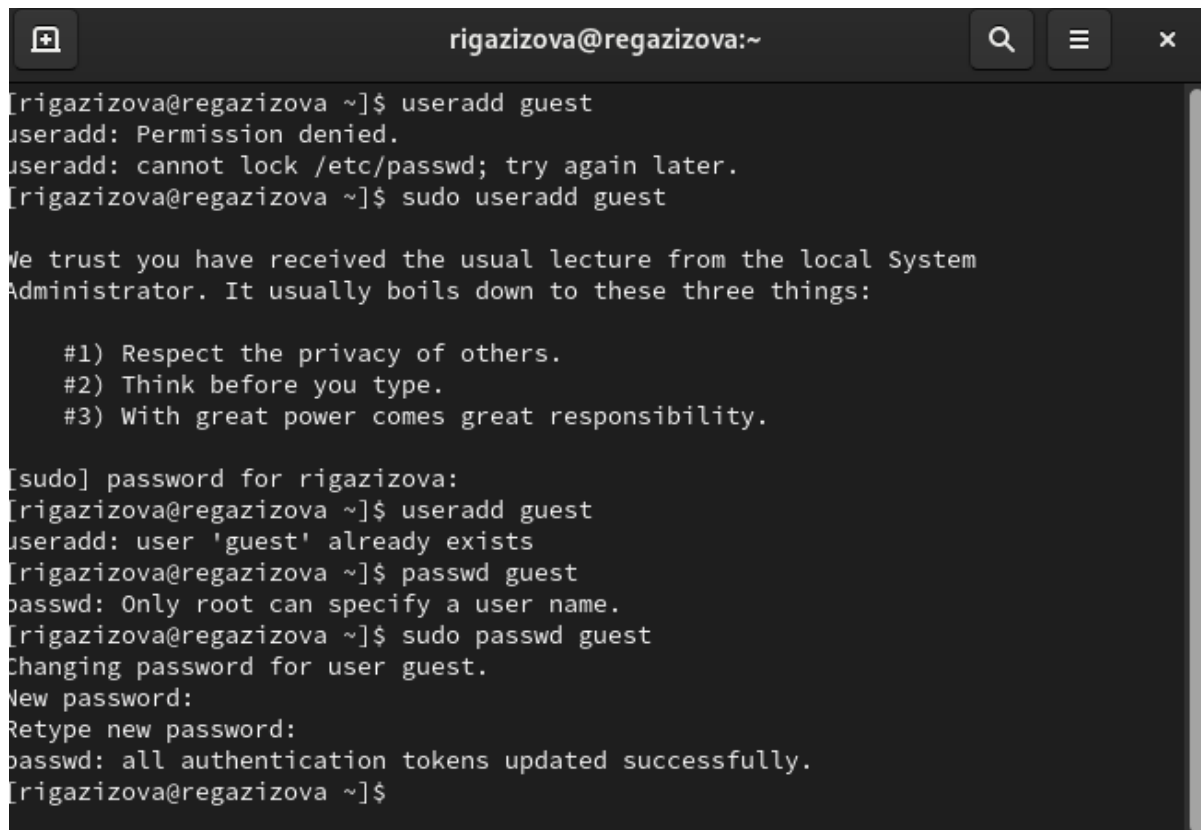


Процесс выполнения

Создаем учетную запись гостя (имя пользователя и пароль)

A terminal window titled 'rigazizova@regazizova:~' with search, menu, and close icons in the title bar. The terminal shows the following commands and output:

