

Дискреционное разграничение прав в Linux. Два пользователя

Абд эль хай мохамад

РУДН, Москва, Российская Федерация

Получение практических навыков работы в консоли с атрибутами файлов для групп пользователей

Выполнение задачи

```
guest2@localhost:/home/user
useradd: cannot lock /etc/passwd; try again later.
[user@localhost ~]$ sudo useradd guest2
[sudo] password for user:
[user@localhost ~]$ passwd guest2
passwd: Only root can specify a user name.
[user@localhost ~]$ sudo passwd guest2
Changing password for user guest2.
New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word
Retype new password:
passwd: all authentication tokens updated successfully.
[user@localhost ~]$ gpasswd -a guest2 guest
gpasswd: Permission denied.
[user@localhost ~]$ uname -i
x86_64
[user@localhost ~]$ sudo -i
[root@localhost ~]# gpasswd -a guest2 guest
Adding user guest2 to group guest
[root@localhost ~]# exit
logout
[user@localhost ~]$ su guest2
Password:
[guest2@localhost user]$
```

```
[guest2@localhost user]$ groups guest2
guest2 : guest2 guest
[guest2@localhost user]$
```

Выполнение задачи

guest@localhost:/home/user

```
[guest@localhost user]$ pwd
/home/user
[guest@localhost user]$ groups guest
groups: 'guest': no such user
[guest@localhost user]$ groups guest
guest : guest
[guest@localhost user]$
```

guest2@localhost:/home/user

```
geoclue:x:996:994:User for geoclue:/var/lib/geoclue:/sbin/nologin
cockpit-ws:x:995:992:User for cockpit web service:/nonexisting:/sbin/nologin
cockpit-wsinstance:x:994:991:User for cockpit-ws instances:/nonexisting:/sbin/nologin
rtkit:x:172:172:RealtimeKit:/proc:/sbin/nologin
pipewire:x:993:990:PipeWire System Daemon:/run/pipewire:/usr/sbin/nologin
libstoragemgmt:x:988:988:daemon account for libstoragemgmt:/usr/sbin/nologin
flatpak:x:987:986:User for flatpak system helper:/usr/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
gnome-initial-setup:x:983:982::/run/gnome-initial-setup:/sbin/nologin
chrony:x:982:981:chrony system user:/var/lib/chrony:/sbin/nologin
sshd:x:74:74:Privilege-separated SSH:/usr/share/empty.sshd:/usr/sbin/nologin
dnsmasq:x:981:980:Dnsmasq DHCP and DNS server:/var/lib/dnsmasq:/usr/sbin/nologin
tcpdump:x:72:72::/usr/sbin/nologin
user:x:1000:1000:user:/home/user:/bin/bash
vboxadd:x:980:1::/var/run/vboxadd:/bin/false
guest:x:1001:1001::/home/guest:/bin/bash
guest2:x:1002:1002::/home/guest2:/bin/bash
[guest2@localhost user]$
```

Выполнение задачи

```
[guest@localhost user]$ chmod g+rx /home/guest
[guest@localhost user]$ cd /home/guest/
[guest@localhost ~]$ ls
Desktop  dir1  Documents  Downloads  Music  Pictures  Public  Templates  Videos
[guest@localhost ~]$ chmod 000 dir1
[guest@localhost ~]$ ls -l
total 0
drwxr-xr-x. 2 guest guest 6 Sep 14 17:44 Desktop
d------. 2 guest guest 6 Sep 14 17:49 dir1
drwxr-xr-x. 2 guest guest 6 Sep 14 17:44 Documents
drwxr-xr-x. 2 guest guest 6 Sep 14 17:44 Downloads
drwxr-xr-x. 2 guest guest 6 Sep 14 17:44 Music
drwxr-xr-x. 2 guest guest 6 Sep 14 17:44 Pictures
drwxr-xr-x. 2 guest guest 6 Sep 14 17:44 Public
drwxr-xr-x. 2 guest guest 6 Sep 14 17:44 Templates
drwxr-xr-x. 2 guest guest 6 Sep 14 17:44 Videos
[guest@localhost ~]$
```

Научился управлять двумя пользователями.

Спасибо За Внимание