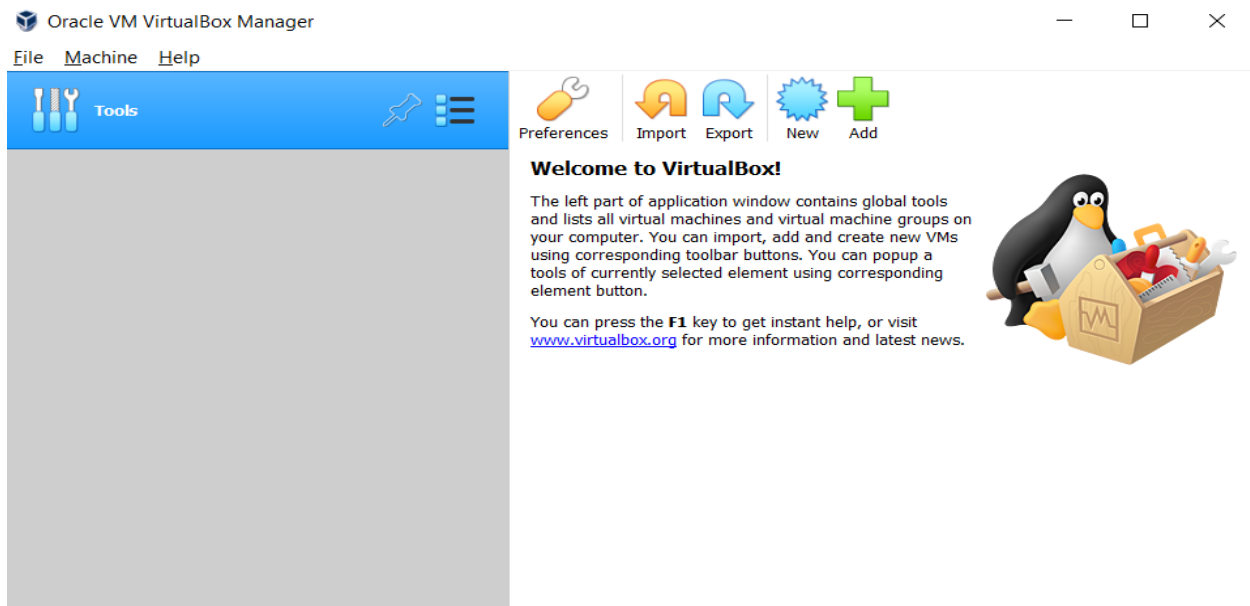


Instalando o CentOS 7 - Minimum Edition

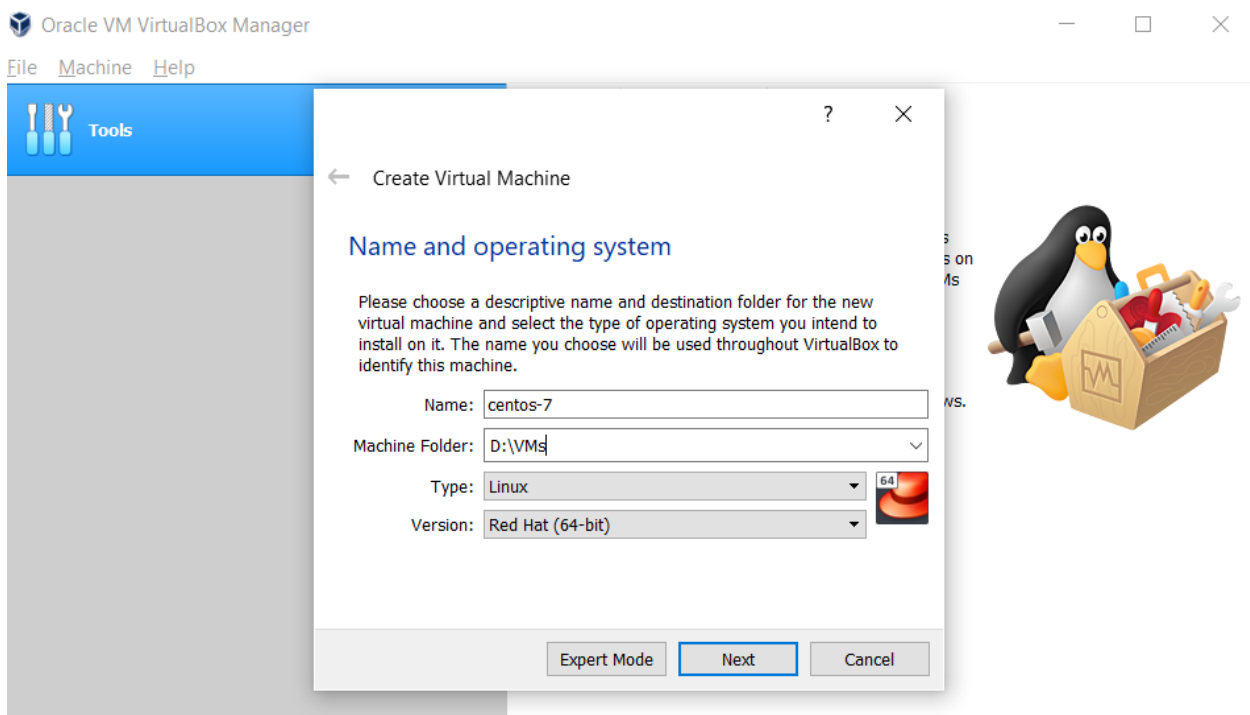
1 - Baixe o arquivo http://mirror.ufscar.br/centos/7.9.2009/isos/x86_64/CentOS-7-x86_64-Minimal-2009.iso

2 - Instalando o CentOS 7:

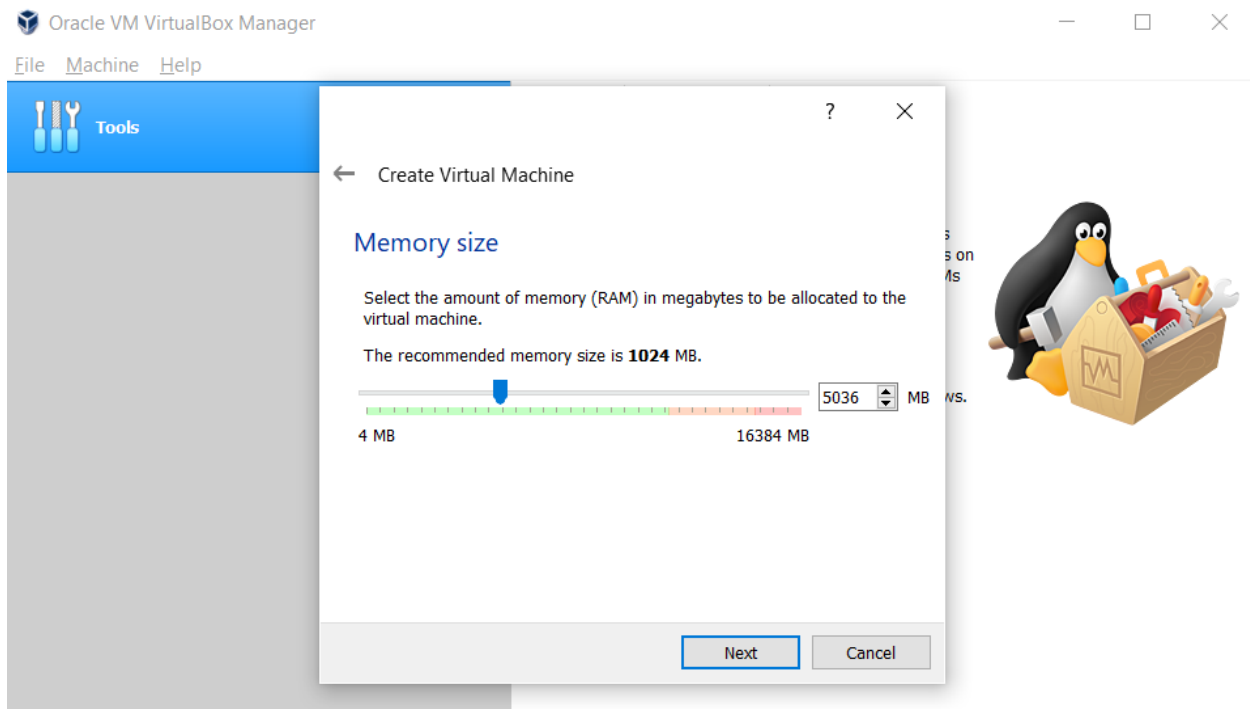
Abra o Virtualbox e clique em **New**



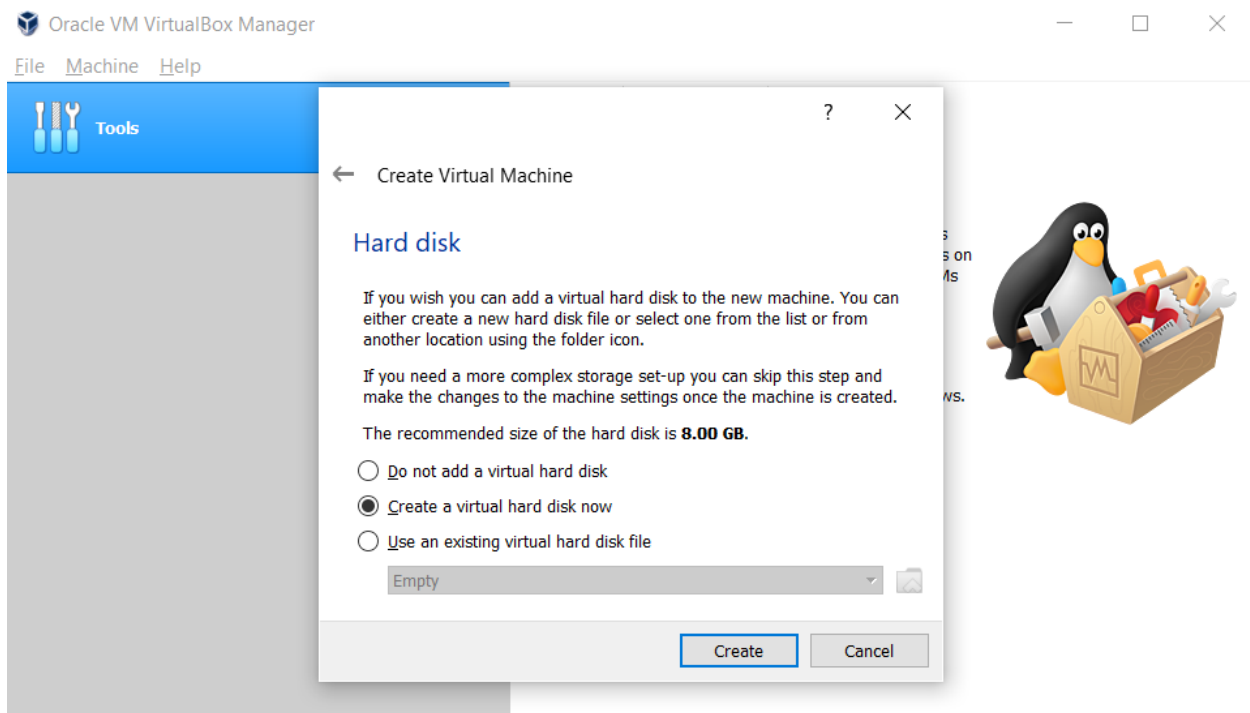
Preencha as informações de Name e Machine Folder e depois clique em **Next**