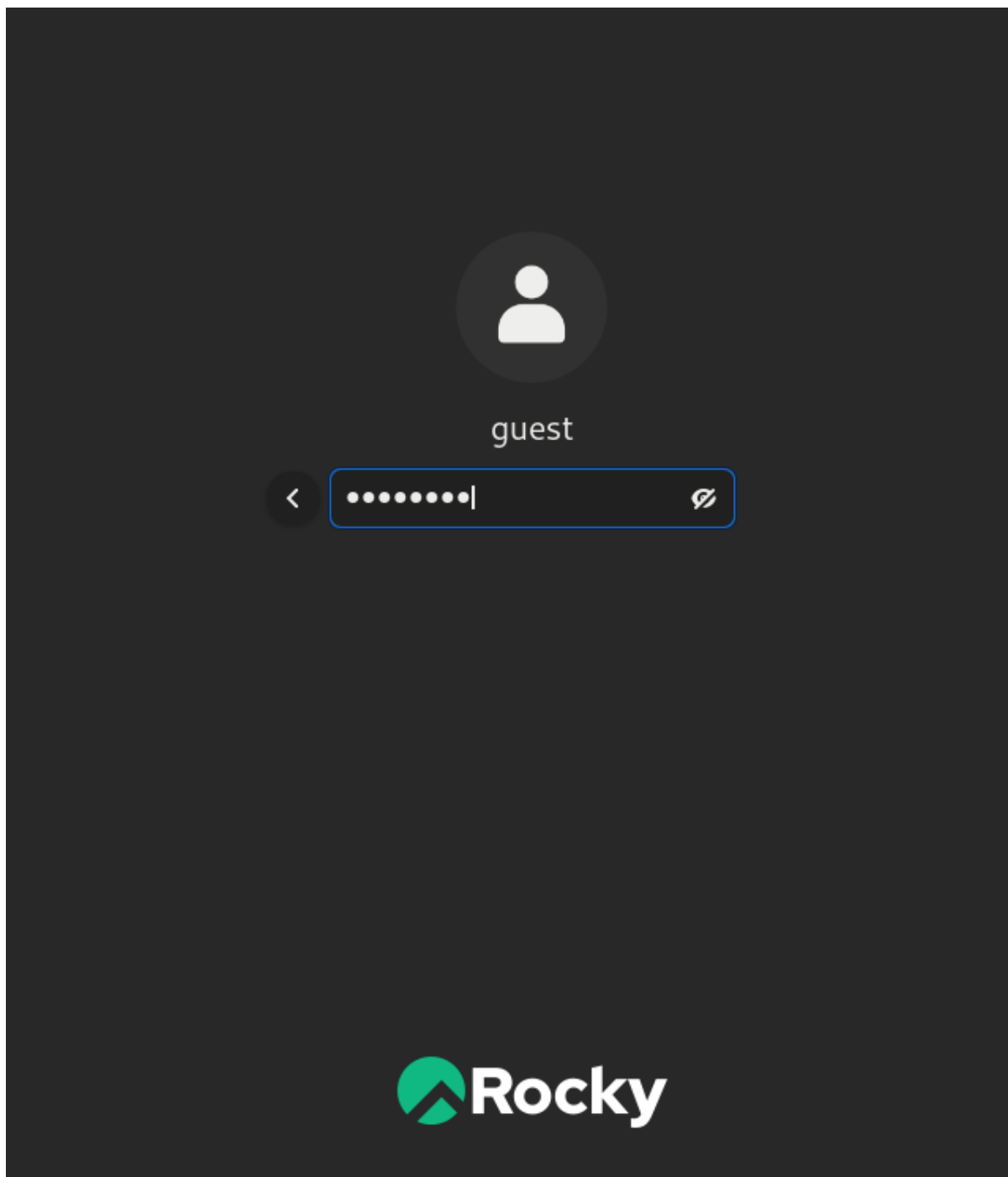
```
[rigazizova@regazizova ~]$ useradd guest
useradd: Permission denied.
useradd: cannot lock /etc/passwd; try again later.
[rigazizova@regazizova ~]$ sudo useradd guest

We trust you have received the usual lecture from the local System
Administrator. It usually boils down to these three things:

    #1) Respect the privacy of others.
    #2) Think before you type.
    #3) With great power comes great responsibility.

[sudo] password for rigazizova:
[rigazizova@regazizova ~]$ useradd guest
useradd: user 'guest' already exists
[rigazizova@regazizova ~]$ passwd guest
passwd: Only root can specify a user name.
[rigazizova@regazizova ~]$ sudo passwd guest
Changing password for user guest.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
[rigazizova@regazizova ~]$
```

Входим как пользователь guest



Определяем директорию, в которой находимся. Уточняем имя пользователя, его группу, а также группы, куда входит пользователь.

```
guest@regazizova:~  
[guest@regazizova ~]$ pwd  
/home/guest  
[guest@regazizova ~]$ whoami  
guest  
[guest@regazizova ~]$ id  
uid=1001(guest) gid=1001(guest) groups=1001(guest) context=unconfined_u:unconfined_r:unconfined_t:s0-s0:c0.c1023  
[guest@regazizova ~]$ groups  
guest  
[guest@regazizova ~]$
```

