser@Linux: ~

vboxuser@Linux: ~

```
vboxuser@Linux:~$ sudo chmod 644 /home/a/a/a.txt
```

```
vboxuser@Linux:~$ su a
```

```
Password:
```

```
a@Linux:/home/vboxuser$ cd
```

```
a@Linux:~$ ls -lR
```

```
..:
total 4
drwxrwxr-x 2 a a 4096 июн 16 15:13 a
```

```
./a:
```

```
total 4
-rw-r--r-- 1 a a 1 июн 16 15:13 a.txt
```

```
a@Linux:~$ exit
```

```
exit
```

```
vboxuser@Linux:~$ sudo chmod 644 /home/b/b/b.txt
```

```
vboxuser@Linux:~$ su b
```

```
Password:
```

```
b@Linux:/home/vboxuser$ cd
```

```
b@Linux:~$ ls -lR
```

```
..:
total 4
drwxrwxr-x 2 b b 4096 июн 16 15:14 b
```

```
./b:
```

```
total 4
-rw-r--r-- 1 b b 1 июн 16 15:14 b.txt
```

```
b@Linux:~$ exit
```

```
exit
```

```
vboxuser@Linux:~$
```

Home

vboxuser@Linux: ~



a@Linux: ~

vboxuser@Linux: ~

vboxuser@Linux: ~

```
vboxuser@Linux:~$ sudo chmod g=rx /home/a/a
vboxuser@Linux:~$
vboxuser@Linux:~$ sudo chmod o=rx /home/a/a
vboxuser@Linux:~$ sudo ls -lR /home/a/
/home/a/:
total 4
drwxr-xr-x 2 a a 4096 июн 16 15:13 a

/home/a/a:
total 4
-rw-r--r-- 1 a a 1 июн 16 15:13 a.txt
vboxuser@Linux:~$ sudo chmod g=rx /home/b/b
vboxuser@Linux:~$ sudo chmod o=rx /home/b/b
vboxuser@Linux:~$ sudo ls -lR /home/b/
/home/b/:
total 4
drwxr-xr-x 2 b b 4096 июн 16 15:14 b

/home/b/b:
total 4
-rw-r--r-- 1 b b 1 июн 16 15:14 b.txt
vboxuser@Linux:~$
```

Home

vboxuser@Linux: ~



a@Linux: ~

vboxuser@Linux: ~

vboxuser@Linux: ~

```
vboxuser@Linux:~$ sudo chmod +t /home/a/a
```

```
vboxuser@Linux:~$ sudo ls -lR /home/a
```

```
/home/a:
```

```
total 4
```

```
drwxr-xr-t 2 a a 4096 июн 16 15:13 a
```

```
/home/a/a:
```

```
total 4
```

```
-rw-r--r-- 1 a a 1 июн 16 15:13 a.txt
```

```
vboxuser@Linux:~$
```

Home

a@Linux: ~/a



a@Linux: ~

vboxuser@Linux: ~

a@Linux: ~/a

vboxuser@Linux:~\$ su a

Password:

a@Linux:/home/vboxuser\$ cd

a@Linux:~\$ cd a

a@Linux:~/a\$ echo > 1.txt

a@Linux:~/a\$ cp /etc/group ~/a/

a@Linux:~/a\$ ls -l

total 12

-rw-rw-r-- 1 a a 1 июн 16 15:30 1.txt

-rw-r--r-- 1 a a 1 июн 16 15:13 a.txt

-rw-r--r-- 1 a a 1152 июн 16 15:31 group

a@Linux:~/a\$ rm 1.txt

a@Linux:~/a\$ ls -l

total 8

-rw-r--r-- 1 a a 1 июн 16 15:13 a.txt

-rw-r--r-- 1 a a 1152 июн 16 15:31 group

a@Linux:~/a\$ nano group

a@Linux:~/a\$ cat group

123

root:x:0:

daemon:x:1:

bin:x:2:

sys:x:3:

adm:x:4:syslog,incon

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:

fax:x:21:

Home

vboxuser@Linux: ~

a@Linux: ~

vboxuser@Linux: ~

vboxuser@Linux: ~

```
syslog:x:111:
_ssh:x:112:
tss:x:113:
bluetooth:x:114:
ssl-cert:x:115:
uidd:x:116:
systemd-oom:x:117:
tcpdump:x:118:
avahi-autoipd:x:119:
netdev:x:120:
avahi:x:121:
lpadmin:x:122:incon
rtkit:x:123:
whoopsie:x:124:
sssd:x:125:
fwupd-refresh:x:126:
nm-openvpn:x:127:
scanner:x:128:saned
saned:x:129:
colord:x:130:
geoclue:x:131:
pulse:x:132:
pulse-access:x:133:
gdm:x:134:
lxd:x:135:incon
vboxuser:x:1000:
sambashare:x:136:incon
incon:x:1001:
g1:x:1002:a
a:x:1003:
b:x:1004:
g2:x:1005:b
a@Linux:~/a$ exit
exit
vboxuser@Linux:~$ nano /home/a/a/group
vboxuser@Linux:~$
```

Home

vboxuser@Linux: ~

a@Linux: ~

vboxuser@Linux: ~

vboxuser@Linux: ~

GNU nano 6.2

/home/a/a/group

[Path '/home/a/a': Permission denied]**^G** Help
^X Exit**^O** Write Out
^R Read File**^W** Where Is
^_ Replace**^K** Cut
^U Paste**^T** Execute
^J Justify**^C** Location
^/ Go To Line**M-U** Undo
M-E Redo**M-A** Set Mark
M-6 Copy