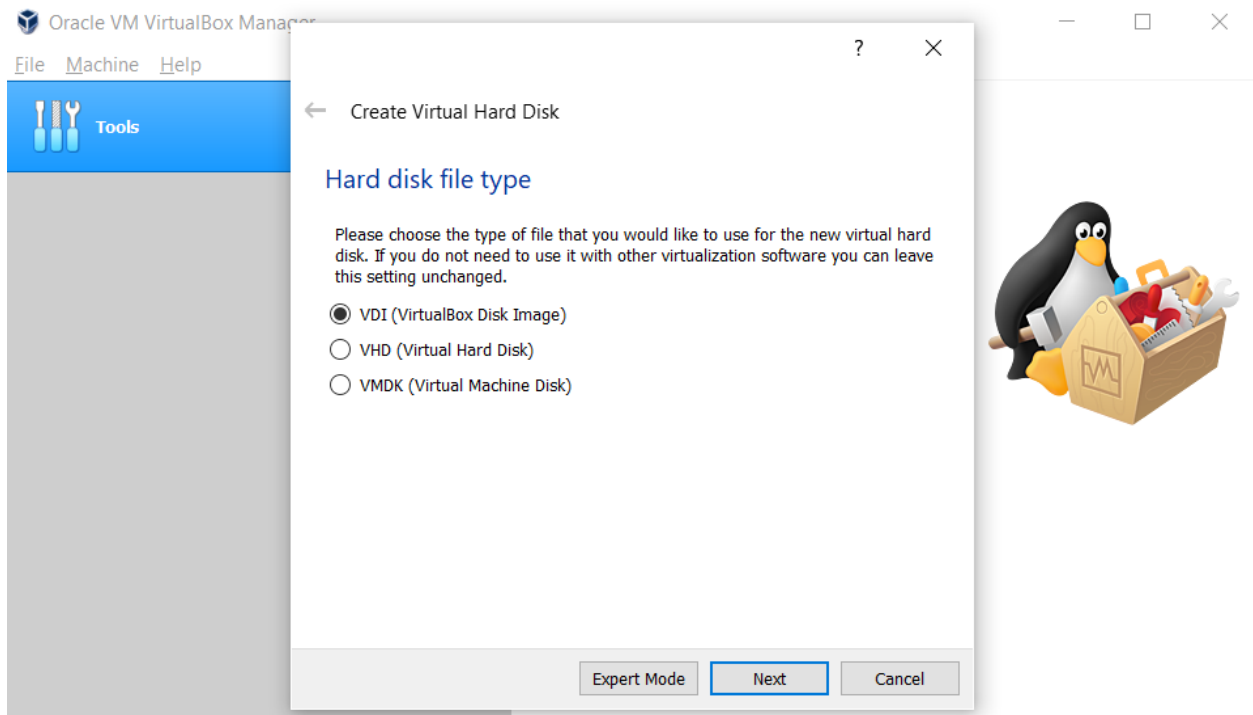
Na tela de Memory Size, reserve uma quantidade de memória para o CentOS e depois clique em **Next**



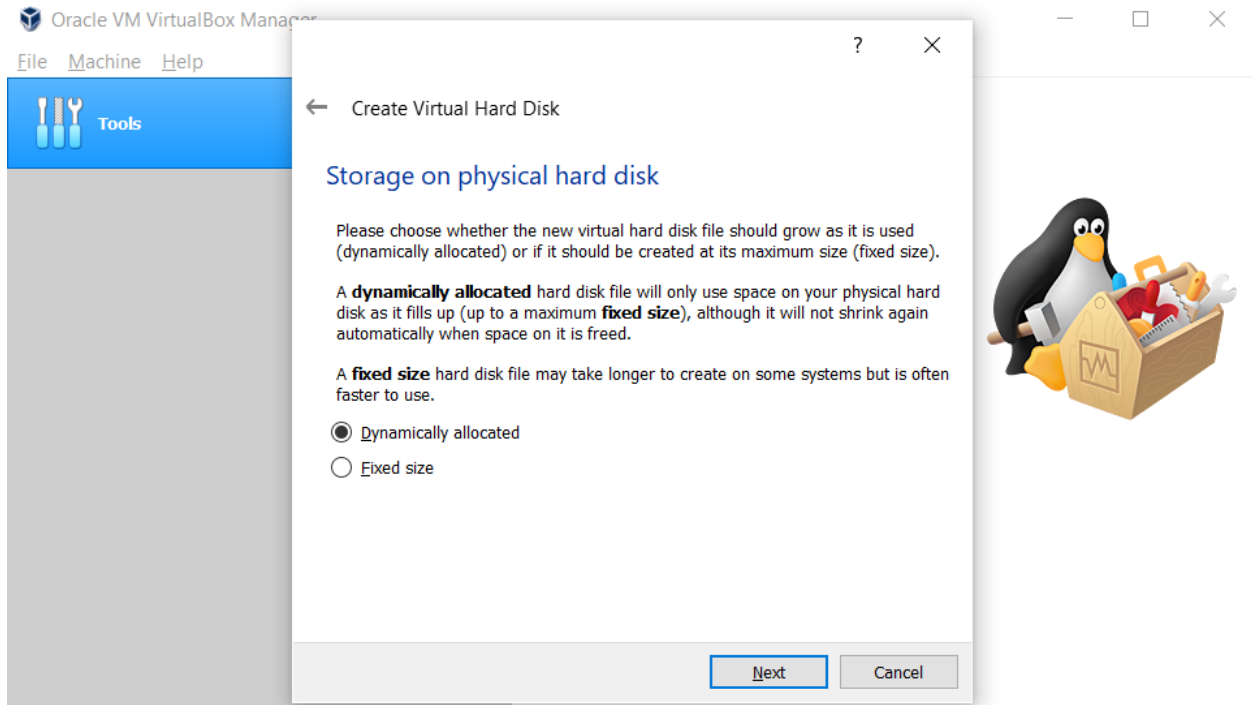
Na próxima tela (Create Virtual Machine) selecione **Create a virtual hard disk now** (ou a segunda opção) e clique em **Create**



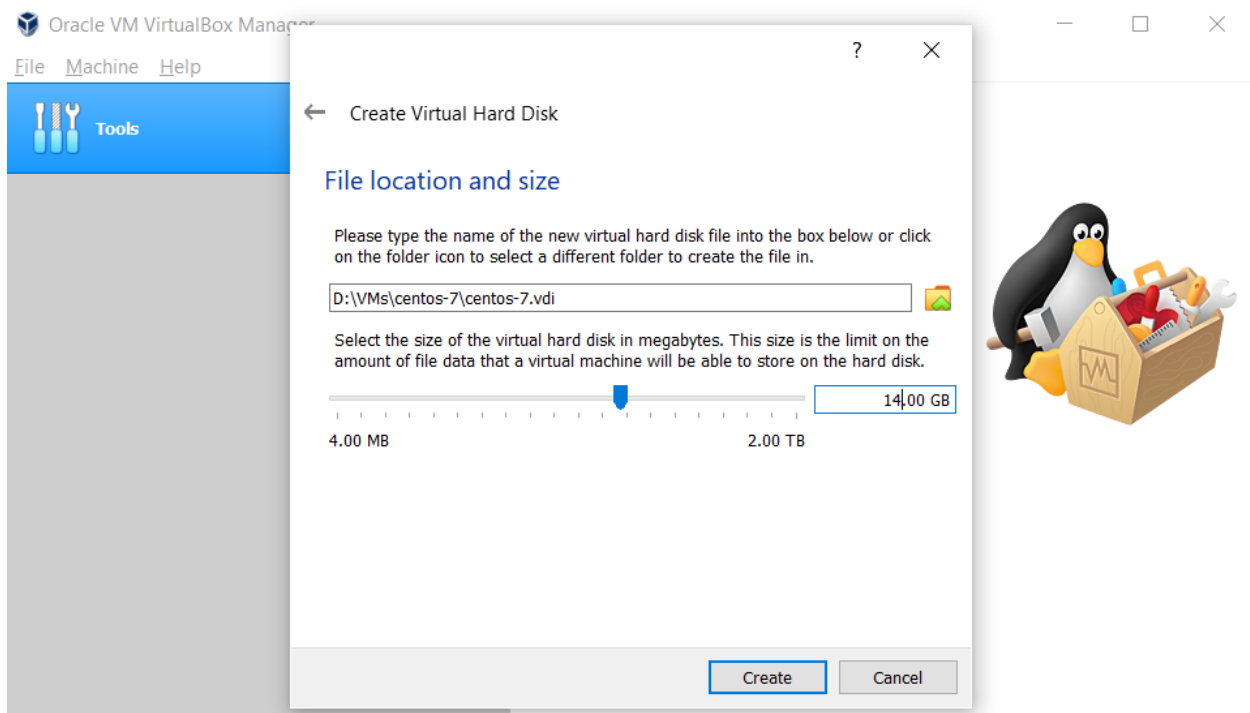
Na próxima tela selecione a primeira opção (VDI) e clique em **Next**



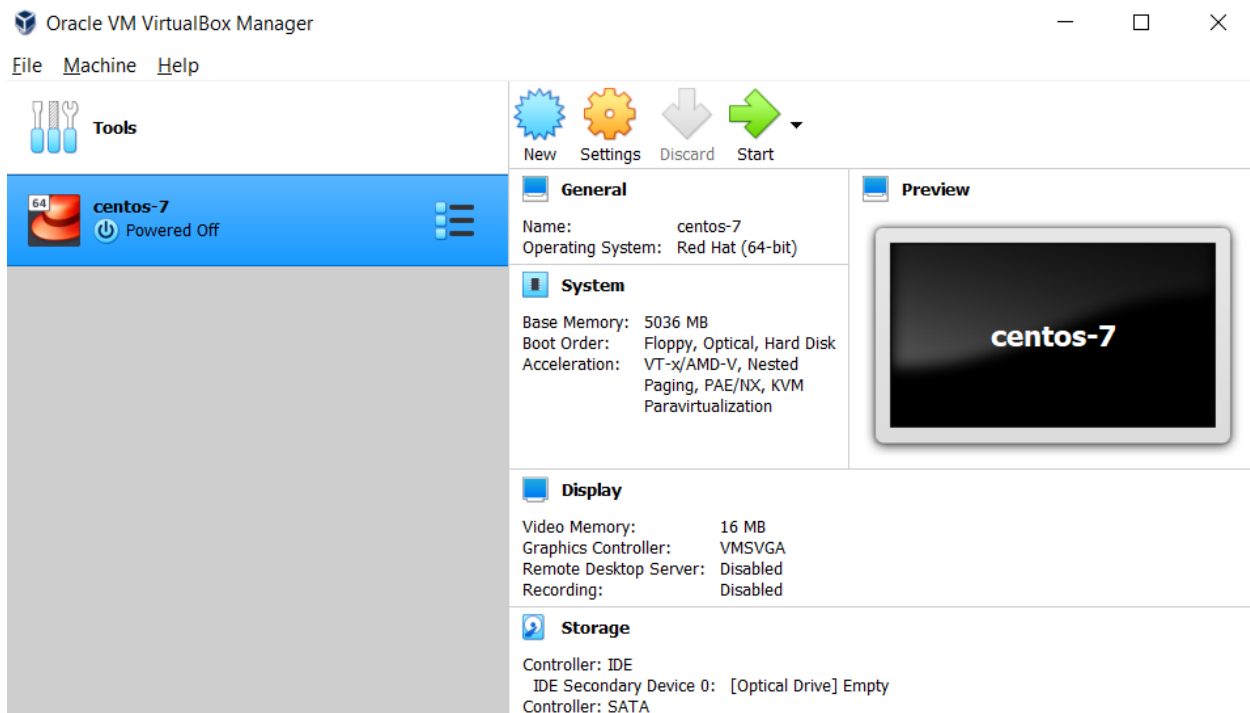
Na tela de **Storage on physical hard disk** selecione a primeira opção e clique em Next:



