

1/ ping: 188290@client22:~\$ ping -c 4 client22

PING google.com (64.233.161.102) 56(84) bytes of data.

64 bytes from lh-in-f102.1e100.net (64.233.161.102): icmp_seq=1 ttl=49 time=17.2 ms

64 bytes from lh-in-f102.1e100.net (64.233.161.102): icmp_seq=2 ttl=49 time=17.8 ms

64 bytes from lh-in-f102.1e100.net (64.233.161.102): icmp_seq=3 ttl=49 time=18.2 ms

--- google.com ping statistics ---

3 packets transmitted, 3 received, 0% packet loss, time 2002ms

rtt min/avg/max/mdev = 17.246/17.771/18.230/0.404 ms

2/ ssh

188290@client22:~\$ ssh 188290@cameron

188290@client22's password:

Welcome to Ubuntu 16.04.5 LTS (GNU/Linux 4.15.0-36-generic x86_64)

* Documentation: <https://help.ubuntu.com>

* Management: <https://landscape.canonical.com>

* Support: <https://ubuntu.com/advantage>

New release '18.04.1 LTS' available.

Run 'do-release-upgrade' to upgrade to it.

Last login: Thu Oct 4 10:40:56 2018 from 192.168.2.45

188290@cameron:~\$ ls

3/ scp

188290@cameron:~\$ scp f1 188219@cameron:~/g1

The authenticity of host 'client09 (192.168.2.45)' can't be established.

ECDSA key fingerprint is SHA256:Y7IYMaf9GVfN0E/VObRer8ZfYtkKyw70iomhm3D3imc.

Are you sure you want to continue connecting (yes/no)? yes

Warning: Permanently added 'client09,192.168.2.45' (ECDSA) to the list of known hosts.

188219@cameron's password:

f1 100% 20 0.0KB/s 00:00

188219@cameron:~\$ ls

ch.2 d1 d30 g1 Видео Загрузки Музыка Рабочий стол

ciplenok d2 di lastproto Документы Изображения Общедоступные Шаблоны

4/ sftp

188290@cameron:~\$ sftp 188219@cameron

188219@cameron's password:

Connected to cameron.

sftp> **get** file1

Fetching /stud/188219/file1 to file1

/stud/188219/file1 100% 13 0.0KB/s 00:00

sftp> **ls**

f1 file1 g1 Видео Документы Загрузки Изображения Музыка Общедоступные Рабочий стол Шаблоны

sftp> **put** g1

Uploading g1 to /stud/188219/g1

g1 100% 20 0.0KB/s 00:00

sftp> **ls**

arhiv.tar	d1	d2	file1
g1	lastproto	Видео	Документы
Загрузки	Изображения	Музыка	Общедоступные
Рабочий стол	Шаблоны		

5/ Архивация и упаковка

TAR

1.Создание архива:

```
188290@cameron:~/files$ tar -cvf archive.tar file1 file2 file3
file1
file2
file3
```

2. Распаковка архива:

```
188290@cameron:~/files$ tar -xvf archive.tar
file1
file2
file3
```

3.Просмотр содержимого архива:

```
188290@cameron:~/files$ tar -tf archive.tar
file1
file2
file3
```

4.Добавить файл в архив:

```
188290@cameron:~/files$ tar -rvf archive.tar file4
file4
188290@cameron:~/files$ tar -tf archive.tar
file1
file2
file3
file4
```

GZIP

1.Сжатие файла

```
188290@cameron:~/files$ gzip -c file4> file4.gz
```

2.Распаковка файла:

```
188290@cameron:~/files$ gunzip -c file4.gz
```

BZIP2

1.Сжатие файла:

```
188290@cameron:~/files$ bzip2 file4
188290@cameron:~/files$ ls
archive.tar file1 file2 file3 file4.bz2 file4.gz
```

2.Восстановление оригинальной версии из сжатой:

```
188290@cameron:~/files$ bzip2 -d file4.bz2
188290@cameron:~/files$ ls
archive.tar file1 file2 file3 file4 file4.gz
```

3.Сжатие файла с сохранением оригинала:

```
188290@cameron:~/files$ bzip2 -k file3
188290@cameron:~/files$ ls
archive.tar file1 file2 file3 file3.bz2 file4 file4.gz
```

6/ Кодировка

1.dict

```
188290@cameron:~$ dict pineapple | iconv -f utf-8 -t koi8-r
3 definitions found
```

From The Collaborative International Dictionary of English v.0.48 [gcide]:

fragmentation grenade \fragmentation grenade\ n. (Mil.)

A type of hand grenade designed to burst into multiple fragments upon detonation of the explosive charge; the fragments fly away at high velocity, killing or wounding persons nearby. Contrasted to {concussion grenade}. The

common type of fragmentation grenade used by the American military was sometimes jocosely referred to as a {pineapple} from its reticulated surface appearance, resembling that of the fruit.
[PJC]

From The Collaborative International Dictionary of English v.0.48 [gcide]:

Pineapple \Pine"ap`ple\, n. (Bot.)
A tropical plant ({Ananassa sativa}); also, its fruit; -- so called from the resemblance of the latter, in shape and external appearance, to the cone of the pine tree. Its origin is unknown, though conjectured to be American.
[1913 Webster]

From WordNet (r) 3.0 (2006) [wn]:

pineapple
n 1: a tropical American plant bearing a large fleshy edible fruit with a terminal tuft of stiff leaves; widely cultivated in the tropics [syn: {pineapple}, {pineapple plant}, {Ananas comosus}]
2: large sweet fleshy tropical fruit with a terminal tuft of stiff leaves; widely cultivated [syn: {pineapple}, {ananas}]

2.iconv

188290@cameron:~\$ file abc

Abc: ASCII text

188290@cameron:~\$ iconv -c -f ASCII -t utf-8 abc

188290@cameron:~\$ file abc

abc: UTF-8 Unicode text