

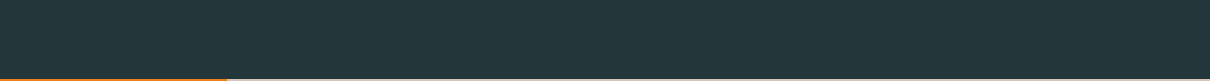
**Nº 1**

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- [1032225751@pfur.ru]





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Rocky



VirtualBox (<https://www.virtualbox.org/>)

Linux (Rocky (<https://rockylinux.org/>)).

- , .  
- : – Intel Core i3-550 3.2 GHz, 4 GB ,  
20 GB ; – Linux Gentoo (<http://www.gentoo.ru/>); –  
VirtualBox . 6.1 ; – :  
[/afs/dk.sci.pfu.edu.ru/common/files/iso/](http://afs.dk.sci.pfu.edu.ru/common/files/iso/).





```
iso- , virtualbox " " , " ".  
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( , , .
```

( . (fig:001?)).

```
[iakorolev@localhost ~]$ su -
Пароль:
[root@localhost ~]# adduser -G wheel iakorolev
adduser: пользователь «iakorolev» уже существует
[root@localhost ~]# passwd iakorolev
Изменение пароля пользователя iakorolev.
Новый пароль:
Повторите ввод нового пароля:
passwd: данные аутентификации успешно обновлены.
[root@localhost ~]# hostnamectl set-hostname iakorolev
[root@localhost ~]# hostnamectl
  Static hostname: iakorolev
            Icon name: computer-vm
            Chassis: vm 

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        Machine ID: 235065ef3d8c4700a01f144b7f99796d
        Boot ID: 5f713bdf44e946c897e20eff2118b452
  Virtualization: oracle
Operating System: Rocky Linux 9.3 (Blue Onyx)
        CPE OS Name: cpe:/o:rocky:rocky:9::baseos
        Kernel: Linux 5.14.0-362.8.1.el9_3.x86_64
  Architecture: x86-64
Hardware Vendor: innotek GmbH
Hardware Model: VirtualBox
Firmware Version: VirtualBox
[root@localhost ~]#
```

( . (fig:002?)).

```
[root@localhost ~]# dmccg | grep -i "linux version"
0.9999999] linux_version: 5.14.0-362.el9.x86_64 (mockbuild@fadi-prod-bu1d991.bld.eqs.rockylinux.org) (gcc (GCC) 11.4.1 20210605 (Red Hat 11.4.1-2), GNU ld version 2.35.2-62.el9) #1 SMP PREEMPT_DYNAMIC Wed Nov 8 17:16:52 UTC 2023
[root@localhost ~]#
```

. 2:

(Detected Mhz processor)( . (fig:003?)).

```
[root@iakorolev ~]# dmesg | grep -i "processor"  
[    0.000006] tsc: Detected 3194.002 MHz processor
```

. 3:

(CPU0).( . (fig:004?)).

```
[root@iakorolev ~]# dmesg | grep -i "CPU0"  
[ 0.154378] smpboot: CPU0: AMD Ryzen 7 5800H with Radeon Graphics (family: 0x19, model: 0x50, stepping: 0x0)
```

. 4:

# (Memory available).( . (fig:005?)).

```
[root@iakorolev ~]# dmesg | grep -i "memory"
[ 0.000931] ACPI: Reserving FACP table memory at [mem 0xbd2f00f0-0xbd2f01e3]
[ 0.000932] ACPI: Reserving DSDT table memory at [mem 0xbd2f0620-0xbd2f2972]
[ 0.000932] ACPI: Reserving FACS table memory at [mem 0xbd2f0200-0xbd2f023f]
[ 0.000933] ACPI: Reserving FACS table memory at [mem 0xbd2f0200-0xbd2f023f]
[ 0.000933] ACPI: Reserving APIC table memory at [mem 0xbd2f0240-0xbd2f02ab]
[ 0.000934] ACPI: Reserving SSDT table memory at [mem 0xbd2f02b0-0xbd2f061b]
[ 0.01204] Early memory node ranges
[ 0.002457] PM: hibernation: Registered nosave memory: [mem 0x00000000-0x000000ffff]
[ 0.002459] PM: hibernation: Registered nosave memory: [mem 0x00000000-0x000000ffff]
[ 0.002459] PM: hibernation: Registered nosave memory: [mem 0x000a0000-0x000000ffff]
[ 0.002459] PM: hibernation: Registered nosave memory: [mem 0x000f0000-0x000000ffff]
[ 0.010540] Memory: 260860K/3899192K available (16384K kernel code, 5596K rwdma, 11444K rodata, 3824K init, 18424K bss, 177924K reserved, 0K cma-reserved)
[ 0.052073] Freeing SMP alternatives memory: 36K
[ 0.106820] x86/mm: Memory block size: 120MB
[ 0.260715] Non-volatile memory driver v1.3
[ 0.633617] Freeing initrd memory: 57180K
[ 1.103040] Freeing unused decrypted memory: 2036K
[ 1.104515] Freeing unused kernel image (initmem) memory: 3824K
[ 1.269345] Freeing unused kernel image (rodata/data gap) memory: 844K
[ 1.684839] vmwgfx 0000:00:02.0: [drm] Legacy memory limits: VRAM = 16384 kB, FIFO = 2048 kB, surface = 507904 kB
[ 1.684842] vmwgfx 0000:00:02.0: [drm] Maximum display memory size is 16384 kiB
[root@iakorolev ~]#
```

. 5:

(Hypervisor detected).( . (fig:006?)).

```
[iakorolev@iakorolev ~]$ dmesg | grep -i "Hypervisor"  
[    0.000000] Hypervisor detected: KVM  
[iakorolev@iakorolev ~]$
```

. 6:



.( . (fig:007?)).

```
[takorolev@takorolev ~]$ dmesg | grep -i "LVH"
[ 0.000000] Command line: BOOT_IMAGE=(hda,msdos1)/vmlinuz-5.14.0-362.8.1.el9_3.x86_64 root=/dev/mapper/r1-root ro resume=/dev/mapper/r1-swap rd.lvm.lvcr/root rd.lvm.lvcr/swap rhgb quiet
[ 0.000013] Kernel command line: BOOT_IMAGE=(hda,msdos1)/vmlinuz-5.14.0-362.8.1.el9_3.x86_64 root=/dev/mapper/r1-root ro resume=/dev/mapper/r1-swap rd.lvm.lvcr/root rd.lvm.lvcr/swap rhgb quiet
[ 3.327217] systemd[1]: Listening on LV2 poll daemon socket.
[ 3.337576] systemd[1]: Starting Monitoring of LV2 mirrors, snapshots etc. using dmeventd or progress polling...
[takorolev@takorolev ~]$
```

. 7:

.( . (fig:008?)).

```
[iakorolev@iakorolev ~]$ dmesg | grep -i "mounted"
[   3.357647] systemd[1]: Mounted Huge Pages File System.
[   3.357806] systemd[1]: Mounted POSIX Message Queue File System.
[   3.357933] systemd[1]: Mounted Kernel Debug File System.
[   3.358158] systemd[1]: Mounted Kernel Trace File System.
[iakorolev@iakorolev ~]$
```

. 8:



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