Reserve no mínimo **14 GB** para o CentOS 7 e clique em **Create**

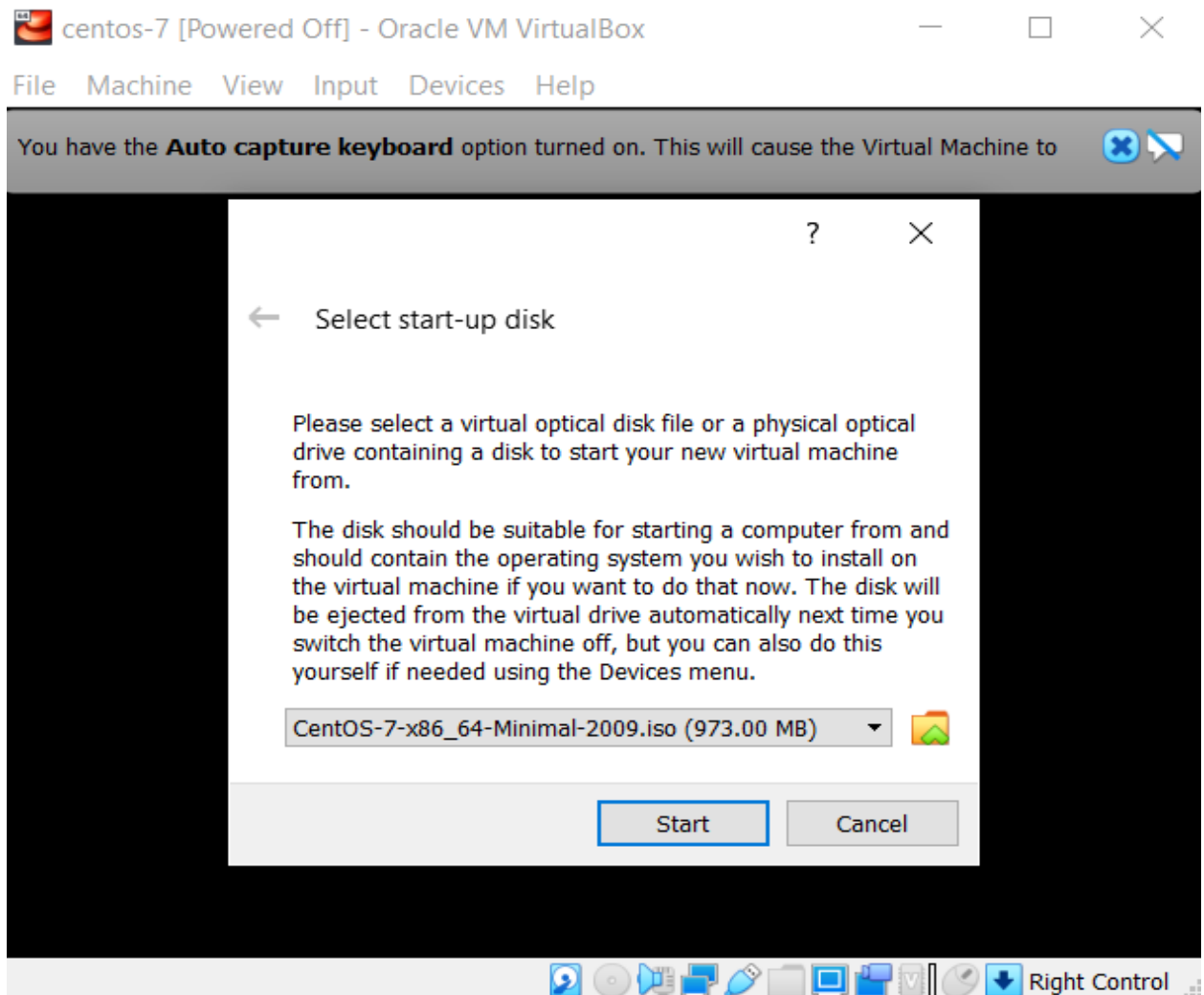


Depois disso a virtualização estará pronta

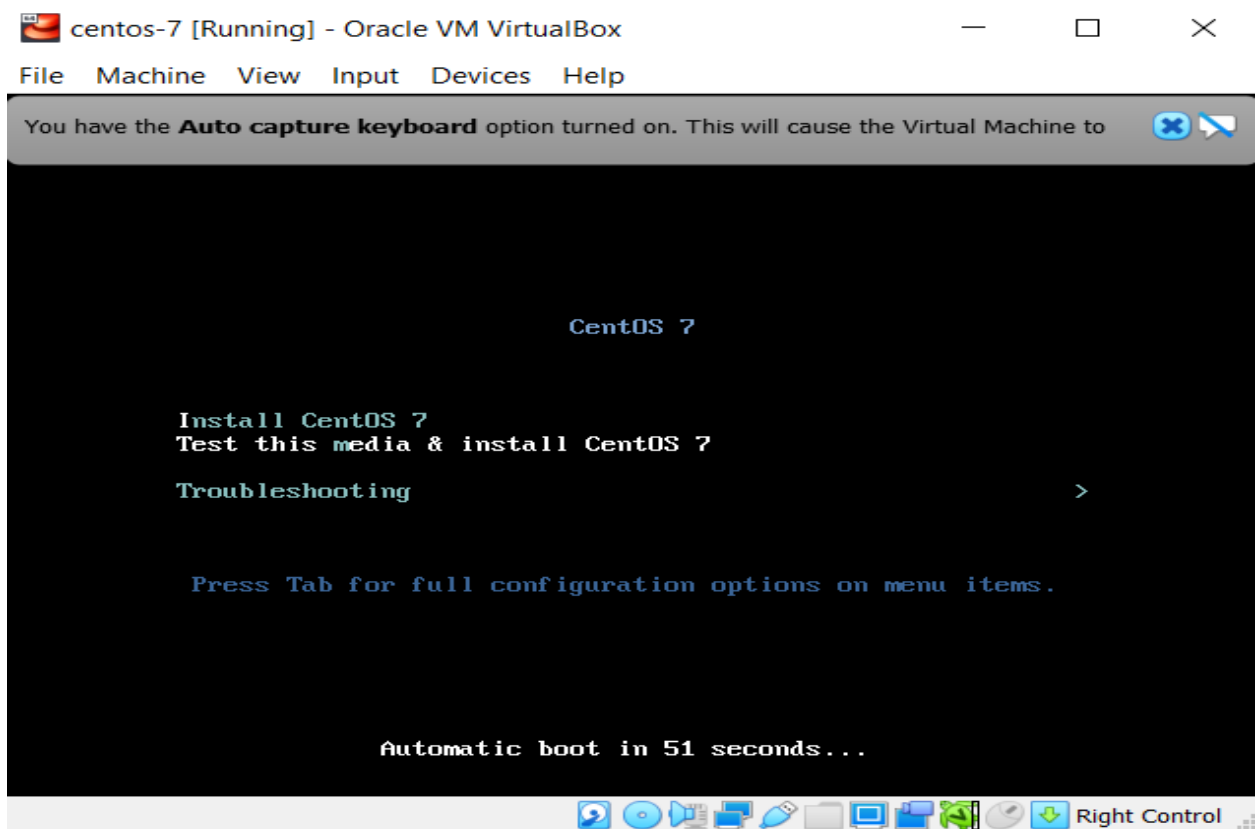


3 - Adicionando o CentOS 7

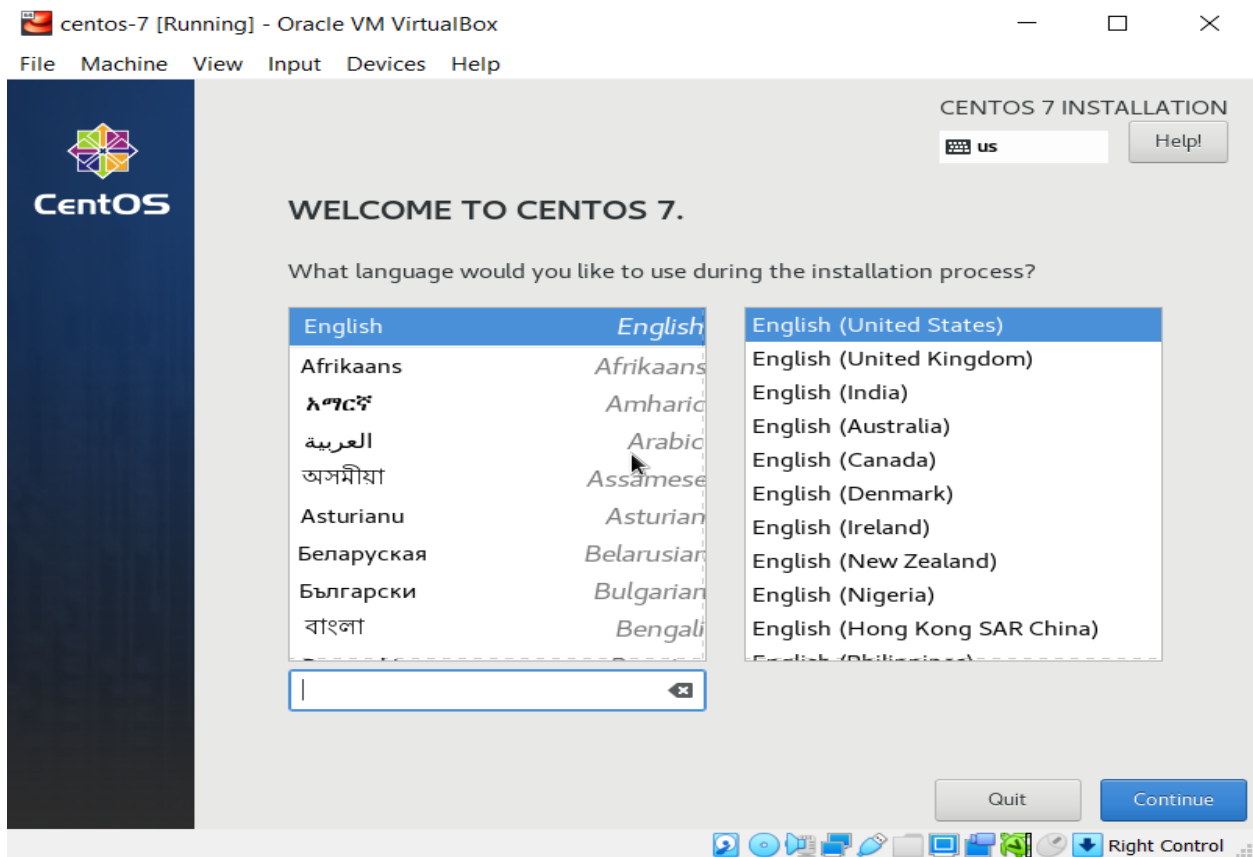
Clique 2x sobre a virtualização que criamos (centos-7) e selecione a imagem que baixamos no **passo 1** e clique em **Next**



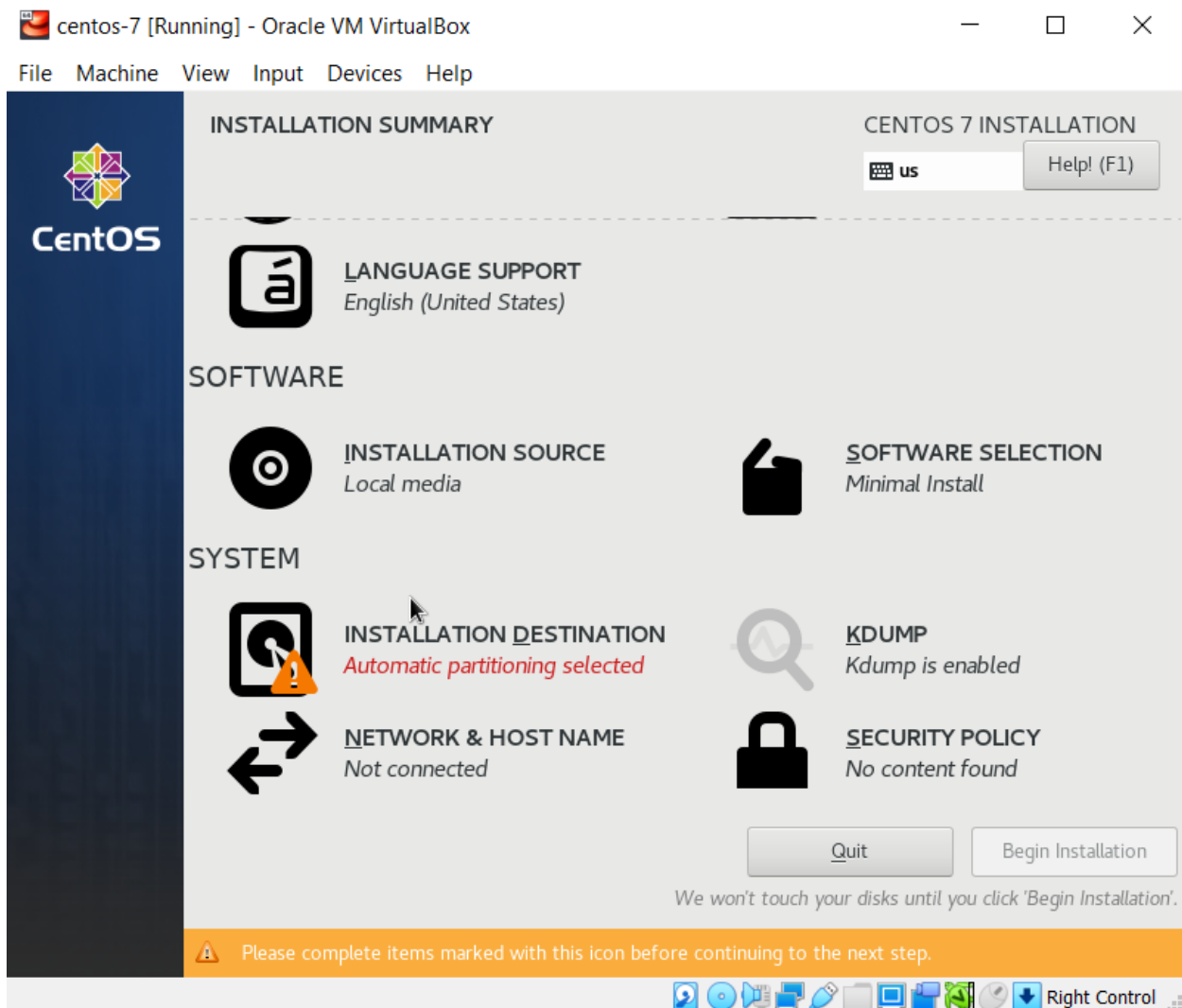
Selecione **Install CentOS 7**



Após alguns segundos a tela de idioma será exibida, mantenha a primeira opção (English) e clique em **Continue**



Na tela de instalação, de um scroll down para seleccionar as opções de **INSTALLATION DESTINATION** e **NETWORK & HOST NAME**



Na tela de **INSTALLATION DESTINATION** clique 2x sobre o disco que reservamos no **PASSO 2** e clique em **DONE** (botão no lado superior esquerdo)

INSTALLATION DESTINATION

Done

CENTOS 7 INSTALLATION

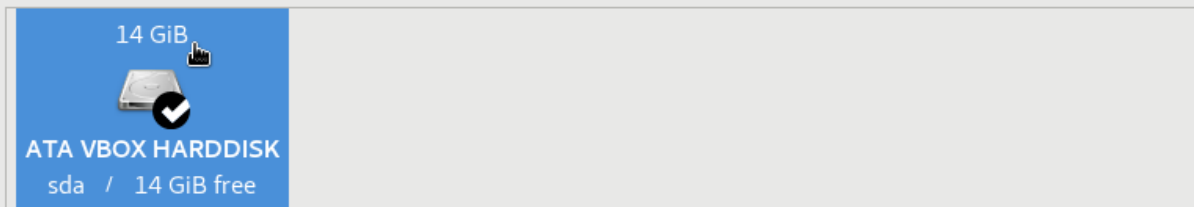
us

Help!

