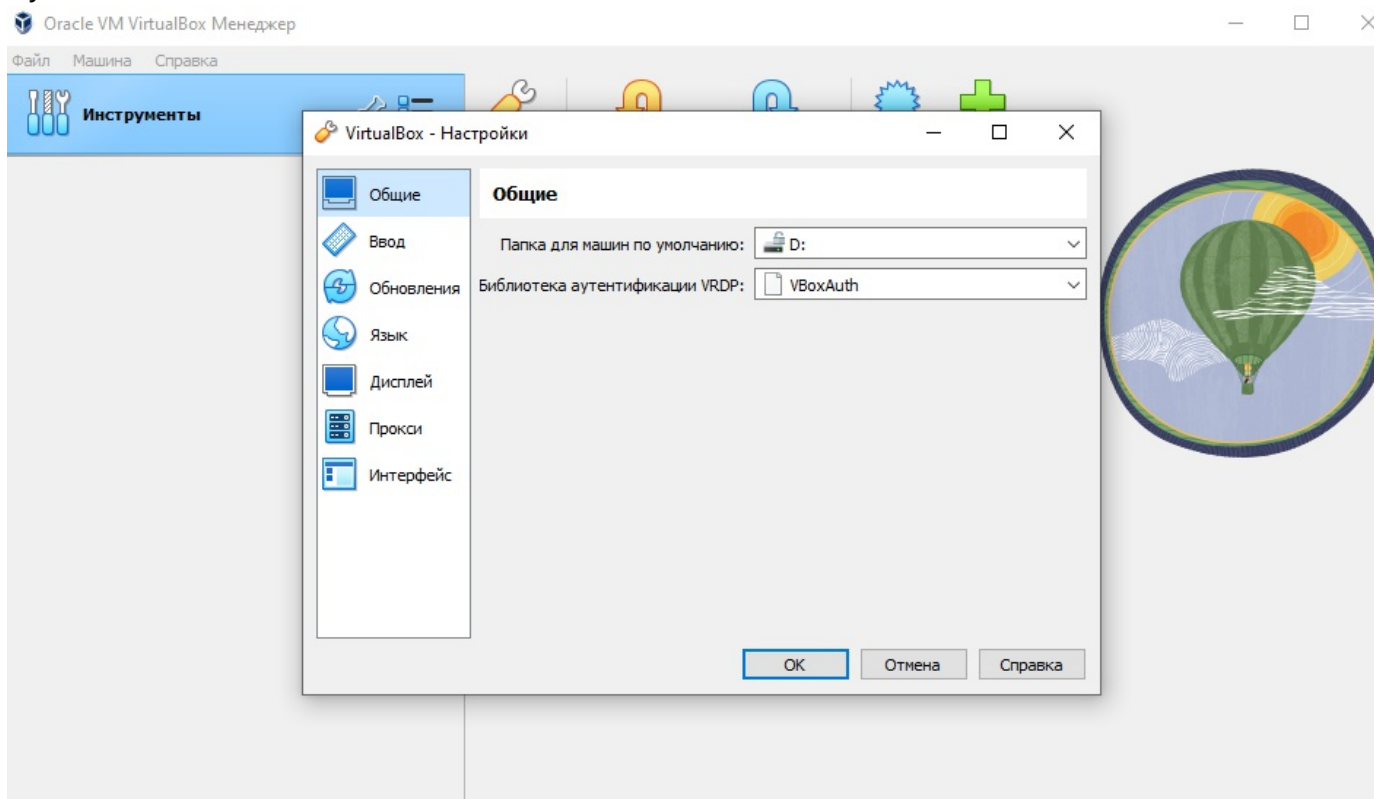


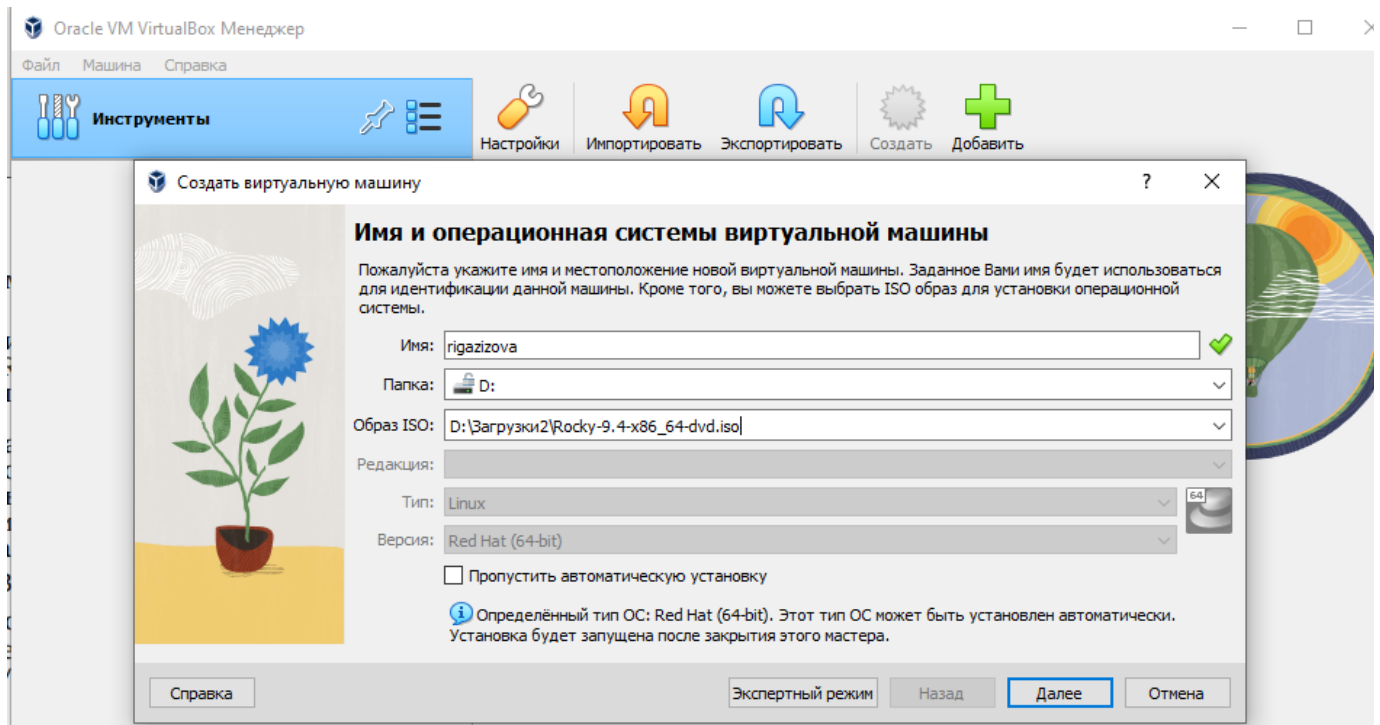
Презентация к лабораторной работе №1

