

Figure 1: Virtualbox

Figure 1: Figure 1: Virtualbox

Figure 3:

Figure 2: Figure 3:

№1

: -01-24 # 1 1  
2 1  
3 1  
3.1 1  
3.2 1  
3.3 1  
3.4 1  
4 1  
5 1  
6 1

1 1

1. # 2 1. 1.  
1. # 3 1. ## 3.1  
Virtualbox “  
( ” )“,  
Figure 1: Virtualbox ( . 1).  
“ ”,  
( . 2).

Figure 2:

4096 ( . 3).

Figure 3:

Figure 4:

Figure 3: Figure 4:

Figure 5:

Figure 4: Figure 5:

( . 4).

*Figure 4:*

: VDI ( . 5).

*Figure 5:*

- 80 , , . .  
( . 6).

*Figure 6:*

( . 7).

*Figure 7:*

Virtualbox . “ ”,  
Fedora ( . 8).

*Figure 8:*

( . 9).

*Figure 9:*

## **3.2**  
( . 10).

*Figure 10:*

. Enter , Enter,  
Win ( . 11).

*Figure 11:*

Win+Enter . liveinst ( . 12).

*Figure 12:*

, Win+w.  
( . 13).

*Figure 13:*

Figure 7:

Figure 5: Figure 7:

Figure 10:

Figure 6: Figure 10:

Figure 18:

Figure 7: Figure 18:

, ( . 14).

Figure 14:

( . 16).

Figure 16:

( . 17).

Figure 18:

Figure 20: ## ## **3.3**

Figure 23:

Win+Enter - ( . 24).

Figure 24:

( . 25).

Figure 25:

: tmux “ ” , mc  
( . 26).

Figure 26: *tmux mc*

( . 27).

Figure 27:

( . 28).

Figure 28:

/etc/selinux, md, ( . 29).

Figure 29:

: SELINUX=enforcing SELINUX=permissive ( . 30).

Figure 20:

Figure 8: Figure 20:

ref1

Figure 9: ref1

ref2

Figure 10: ref2

Figure 30:

( . 31).

Figure 31:

, , ( . 32).

Figure 32:

- ( . 33).

Figure 33:

-  
( . 34).

Figure 34:

( . 35).

Figure 35:

/tc/X11/xorg.conf.d, mc , 00-keyboard.conf  
( . 38).

Figure 38:

, mc  
( . 39).

Figure 39:

( . 40).

Figure 40:

## 3.4  
tmux, - ( . 41).

Figure 41:

-  
pandoc dnf -y, “yes”  
( . 42).

Figure 42:

pandoc  
pandoc-crossred ( . 43).

ref3

Figure 11: ref3

ref4

Figure 12: ref4

ref5

Figure 13: ref5

Figure 43: *pandoc-crossred*

texlive ( . 44).

Figure 44: *texlive* # 4

. # 5 1. Linux :  
(login name). (UID). •  
(GID). ( ).  
/etc/passwd.  
2.

: man

: man ls

: cd < \_\_ >

: cd /home/usr/Documents

: ls

: ls -l

: du -sh

: du -sh /home/usr/Documents

: mkdir < \_ >

: mkdir new\_folder

: rmdir < \_ >

: rmdir old\_folder

: touch < \_ >

: touch new\_file.txt

: rm < \_ >

ref6

Figure 14: ref6

```

: rm old_file.txt

/ : chmod
: chmod 755 script.sh
: history
3. — . ,
: •
ext4: Linux,
Btrfs: , , .
NTFS: Windows, Linux .
4. :
df -h

mount
5. ? , kill PID
( ): 1. PID :
Bash
ps aux | grep < _ >
2. : kill
, “ ” : kill -9

```

## 2 6

dmesg, ( . 45).

Figure 45:

, ‘dmesg | grep -i’, Linux: 6.1.10-  
200.fc37.x86\_64 ( . 46).

Figure 46:

, “Detected Mhz processor” , ,  
- , ( : “Mhz  
processor”) : 1992 Mhz ( . 47).

Figure 47:

( . 48).

*Figure 48:*

, . . . ,

( . 49).

*Figure 49:*

( . 50).

*Figure 50:*

fdisk ( . 51).

*Figure 51:*

, dmesg mount

( . 52).

*Figure 52:*