Device Selection

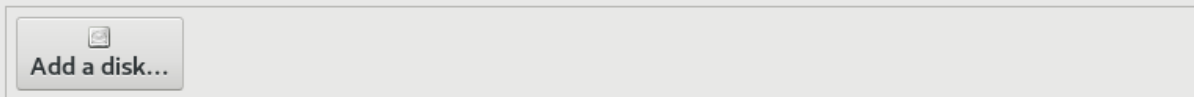
Select the device(s) you'd like to install to. They will be left untouched until you click on the main menu's "Begin Installation" button.

Local Standard Disks



Disks left unselected here will not be touched.

Specialized & Network Disks



Disks left unselected here will not be touched.

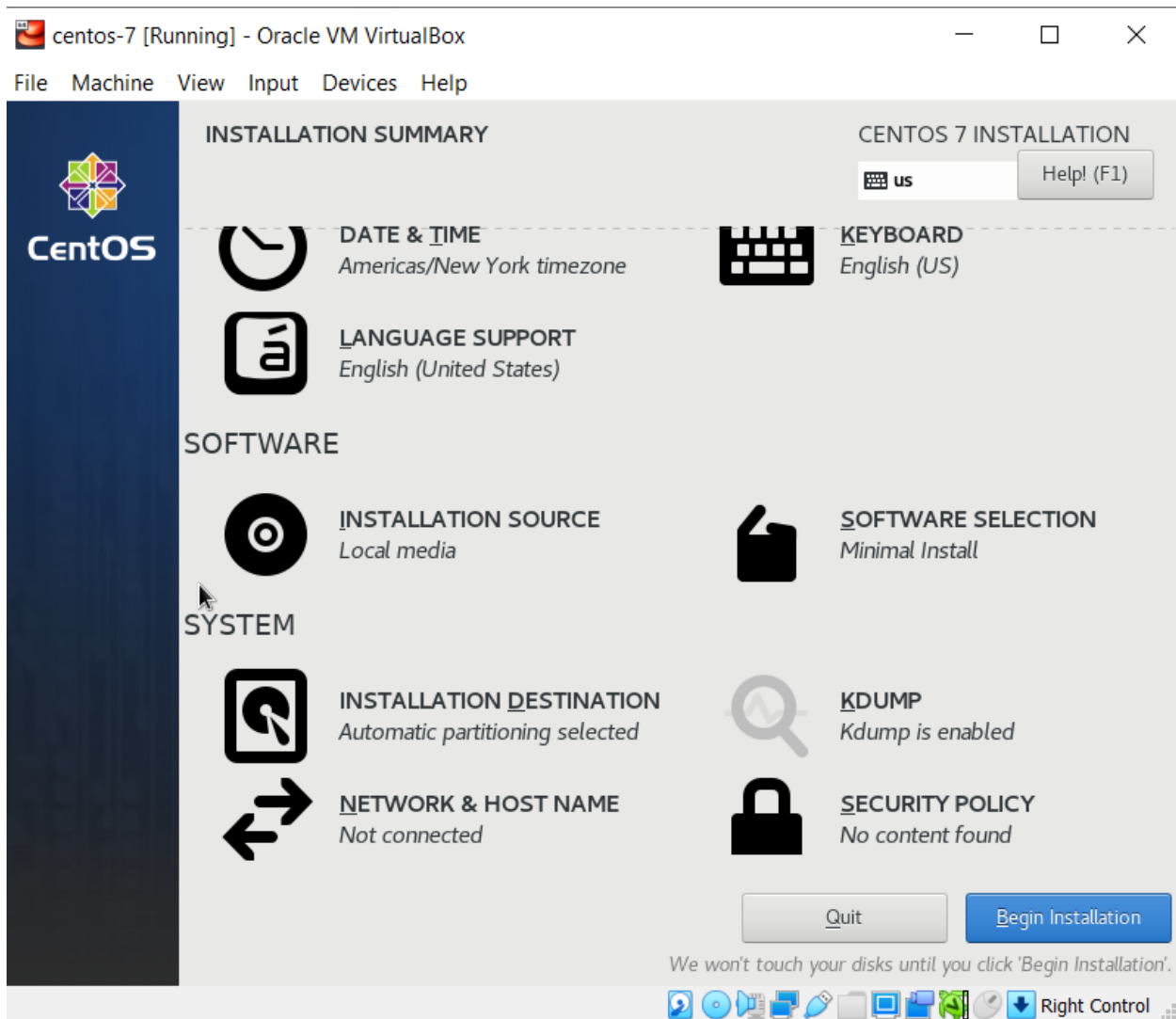
Other Storage Options

Partitioning

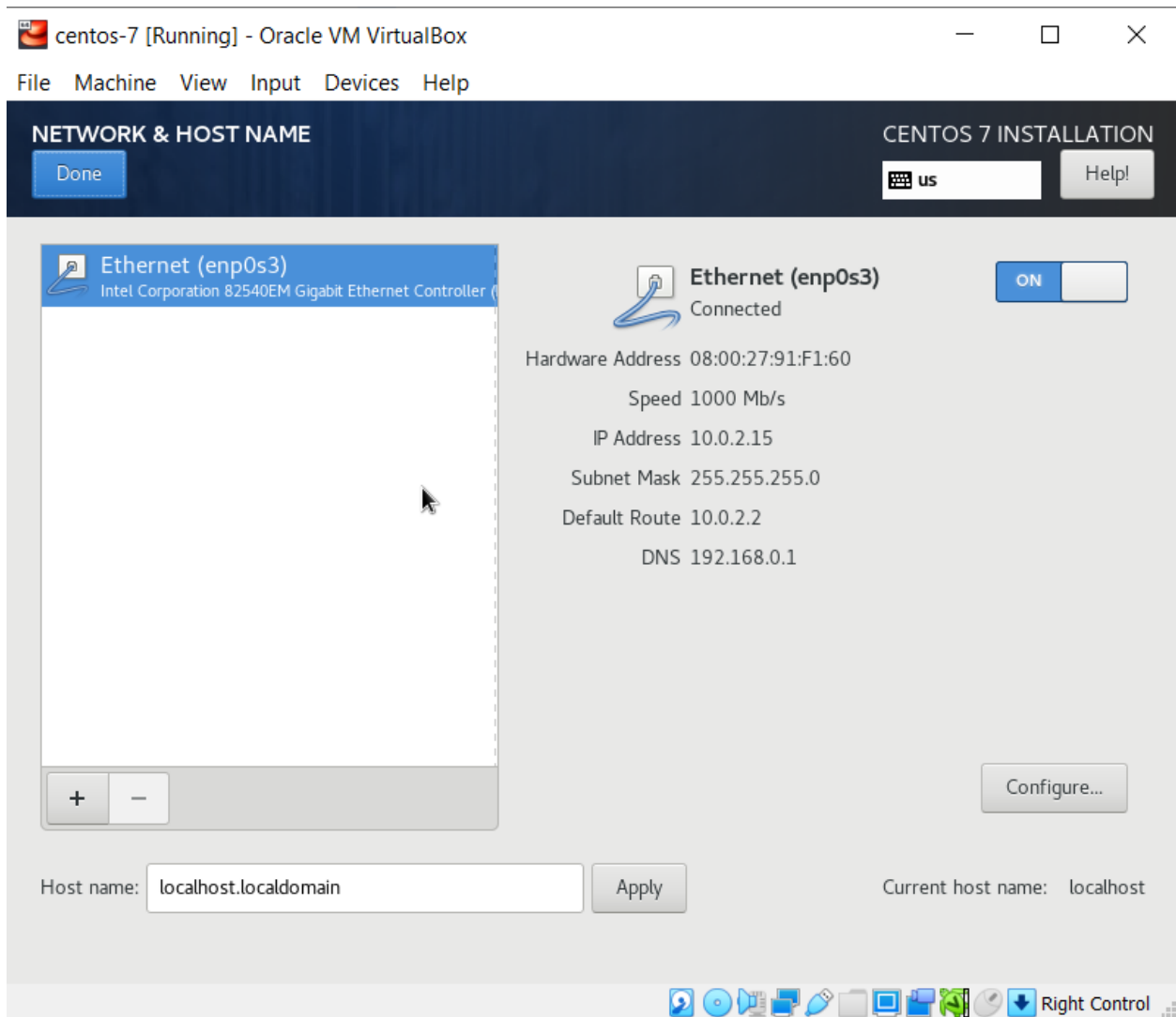
- ☒ Automatically configure partitioning. ☐ I will configure partitioning.
☐ I would like to make additional space available.

[Full disk summary and boot loader...](#)1 disk selected; 14 GiB capacity; 14 GiB free [Refresh...](#)

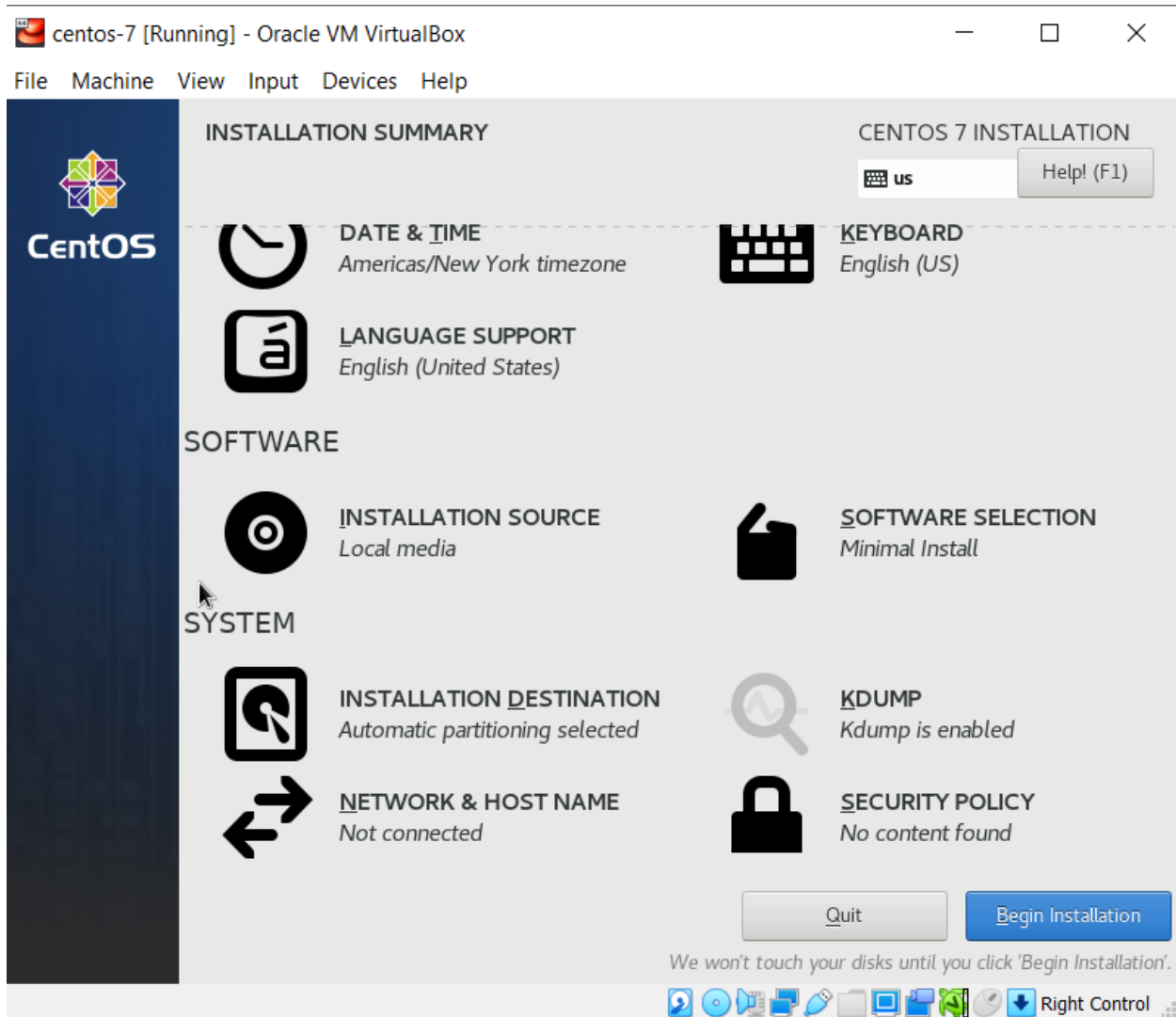
Na próxima tela clique em **NETWORK & HOST NAME**