Установка виртуальной машины

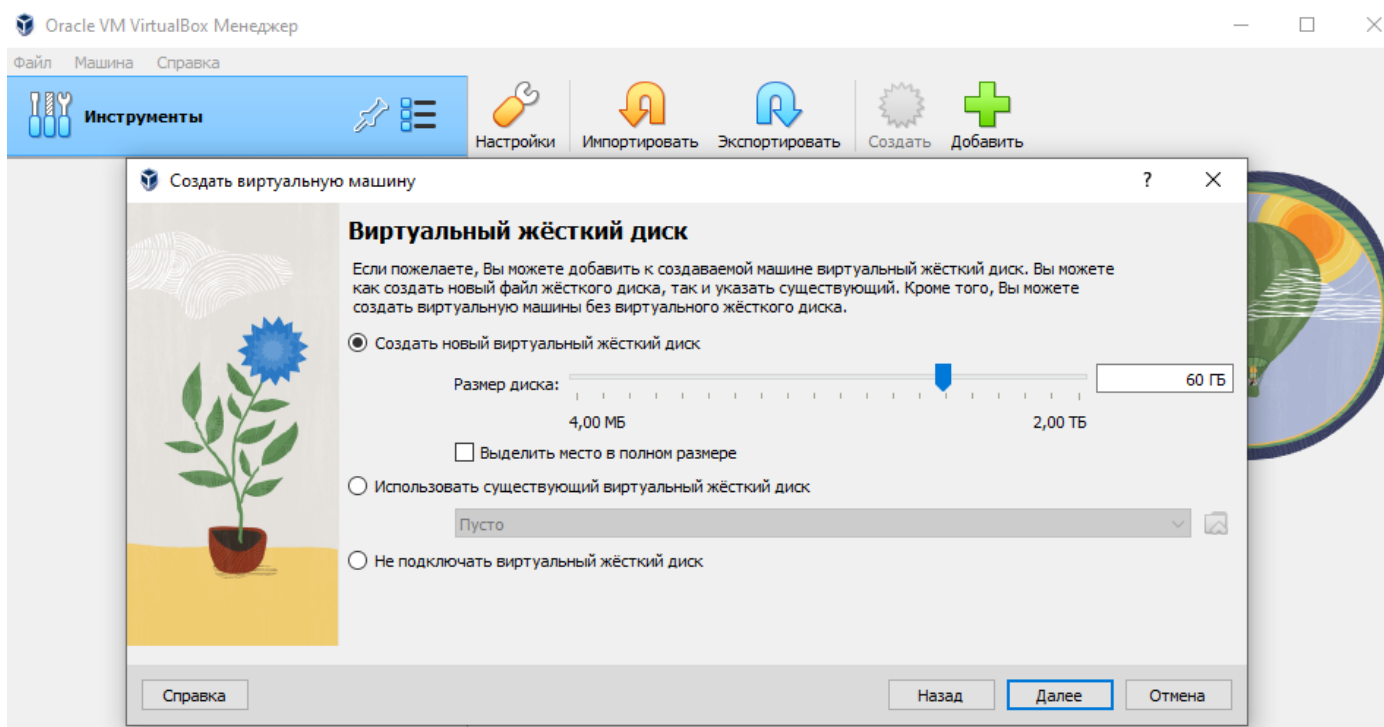
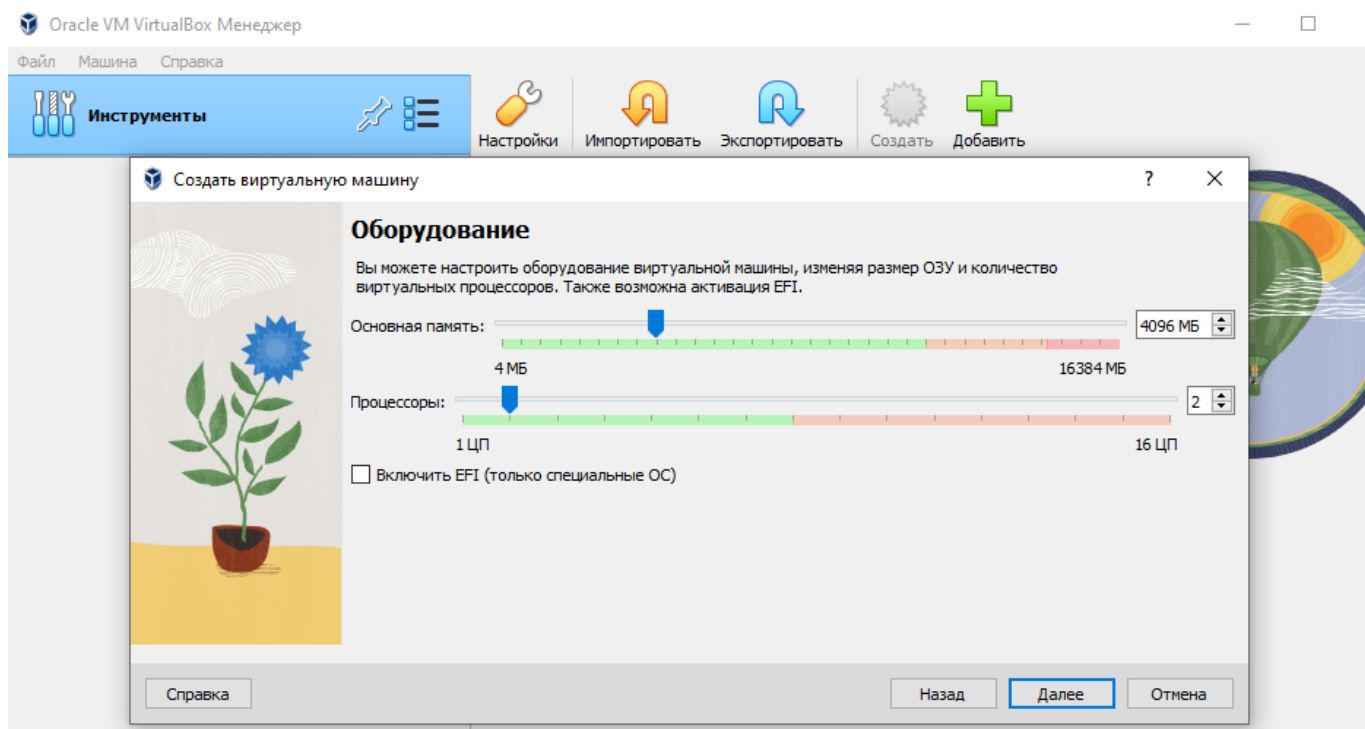
- Путь



