Дискреционное разграничение прав в Linux. Основные атрибуты

```
anaconda-ks.crg
[root@localhost ~]# useradd guest
[root@localhost ~]# passwd guest
Changing password for user guest.
New password:
Retype new password:
passwd: all authentication tokens updated success
```

```
localhost login: guest
Password:
[guest@localhost ~]$ pwd
/home/guest
[guest@localhost ~]$ whoami
guest
[guest@localhost ~]$ id
uid=1000(guest) gid=1000(guest) groups=1000(guest) context=unconfined_u:unconfi
-s0:c0.c1023
[guest@localhost ~]$ groups
guest
[guest@localhost ~]$ _
```

```
[guest@localhost ~]$ 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:99:99:Nobody:/:/sbin/nologin
systemd-network:x:192:192:systemd Network Management:/:/sbin/nologin
dbus:x:81:81:System message bus:/:/sbin/nologin
polkitd:x:999:998:User for polkitd:/:/sbin/nologin
sshd:x:74:74:Privilege-separated SSH:/var/empty/sshd:/sbin/nologin
postfix:x:89:89::/var/spool/postfix:/sbin/nologin
chrony:x:998:996::/var/lib/chrony:/sbin/nologin
guest:x:1000:1000::/home/guest:/bin/bash
```

```
[guest@localhost ~]$ ls -l home
ls: cannot access home: No such file or directory
[guest@localhost ~]$ ls -l /home/
total 0
drwx------. 2 guest guest 62 Feb 19 10:38 guest
[guest@localhost ~]$ lsattr /home
---------------- /home/guest
[guest@localhost ~]$ cd /home/guest/
[guest@localhost ~]$ mkdir dir1
[guest@localhost ~]$ ls
dir1
[guest@localhost ~]$ ls dir1
[guest@localhost ~]$ ls -l dir
ls: cannot access dir: No such file or directory
[guest@localhost ~]$ ls -l dir1
total 0
[guest@localhost ~]$ lsattr dir1
[guest@localhost ~]$ chmod 000 dir1
[guest@localhost ~]$ ls -l
total 0
d---------. 2 guest guest 6 Feb 19 10:42 dir1
[guest@localhost ~]$ echo "test" > /home/guest/dir1/file1
-bash: /home/guest/dir1/file1: Permission denied
[guest@localhost ~]$ ls -l /home/guest/dir1/
ls: cannot open directory /home/guest/dir1/: Permission denied
[guest@localhost ~]$ sudo ls -l /home/guest/dir1/

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 guest:
guest is not in the sudoers file.  This incident will be reported.
[guest@localhost ~]$ _
```