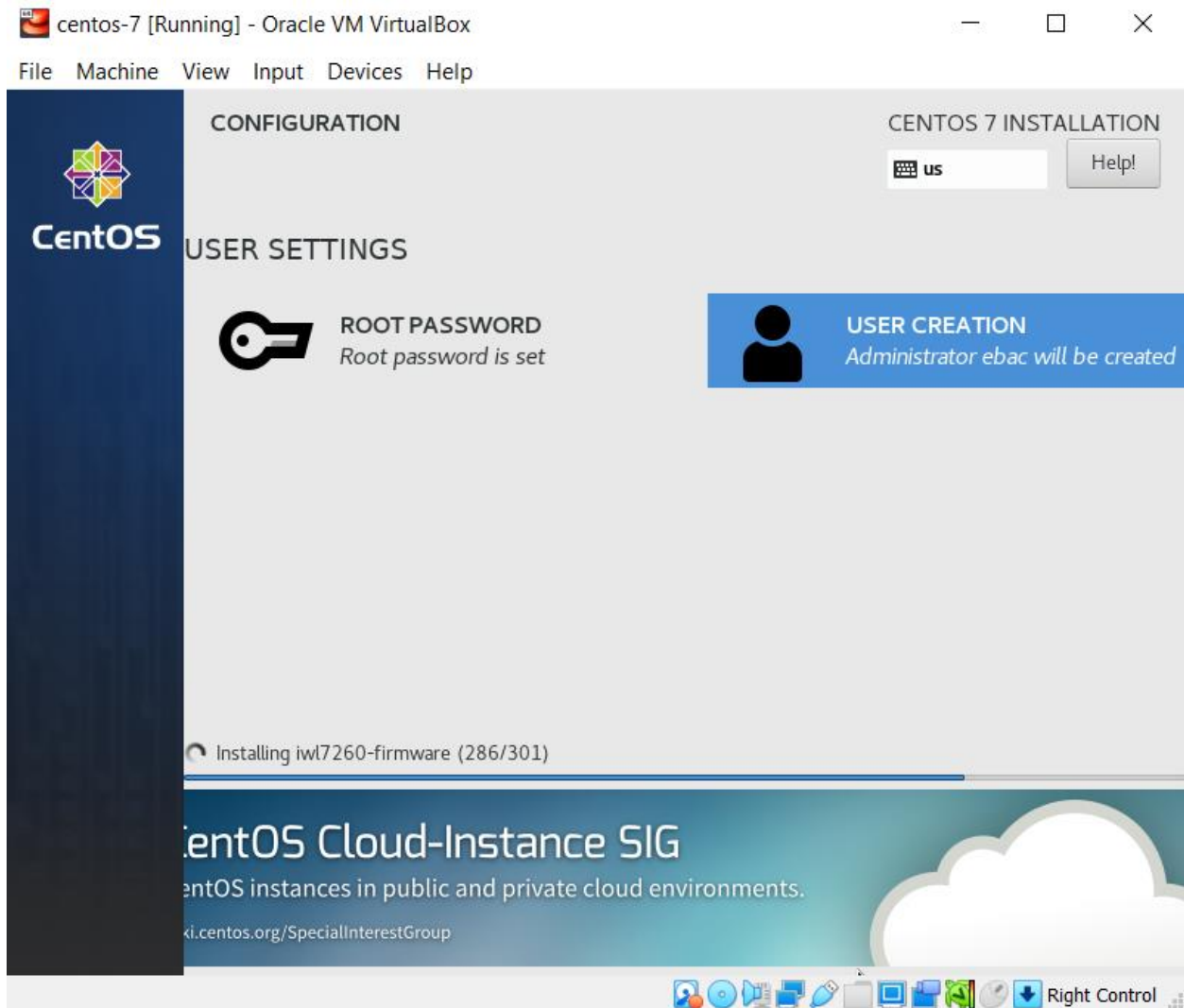
Na tela de **NETWORK & HOST NAME** habilite a opção de Ethernet (para **ON**) e clique em **DONE**



Agora finalize clicando em **Begin Installation**



Durante a instalação vamos criar um novo usuário, clique em **USER CREATION**



Preencha as informações necessárias, marque a opção **Make this user administrator** e clique em **DONE**

centos-7 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

CREATE USER

CENTOS 7 INSTALLATION

Done us Help!

Full name

User name

Tip: Keep your user name shorter than 32 characters and do not use spaces.

☒ Make this user administrator


☒ Require a password to use this account


Password

Too short

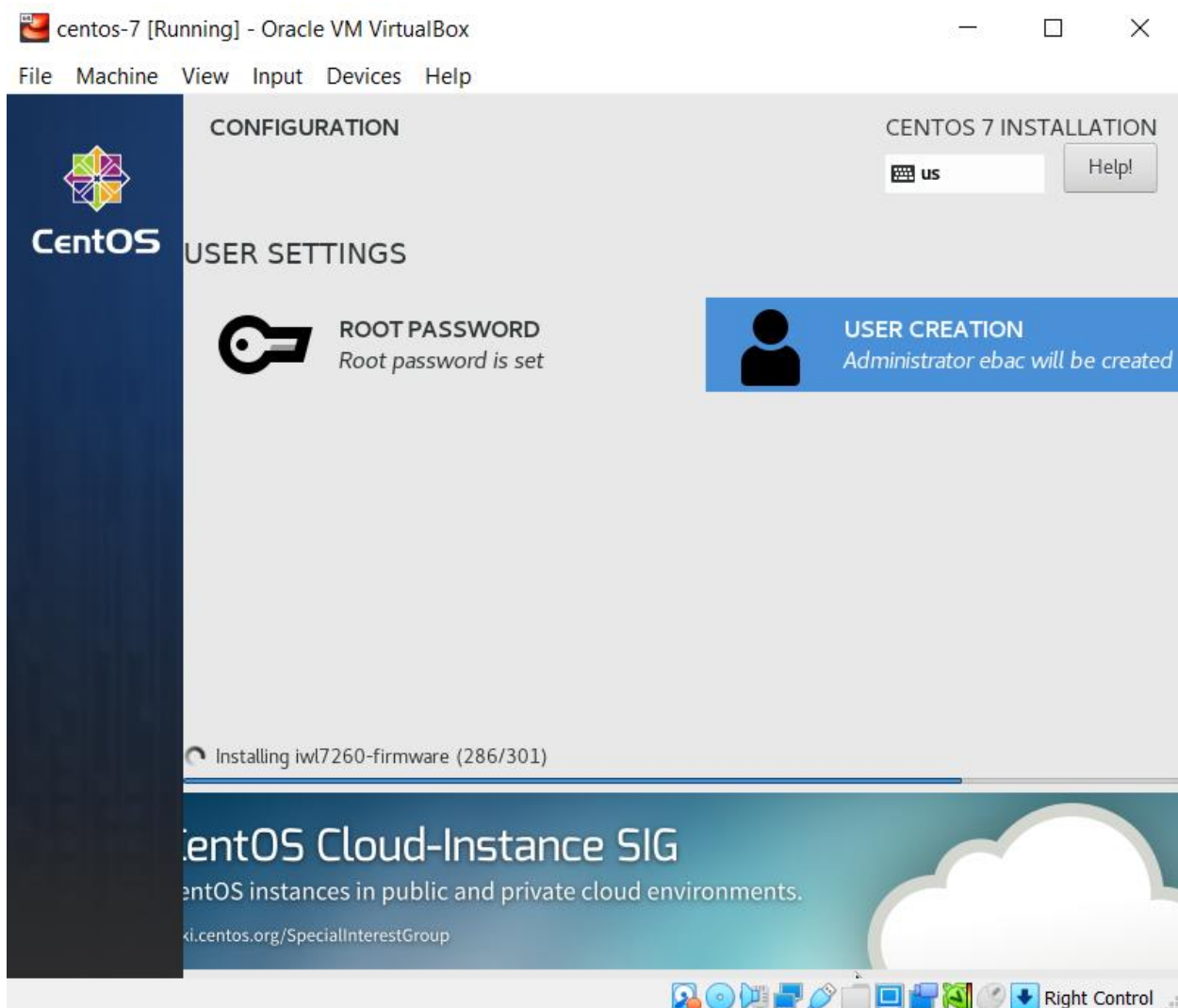
Confirm password

Advanced...

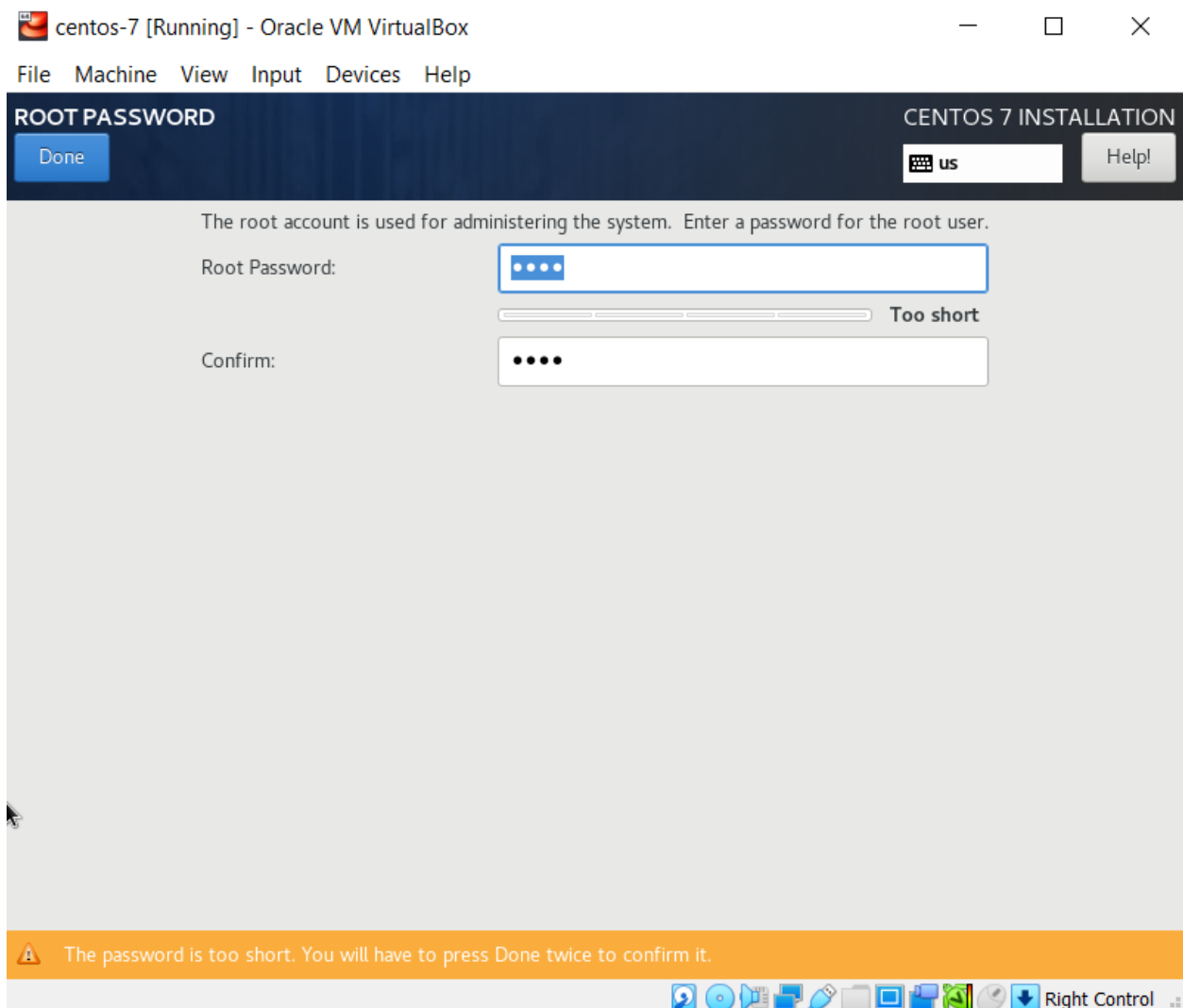
 The password is too short. You will have to press Done twice to confirm it.