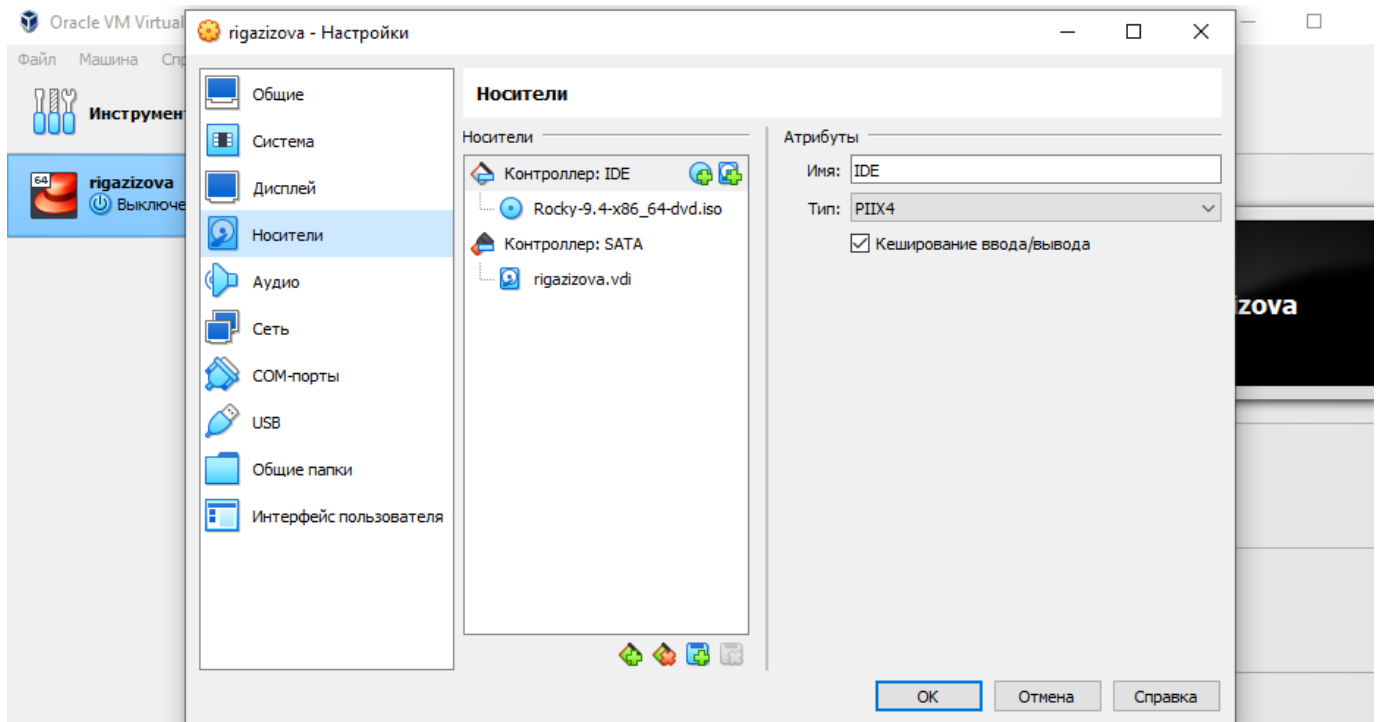
- Имя машины



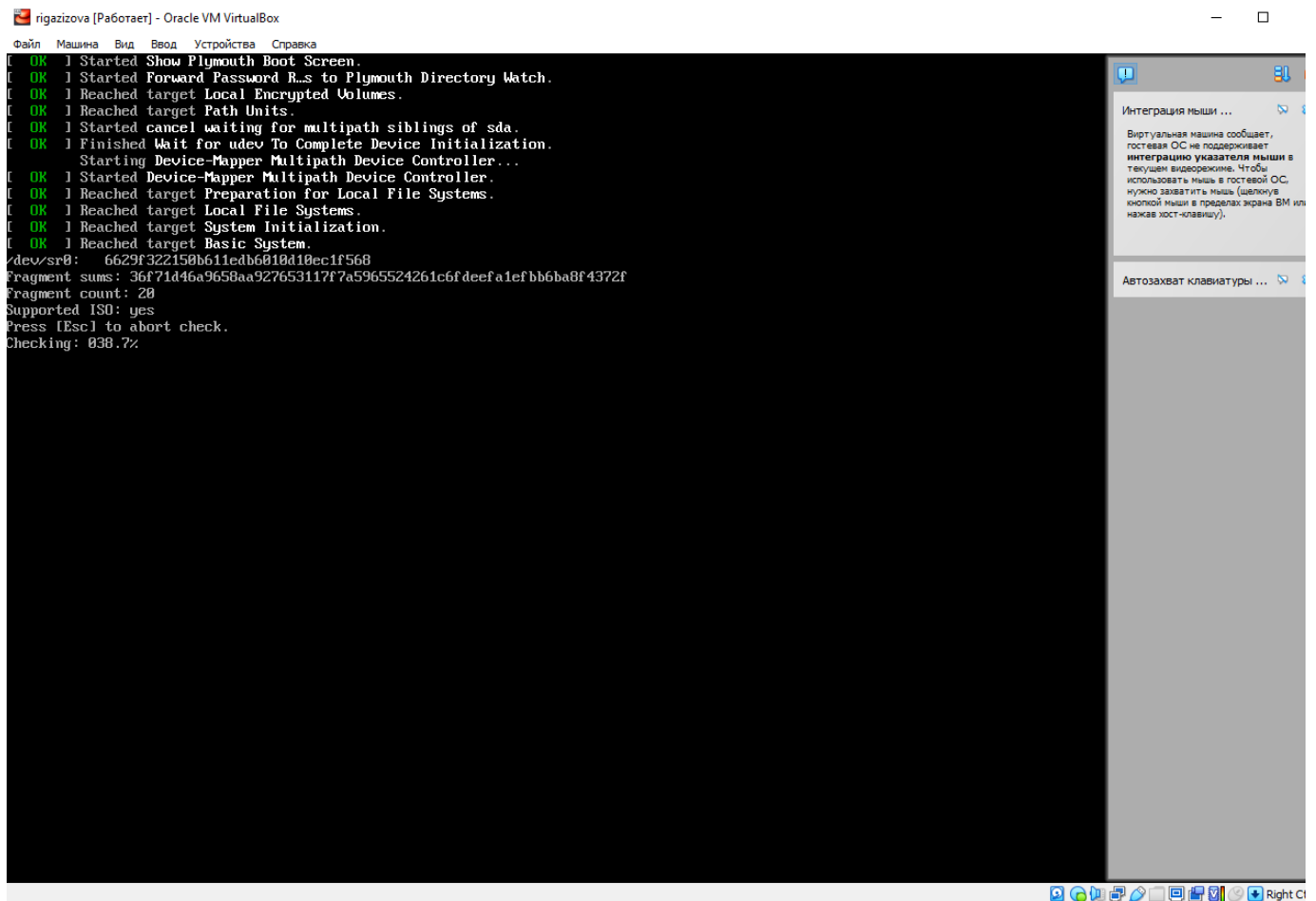
- Характеристики



- Подключаем образ

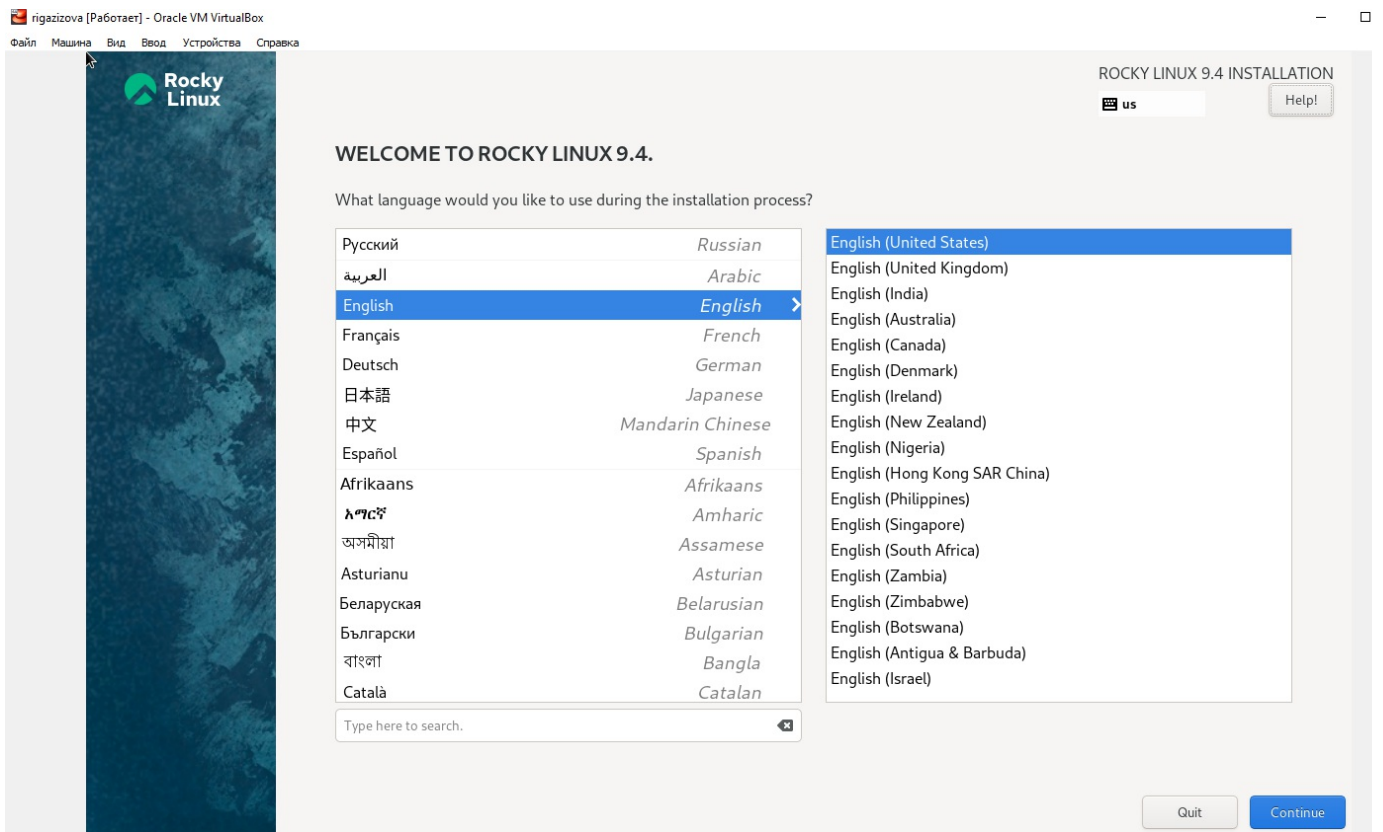


- Устанавливаем

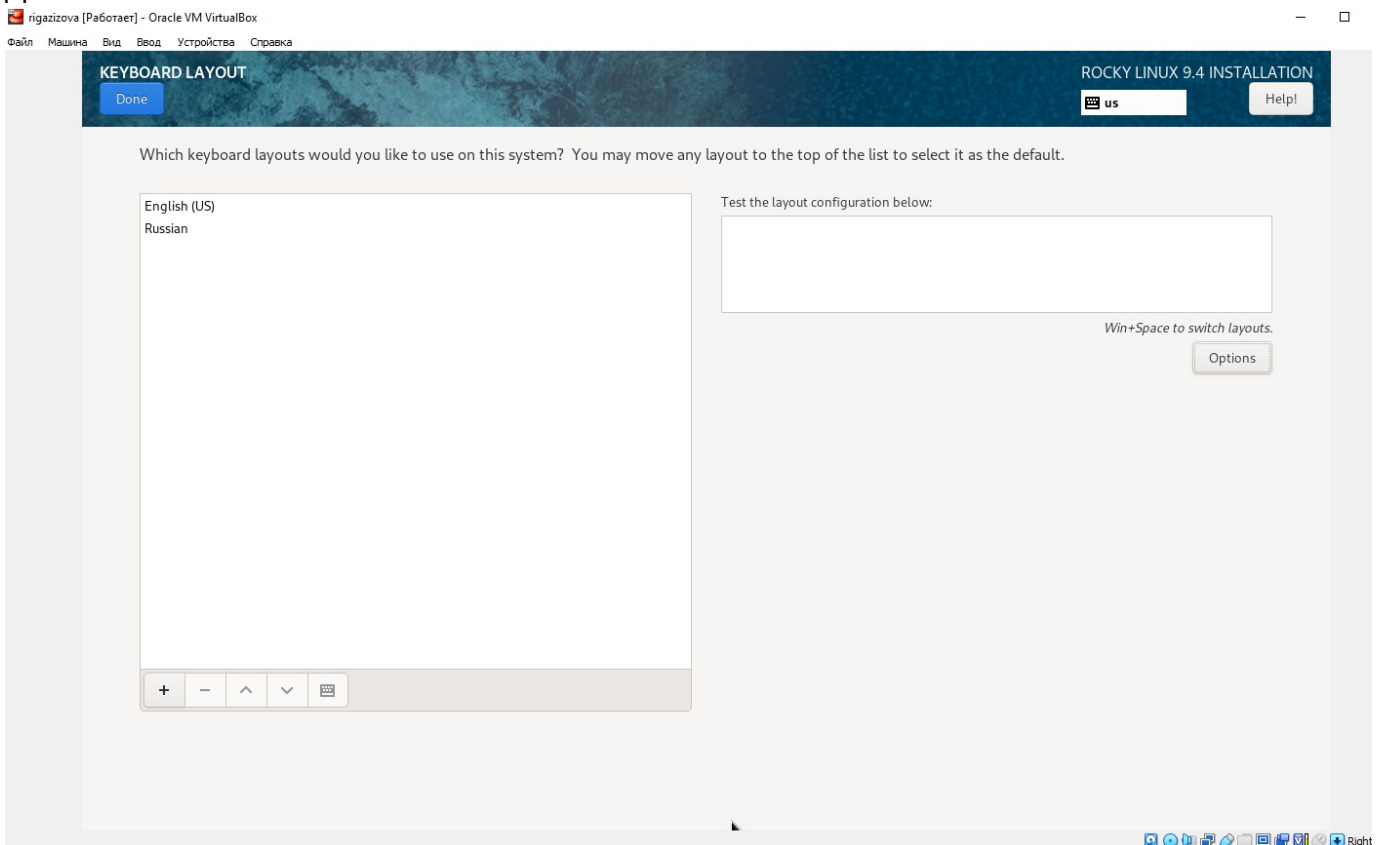


Настройки

- Основной язык



- **Дополнительный**



- **Базовое окружение и дополнение**

SOFTWARE SELECTION

Done

us

Help!

ROCKY LINUX 9.4 INSTALLATION

Base Environment

☒ **Server with GUI**
An integrated, easy-to-manage server with a graphical interface.
 ☐ **Server**
An integrated, easy-to-manage server.
 ☐ **Minimal Install**
Basic functionality.
 ☐ **Workstation**
Workstation is a user-friendly desktop system for laptops and PCs.
 ☐ **Custom Operating System**
Basic building block for a custom Rocky Linux system.
 ☐ **Virtualization Host**
Minimal virtualization host.

Additional software for Selected Environment

☐ **Virtualization Client**