Находим свою учётную запись и определяем uid(1001) и git(1001) пользователя

```
guest@regazizova:~  
uid=1001(guest) gid=1001(guest) groups=1001(guest) context=unconfined_u:unconfined_r:unconfined_t:s0-s0:c0.c1023  
[guest@regazizova ~]$ groups  
guest  
[guest@regazizova ~]$ cat /etc/passwd  
root:x:0:0:root:/root:/bin/bash  
bin:x:1:1:bin:/bin:/sbin/nologin  
daemon:x:2:2:daemon:/sbin:/sbin/nologin  
adm:x:3:4:adm:/var/adm:/sbin/nologin  
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin  
sync:x:5:0:sync:/sbin:/bin/sync  
shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown  
halt:x:7:0:halt:/sbin:/sbin/halt  
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin  
operator:x:11:0:operator:/root:/sbin/nologin  
games:x:12:100:games:/usr/games:/sbin/nologin  
ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin  
nobody:x:65534:65534:Kernel Overflow User:/sbin/nologin  
systemd-coredump:x:999:997:systemd Core Dumper:/sbin/nologin  
dbus:x:81:81:System message bus:/sbin/nologin  
polkitd:x:998:996:User for polkitd:/sbin/nologin  
avahi:x:70:70:Avahi mDNS/DNS-SD Stack:/var/run/avahi-daemon:/sbin/nologin  
rtkit:x:172:172:RealtimeKit:/proc:/sbin/nologin  
pipewire:x:997:994:PipeWire System Daemon:/run/pipewire:/usr/sbin/nologin  
sssd:x:996:993:User for sssd:/sbin/nologin  
libstoragemgmt:x:991:991:daemon account for libstoragemgmt:/usr/sbin/nologin  
tss:x:59:59:Account used for TPM access:/usr/sbin/nologin  
geoclue:x:990:989:User for geoclue:/var/lib/geoclue:/sbin/nologin  
cockpit-ws:x:989:988:User for cockpit web service:/nonexisting:/sbin/nologin  
cockpit-wsinstance:x:988:987:User for cockpit-ws instances:/nonexisting:/sbin/nologin  
flatpak:x:987:986:User for flatpak system helper:/sbin/nologin  
colord:x:986:985:User for colord:/var/lib/colord:/sbin/nologin  
clevis:x:985:984:Clevis Decryption Framework unprivileged user:/var/cache/clevis:/usr/sbin/nologin  
setroubleshoot:x:984:983:SELinux troubleshoot server:/var/lib/setroubleshoot:/usr/sbin/nologin  
gdm:x:42:42:/var/lib/gdm:/sbin/nologin  
pesign:x:983:982:Group for the design signing daemon:/run/psign:/sbin/nologin  
gnome-initial-setup:x:982:981:/run/gnome-initial-setup:/sbin/nologin  
sshd:x:74:74:Privilege-separated SSH:/usr/share/empty.sshd:/usr/sbin/nologin  
chrony:x:981:980:chrony system user:/var/lib/chrony:/sbin/nologin  
dnsmasq:x:980:979:Dnsmasq DHCP and DNS server:/var/lib/dnsmasq:/usr/sbin/nologin  
tcpdump:x:72:72:/sbin/nologin  
regazizova:x:1000:1000:regazizova:/home/regazizova:/bin/bash  
vboxadd:x:979:1:/var/run/vboxadd:/bin/false  
guest:x:1001:1001:/home/guest:/bin/bash  
[guest@regazizova ~]$  
[guest@regazizova ~]$ cat /etc/passwd | grep guest  
guest:x:1001:1001:/home/guest:/bin/bash
```

Определяем существующие в системе директории и их права

```
[guest@regazizova ~]$ ls -l /home/
total 8
drwx-----. 14 guest      guest      4096 Sep 12 17:54 guest
drwx-----. 14 rigazizova rigazizova 4096 Sep 12 17:50 rigazizova
[guest@regazizova ~]$
```

Пытаемся проверить, какие расширенные атрибуты установлены на поддиректориях, находящихся в директории /home

```
[guest@regazizova ~]$ lsattr /home
lsattr: Permission denied while reading flags on /home/rigazizova
----- /home/guest
[guest@regazizova ~]$
```

Создаем в домашней директории поддиректорию dirr1. Определяем командами, какие права доступа и расширенные атрибуты были выставлены на директорию dirr1

```
[guest@regazizova ~]$ mkdir dirr1
[guest@regazizova ~]$ ls -l
total 0
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Desktop
d------. 2 guest guest 6 Sep 12 18:03 dir1
drwxr-xr-x. 2 guest guest 6 Sep 12 18:14 dirr1
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Documents
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Downloads
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Music
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Pictures
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Public
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Templates
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Videos
[guest@regazizova ~]$ lsattr
----- ./Desktop
----- ./Downloads
----- ./Templates
----- ./Public
----- ./Documents
----- ./Music
----- ./Pictures
----- ./Videos
lsattr: Permission denied while reading flags on ./dir1
----- ./dirr1
```

Снимаем с директории dirr1 все атрибуты

```
[guest@regazizova ~]$ chmod 000 dirr1
[guest@regazizova ~]$ ls -l
total 0
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Desktop
d----- . 2 guest guest 6 Sep 12 18:03 dir1
d----- . 2 guest guest 6 Sep 12 18:14 dirr1
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Documents
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Downloads
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Music
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Pictures
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Public
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Templates
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Videos
```

Попытались создать в директории dirr1 файл file1.

```
[guest@regazizova ~]$ echo "test" > /home/guest/dirr1/file1
bash: /home/guest/dirr1/file1: Permission denied
[guest@regazizova ~]$ ls -l ?home/guest/dirr1
ls: cannot access '?home/guest/dirr1': No such file or directory
[guest@regazizova ~]$ chmod 700 dirr1
[guest@regazizova ~]$ ls -l
total 0
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Desktop
d----- . 2 guest guest 6 Sep 12 18:03 dir1
drwx----- . 2 guest guest 6 Sep 12 18:14 dirr1
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Documents
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Downloads
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Music
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Pictures
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Public
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Templates
drwxr-xr-x. 2 guest guest 6 Sep 12 17:54 Videos
[guest@regazizova ~]$ ls -l /home/guest/dirr1
total 0
[guest@regazizova ~]$ cd dirr1
[guest@regazizova dirr1]$ ls
[guest@regazizova dirr1]$ cd ../
```