 Right Control

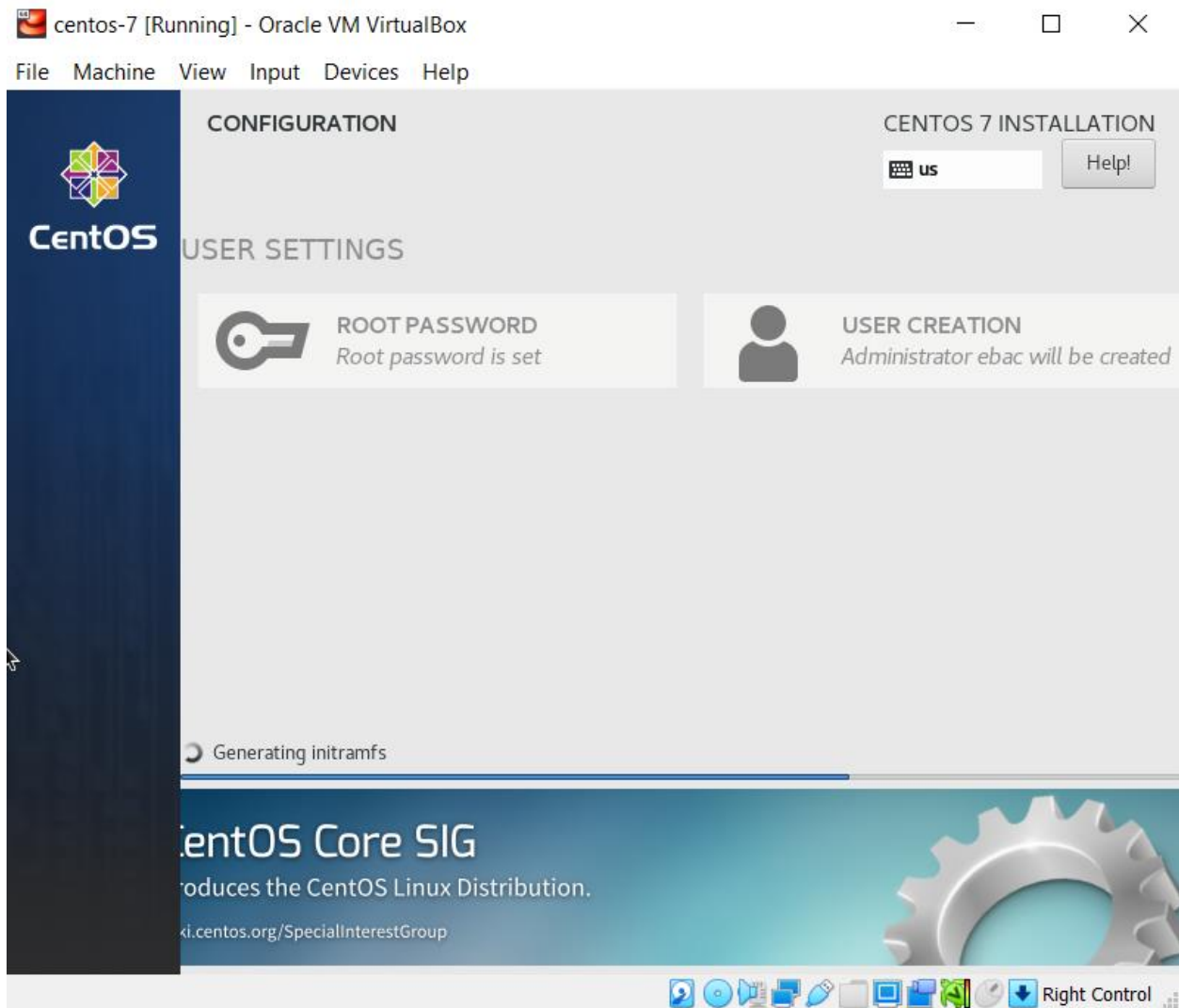
Vamos definir agora uma senha para o usuário root, clique em **ROOT PASSWORD**



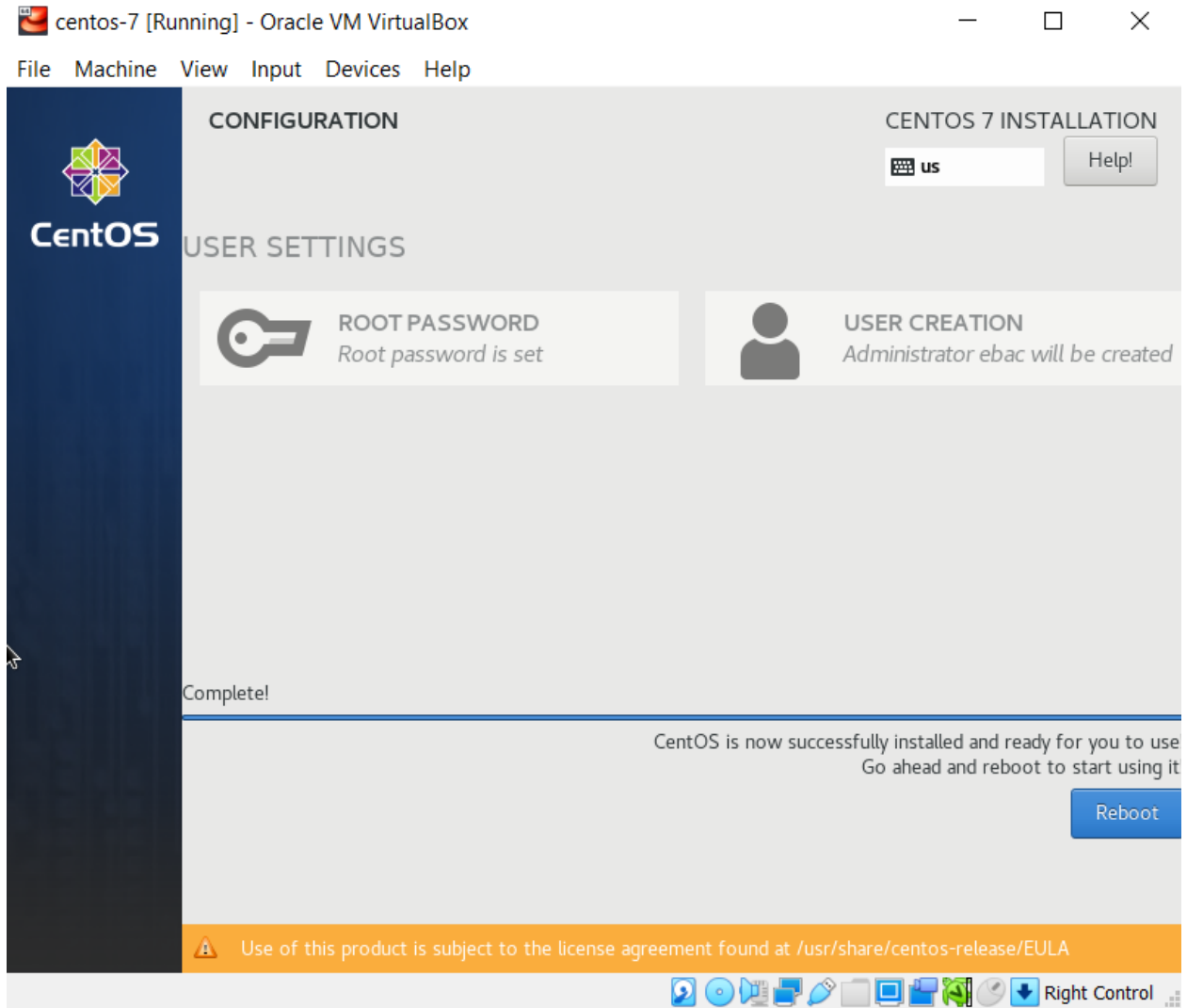
Preencha com root e root e clique **2x** em **DONE**