Clients for installing and managing virtualization instances.
 ☐ **Virtualization Hypervisor**
Smallest possible virtualization host installation.
 ☐ **Virtualization Tools**
Tools for offline virtual image management.
 ☐ **Basic Web Server**
These tools allow you to run a Web server on the system.
 ☐ **Legacy UNIX Compatibility**
Compatibility programs for migration from or working with legacy UNIX environments.
 ☐ **Console Internet Tools**
Console internet access tools, often used by administrators.
 ☐ **Container Management**
Tools for managing Linux containers
 ☒ **Development Tools**
A basic development environment.
 ☐ **.NET Development**
Tools to develop and/or run .NET applications
 ☐ **Graphical Administration Tools**
Graphical system administration tools for managing many aspects of a system.
 ☐ **Headless Management**
Tools for managing the system without an attached graphical console.
 ☐ **RPM Development Tools**
Tools used for building RPMs, such as rpmbuild.
 ☐ **Scientific Support**
Tools for mathematical and scientific computations, and parallel computing.
 ☐ **Security Tools**
Security tools for integrity and trust verification.
 ☐ **Smart Card Support**
Support for using smart card authentication.
 ☐ **System Tools**
This group is a collection of various tools for the system, such as the client for connecting to SMB shares and tools to monitor network traffic.

Сетевое подключение

NETWORK & HOST NAME

Done

us

Help!

ROCKY LINUX 9.4 INSTALLATION

Ethernet (enp0s3)

Intel Corporation 82540EM Gigabit Ethernet Controller (PRO/1000 MT Desktop Adapter)

Ethernet (enp0s3)

Connected

Hardware Address 08:00:27:90:A0:E6

Speed 1000 Mb/s

IP Address 10.0.2.15/24

Default Route 10.0.2.2

DNS 192.168.1.1

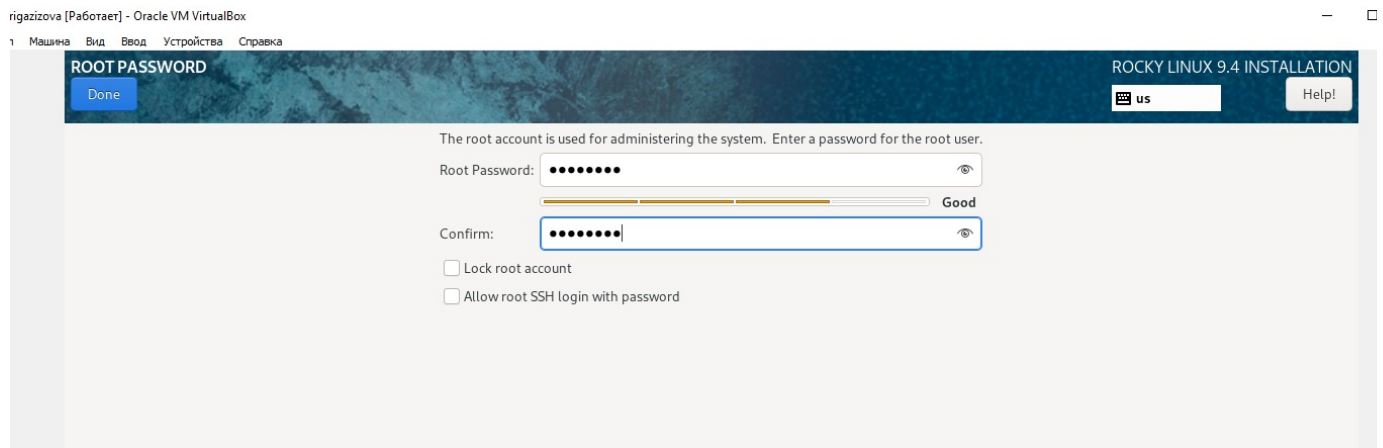
Configure...

