# Дискреционное разграничение прав в Linux. Основные атрибуты

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5 марта, 2025, Москва, Россия

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### Цели и задачи работы ——

### Цель лабораторной работы

Получить практические навыки работы в консоли с атрибутами файлов, закрепить теоретические основы дискреционного разграничения доступа в современных системах с открытым кодом на базе ОС Linux.

# лабораторной работы

Процесс выполнения

#### Определяем UID и группу

```
In Indibazova(ninbazova:) su guest
Rapona:
guesten(ninbazova:) fune/funebazova(s pmd
//home/funbazova:) pmd
//home/funbazova: fune/funebazova(s guesten(ninbazova:) fune
// guesten(ninbazova:) su fune
// funed/funbazova: su fune
// funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/funed/f
```

**Рис. 1:** Информация о пользователе guest

#### Файл с данными о пользователях

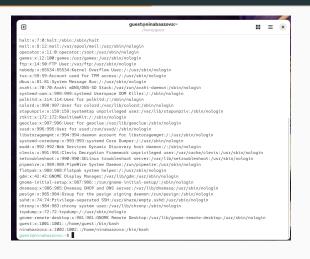


Рис. 2: Сожержимое файла /etc/passwd

#### Доступ к домашним директориям

```
guest@ninabaazova:~$
guest@ninabaazova:~$ ls -l /home
wroro 4
drwx-----. 3 guest guest 78 фев 5 19:27 guest
drwx----. 14 ninabaazova ninabaazova 4096 фев 11 11:06 ninabaazova
guest@ninabaazova:~$ lsattr /home/
------------/home/guest
lsattr: Огказано в доступе While reading flags on /home/ninabaazova
guest@ninabaazova:~$
```

Рис. 3: Расширенные атрибуты

#### Атрибуты директории

```
guest@ninabaazova:~$
guest@ninabaazova:~$ cd
guest@ninabaazova:~$ cd
guest@ninabaazova:~$ ls -l | grep dir1
drwxr-xr-x. 2 guest guest 6 фев 11 11:18 dir1
guest@ninabaazova:~$ chmod 000 dir1/
guest@ninabaazova:~$ ls -l | grep dir1
d------- 2 guest guest 6 фев 11 11:18 dir1
guest@ninabaazova:~$ echo test > dir1/file1
bash: dir1/file1: Отказано в доступе
guest@ninabaazova:~$ cd dir1/
bash: cd: dir1/: Отказано в доступе
guest@ninabaazova:~$
```

Рис. 4: Снятие атрибутов с директории

### Права и разрешённые действия

Проводую туром			
Права на дирек	торию	Права на ф	айл
d-wx (	(300)		(000)
d-wx (	(300)		(000)
dx (	(100)	-r	(400)
dx (	(100)	w	(200)
d-wx (	(300)		(000)
d-wx (	(300)		(000)
d-wx (	(300)		(000)
	d-wx ( dx ( d-wx ( d-wx (	d-wx (300) dx (100) dx (100) d-wx (300) d-wx (300)	d-wx (300)

Рис. 5: Минимальные права для совершения операций

Выводы по проделанной работе

#### Вывод

В ходе выполнения лабораторной работы были получены навыки работы с атрибутами файлов и сведения о разграничении доступа.