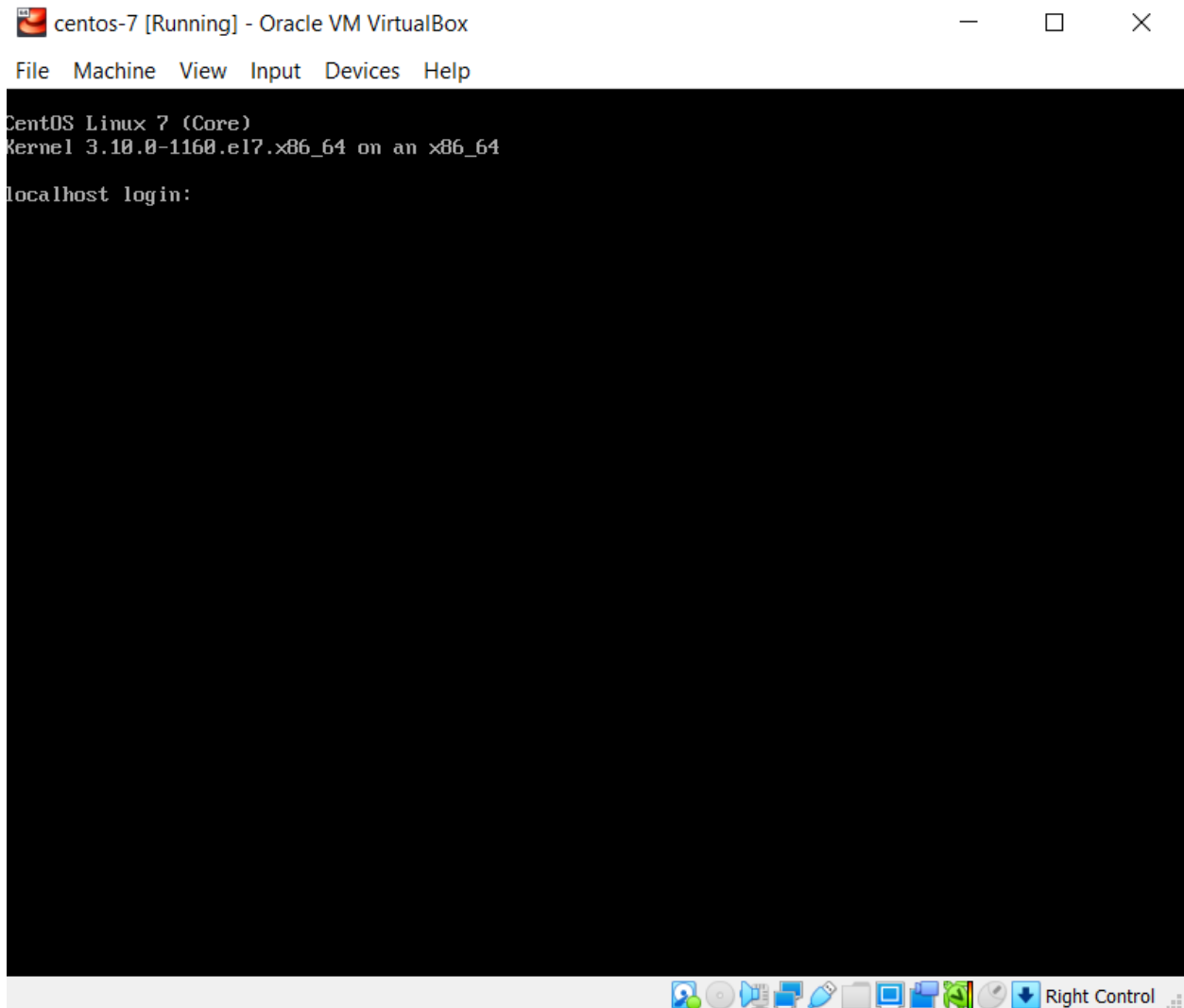
Clique **Finish Configuration**



Após alguns segundos clique em **Reboot**

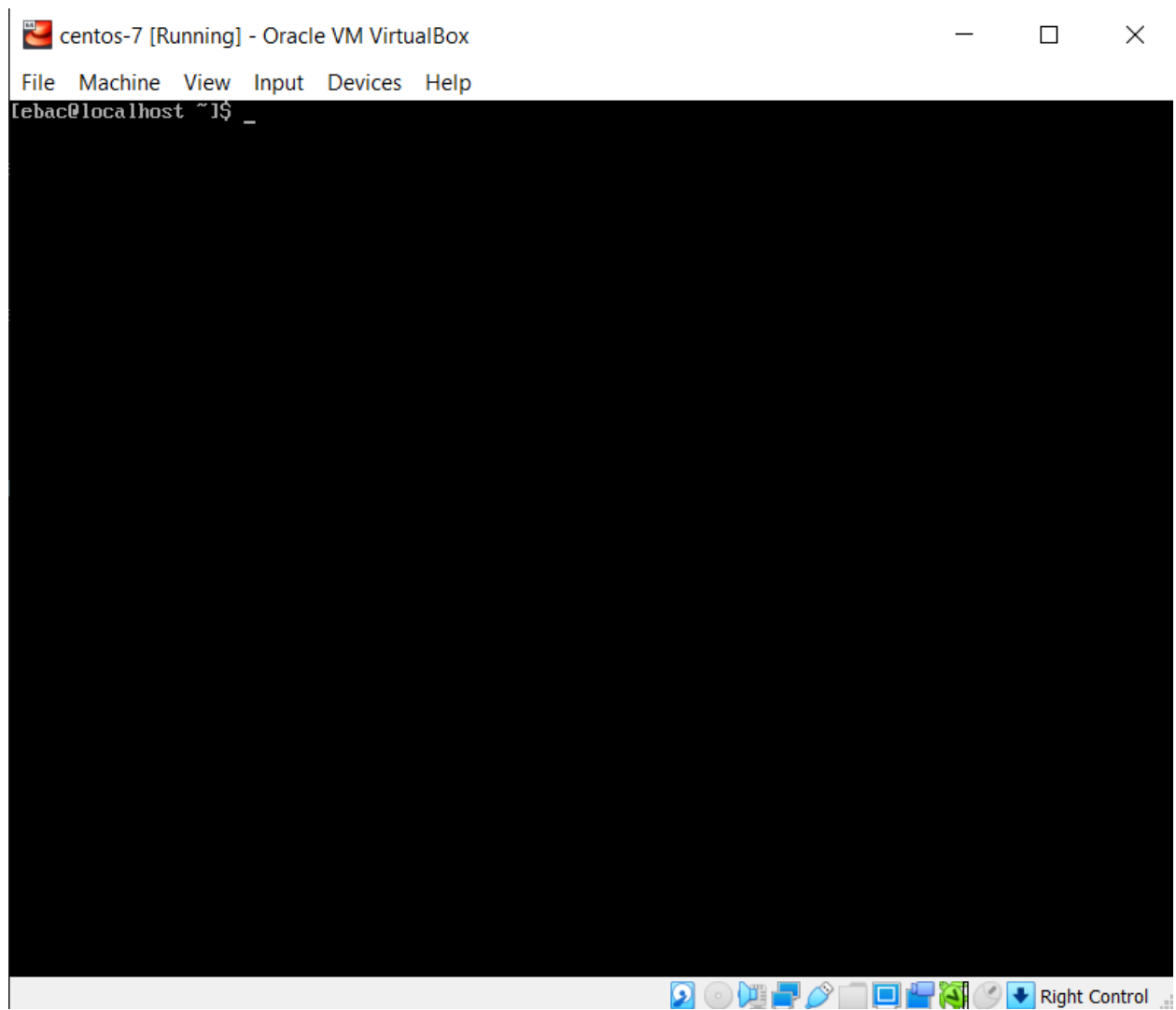


Depois de inicializado o CentOS foi instalado com sucesso e a tela a seguir será exibida



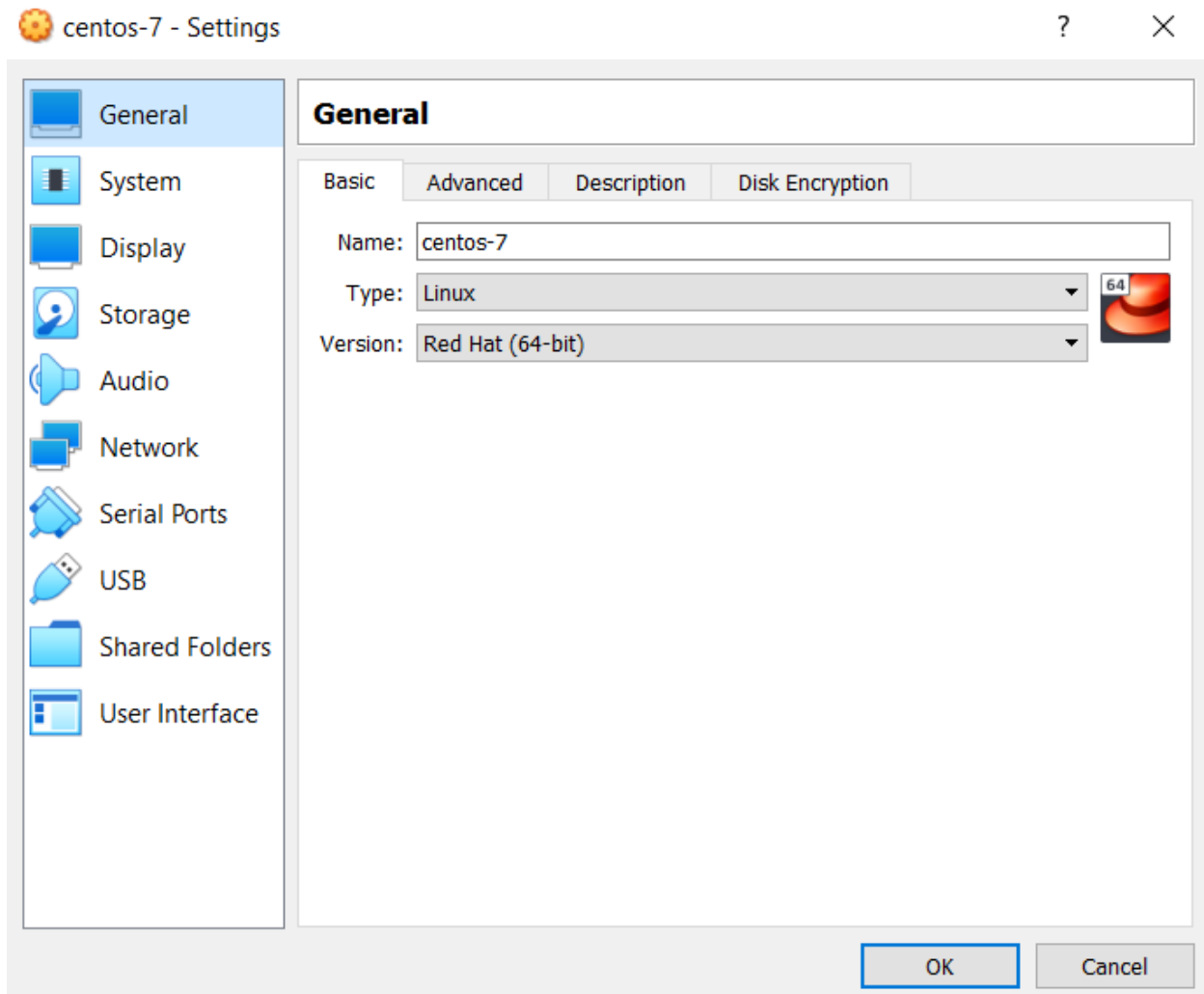
Preencha com os dados do usuário que criamos (user: ebac, password: ebac) e dê um **Enter**

Instalação feita com sucesso



3 - Configurando o Putty para acesso via SSH

Encerre a sessão (caso esteja aberto) do CentOS e clique em Settings



Acesse Network > e abra a segunda aba **Adapter 2** e clique em **Enable Network Adapter** selecione **Host-only Adapter** e deixe a opção default de Name e clique em **OK**

- General
- System
- Display
- Storage
- Audio
- Network
- Serial Ports
- USB
- Shared Folders
- User Interface

Network

Adapter 1 Adapter 2 Adapter 3 Adapter 4

☒ Enable Network Adapter

Attached to: Host-only Adapter

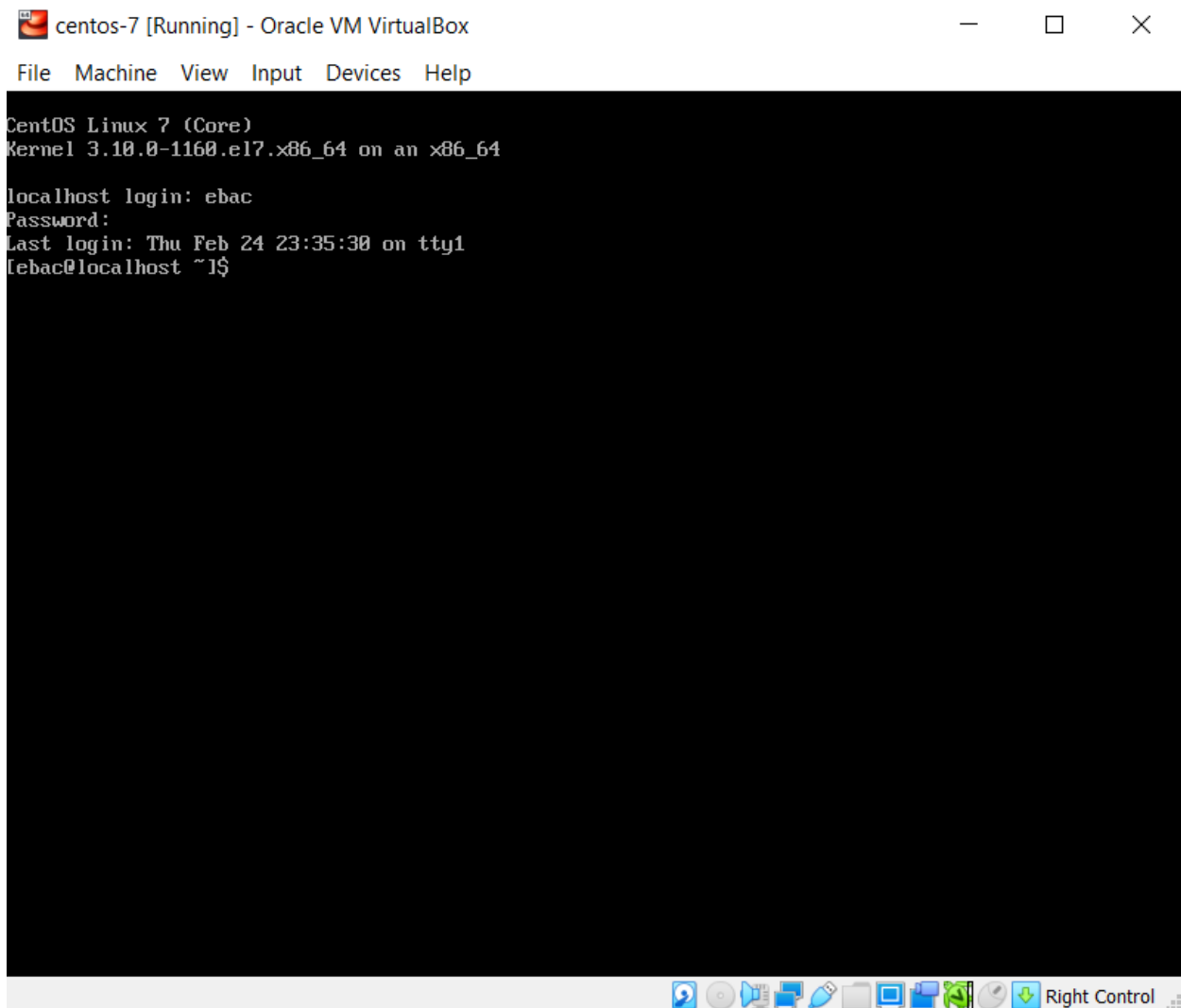
Name: VirtualBox Host-Only Ethernet Adapter