Host Name: regazizova

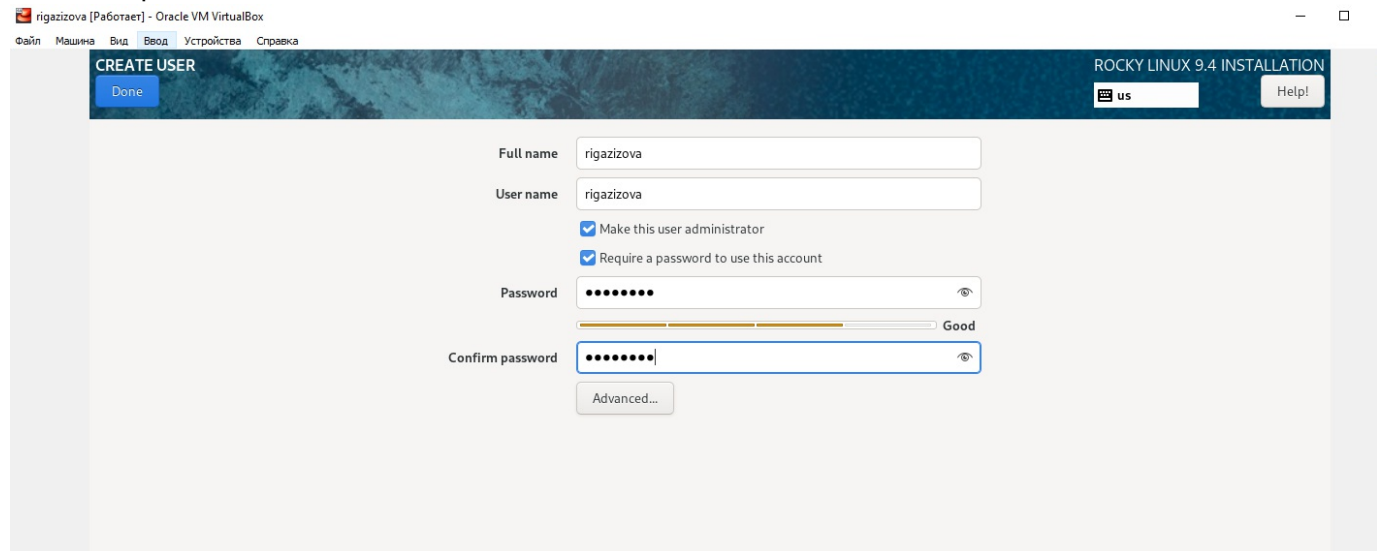
Apply

Current host name: regazizova

Пароль для администратора

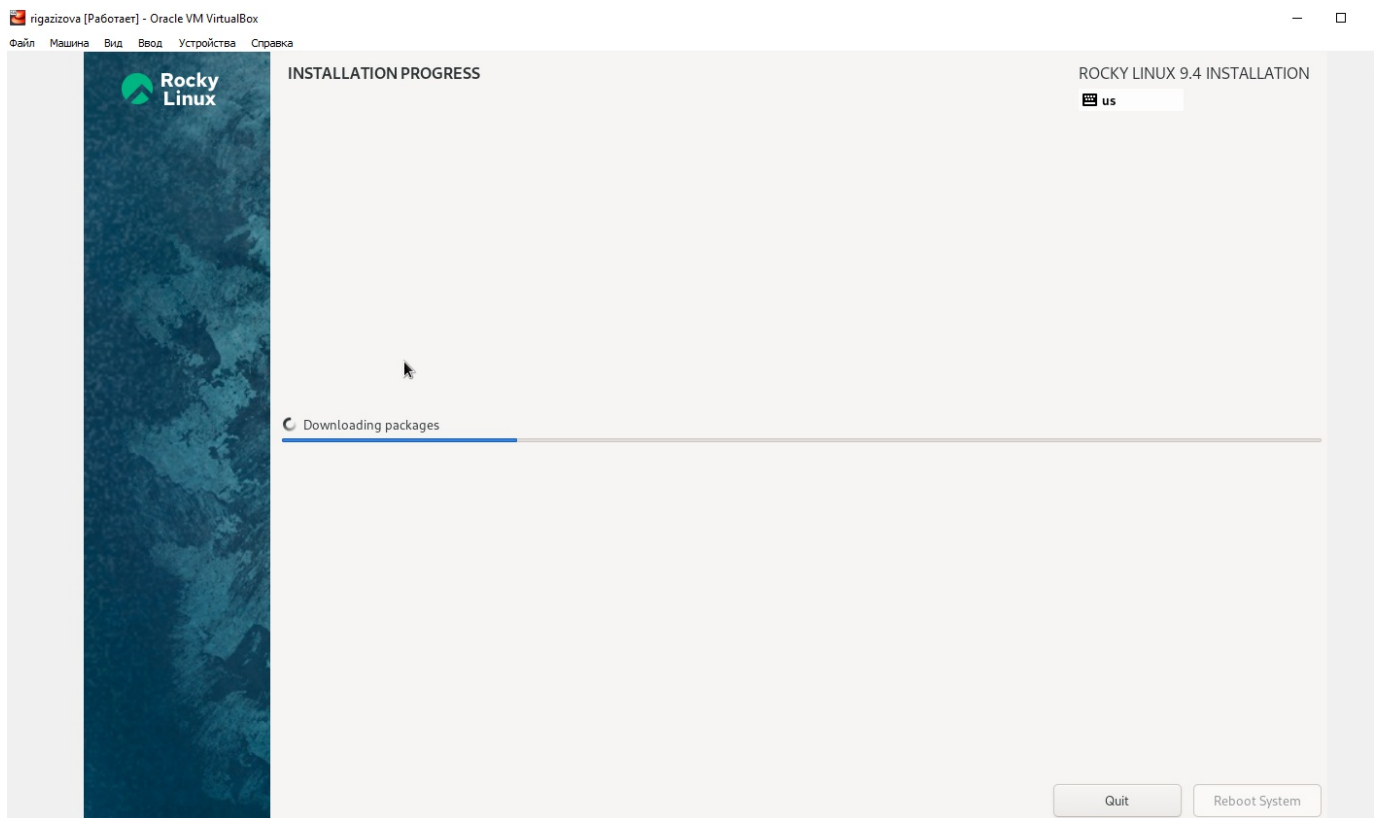


- Имя и пароль пользователя

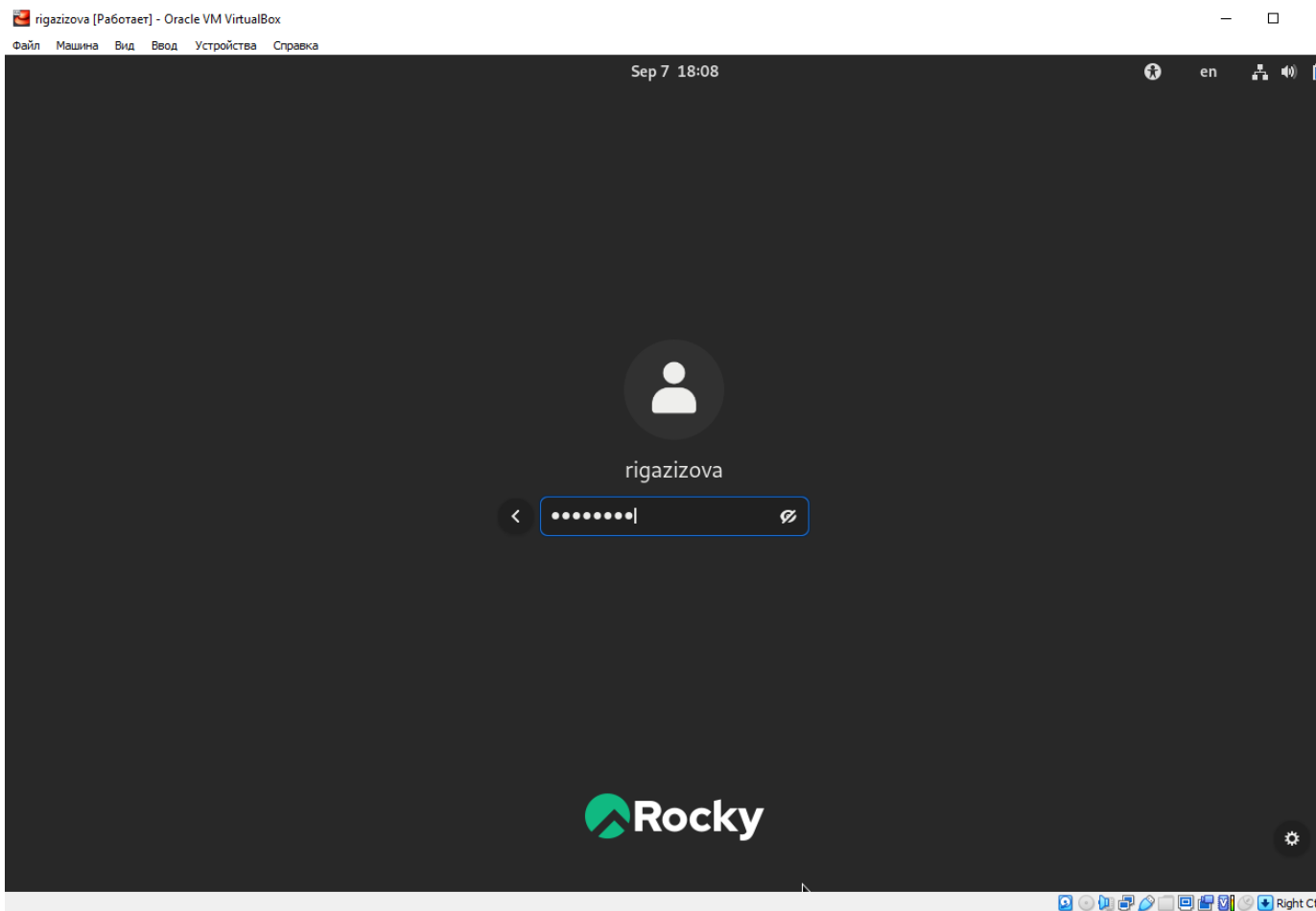


Завершение

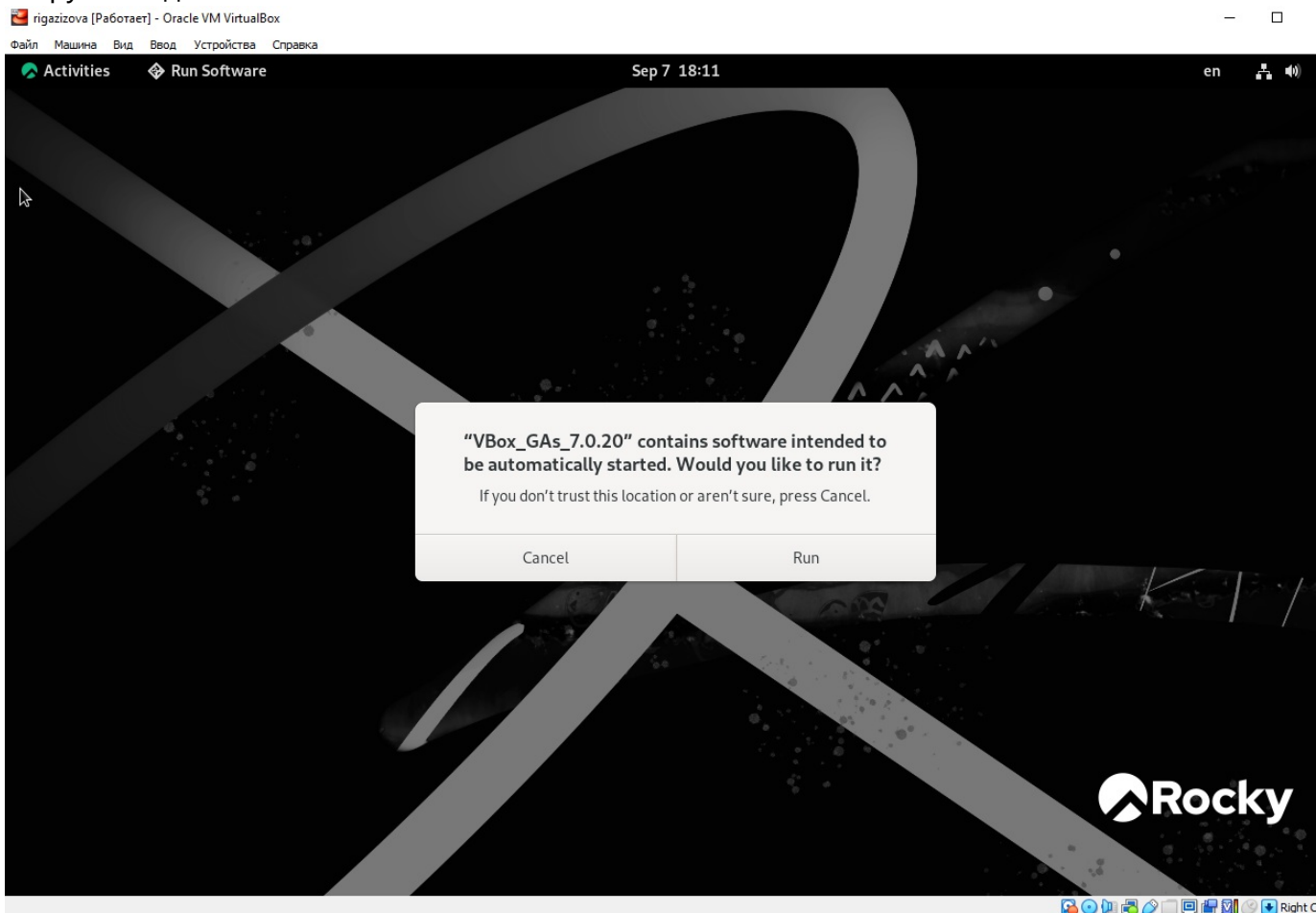
- Завершаем установку

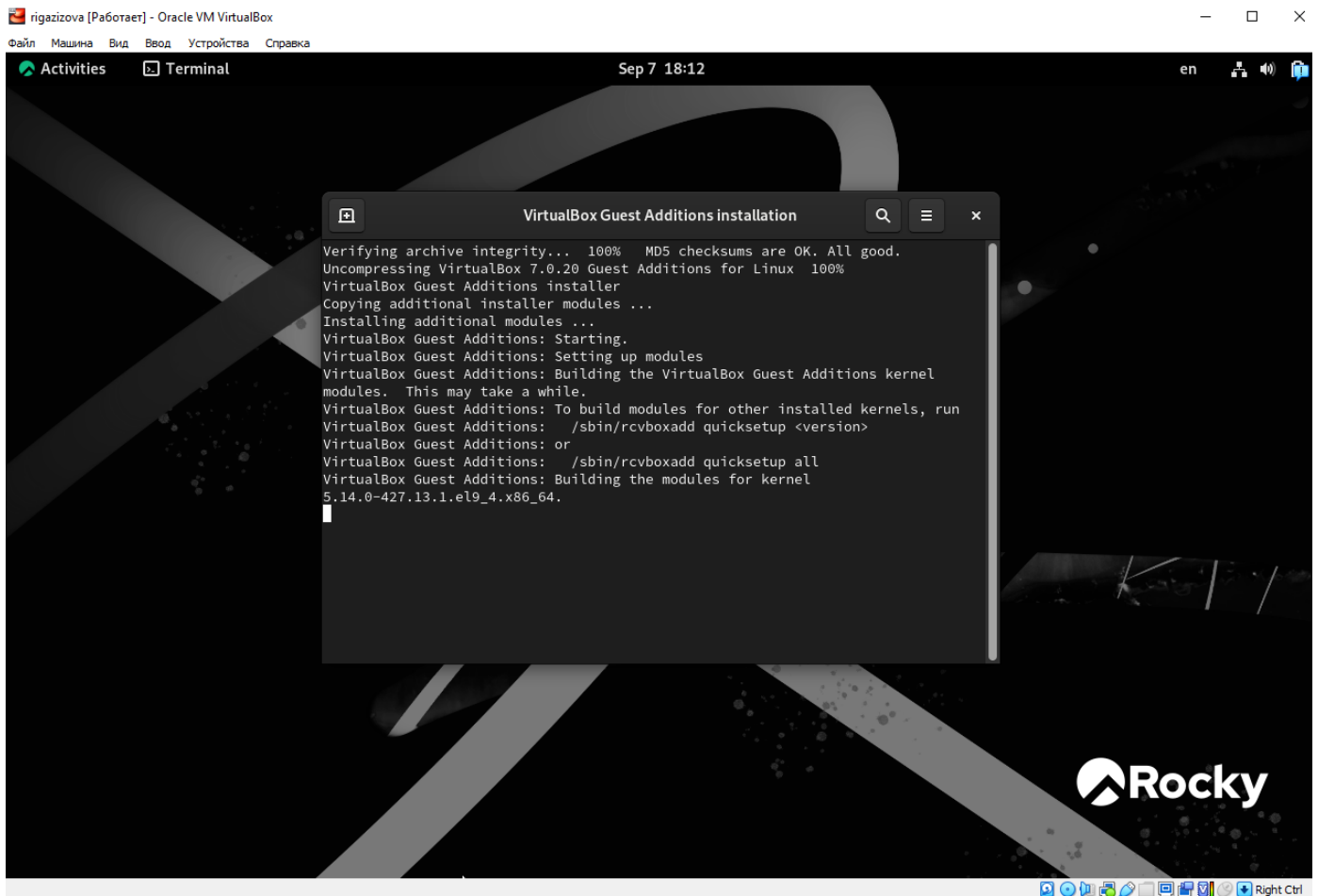


- Входим с учетной записью



- Загружаем дополнения





-перезагружаем

```
rigazizova@regazizova:~ — less
[ 0.000000] Linux version 5.14.0-427.13.1.el9_4.x86_64 (mockbuild@iad1-prod-build001.bld.equ.rockylinux.org) (gcc (GCC) 11.4.1 20231218 (Red Hat 11.4.1-3), GNU ld version 2.35.2-43.el9) #1 SMP PREEMPT_DYNAMIC Wed May 1 19:11:28 UTC 2024
[ 0.000000] The list of certified hardware and cloud instances for Enterprise Linux 9 can be viewed at the Red Hat Ecosystem Catalog, https://catalog.redhat.com.
[ 0.000000] Command line: BOOT_IMAGE=(hd0,msdos1)/vmlinuz-5.14.0-427.13.1.el9_4.x86_64 root=/dev/mapper/rl-root ro resume=/dev/mapper/rl-swap rd.lvm.lv=rl/root rd.lvm.lv=rl/swap rhgb quiet
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x001: 'x87 floating point registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x002: 'SSE registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x004: 'AVX registers'
[ 0.000000] x86/fpu: xstate_offset[2]: 576, xstate_sizes[2]: 256
[ 0.000000] x86/fpu: Enabled xstate features 0x7, context size is 832 bytes, using 'standard' format.
[ 0.000000] signal: max sigframe size: 1776
[ 0.000000] BIOS-provided physical RAM map:
[ 0.000000] BIOS-e820: [mem 0x0000000000000000-0x00000000000009fbff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000009fc00-0x00000000000009ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000000f0000-0x0000000000000fffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000100000-0x000000000000dfffff] usable
[ 0.000000] BIOS-e820: [mem 0x0000000000dfff0000-0x0000000000dfffffff] ACPI data
[ 0.000000] BIOS-e820: [mem 0x00000000fec00000-0x00000000fec00fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000fee00000-0x00000000fee00fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000fffc0000-0x00000000ffffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000100000000-0x000000011fffffff] usable
[ 0.000000] NX (Execute Disable) protection: active
[ 0.000000] SMBIOS 2.5 present.
[ 0.000000] DMI: innotek GmbH VirtualBox/VirtualBox, BIOS VirtualBox 12/01/2006
[ 0.000000] Hypervisor detected: KVM
[ 0.000000] kvm-clock: Using msrc 4b564d01 and 4b564d00
[ 0.000001] kvm-clock: using sched offset of 4616425970 cycles
[ 0.000003] clocksource: kvm-clock: mask: 0xffffffffffffffff max_cycles: 0x1cd42e4dffb, max_idle_ns: 881590591483 ns
[ 0.000006] tsc: Detected 2496.004 MHz processor
[ 0.000575] e820: update [mem 0x00000000-0x00000fff] usable ==> reserved
[ 0.000577] e820: remove [mem 0x000a0000-0x000fffff] usable
[ 0.000581] last_pfn = 0x120000 max_arch_pfn = 0x400000000
[ 0.000586] MTRRs disabled by BIOS
[ 0.000588] x86/PAT: Configuration [0-7]: WB WC UC- UC WB WP UC- WT
[ 0.000606] last_pfn = 0xdfff0 max_arch_pfn = 0x400000000
[ 0.000649] found SMP MP-table at [mem 0x0009fff0-0x0009ffff]
[ 0.000661] Incomplete global flushes, disabling PCID
[ 0.000738] RAMDISK: [mem 0x313f0000-0x349effff]
```