▶ Advanced

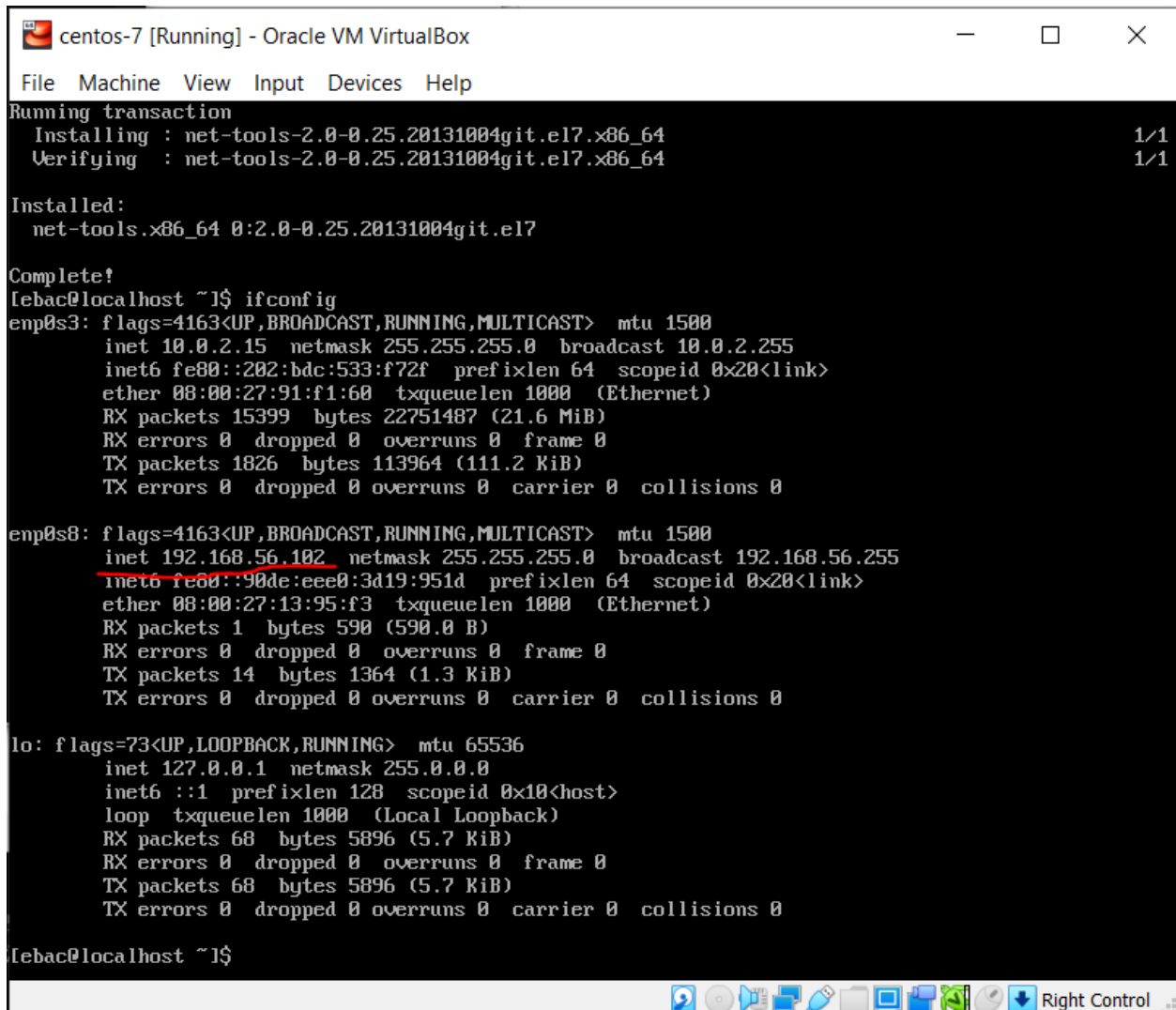
OK

Cancel

Inicialize novamente o centos-7, faça o login e execute o comando: *sudo yum -y install net-tools*



Após a instalação execute **ifconfig** e copie o ip do segundo bloco (conforme imagem abaixo)



```
centos-7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Running transaction
  Installing : net-tools-2.0-0.25.20131004git.el7.x86_64      1/1
  Verifying  : net-tools-2.0-0.25.20131004git.el7.x86_64      1/1

Installed:
  net-tools.x86_64 0:2.0-0.25.20131004git.el7

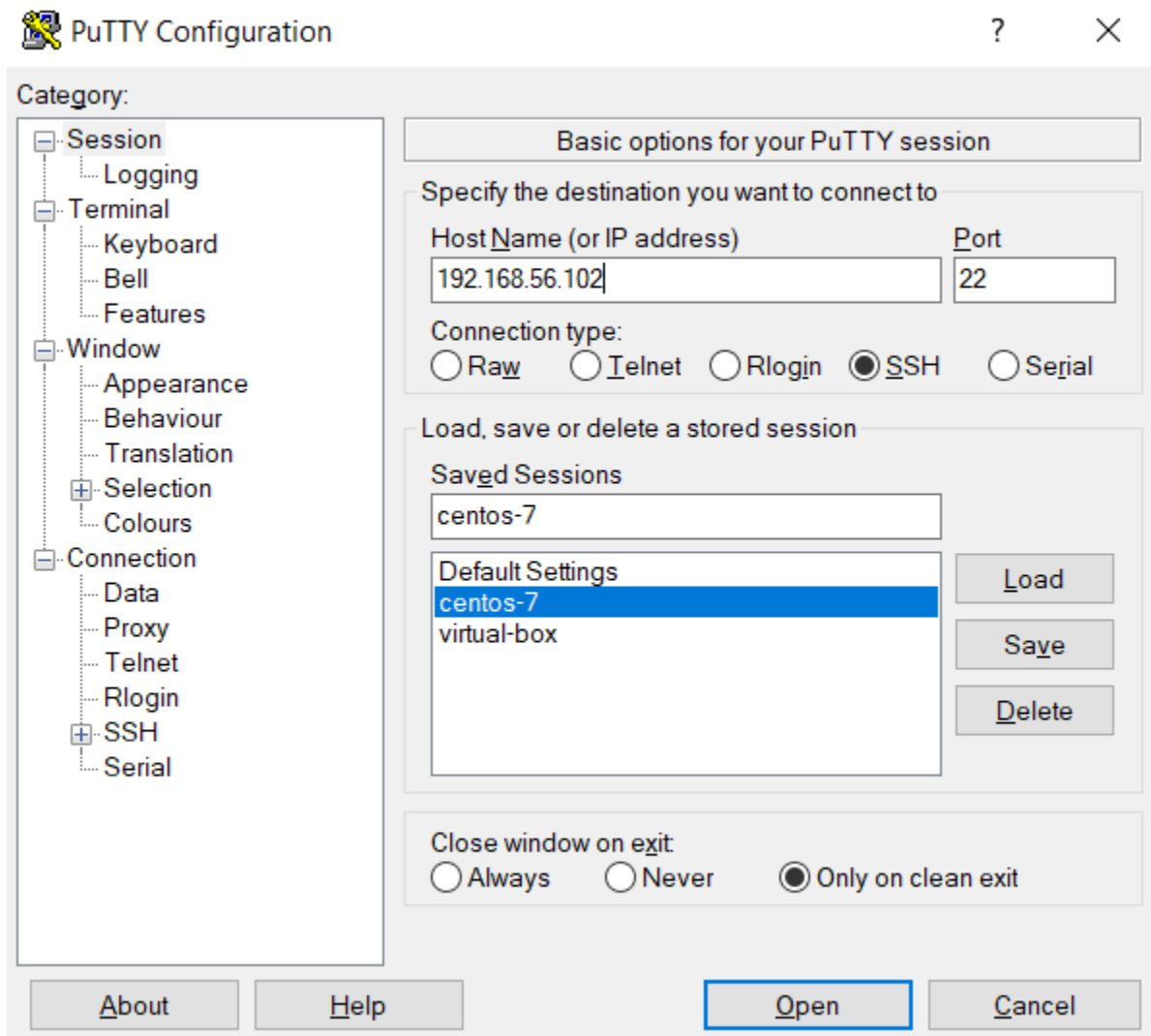
Complete!
[ebac@localhost ~]$ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255
    inet6 fe80::202:bdc:533:f72f prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:91:f1:60 txqueuelen 1000 (Ethernet)
    RX packets 15399 bytes 22751487 (21.6 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1826 bytes 113964 (111.2 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

enp0s8: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.56.102 netmask 255.255.255.0 broadcast 192.168.56.255
    inet6 fe80::90de:eee0:3d19:951d prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:13:95:f3 txqueuelen 1000 (Ethernet)
    RX packets 1 bytes 590 (590.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 14 bytes 1364 (1.3 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 68 bytes 5896 (5.7 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 68 bytes 5896 (5.7 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

[ebac@localhost ~]$
```


Abra o putty e insira as informações de **Host Name** (resultado do comando de ifconfig - veja passo acima) e **Port 22** e clique em **Open**



OBS: salve os dados da sessão inserindo um nome no **Saved Sessions** e clique em **Save**

De um Sim na tela de aviso do Putty

PuTTY Security Alert



The server's host key is not cached in the registry. You have no guarantee that the server is the computer you think it is.

The server's ssh-ed25519 key fingerprint is:

ssh-ed25519 255 15:87:b4:ed:2c:d5:7d:da:a7:67:f4:31:58:93:4c:36

If you trust this host, hit Yes to add the key to

PuTTY's cache and carry on connecting.

If you want to carry on connecting just once, without adding the key to the cache, hit No.

If you do not trust this host, hit Cancel to abandon the connection.

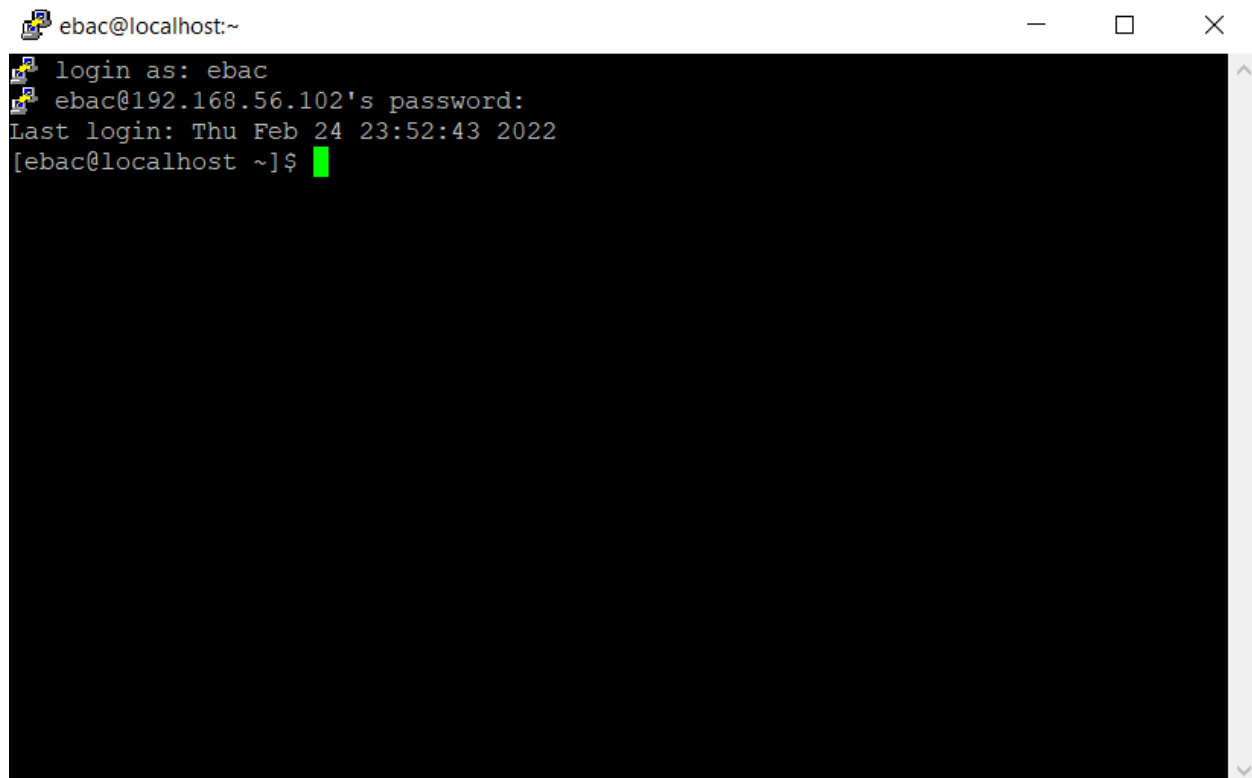
Sim

Não

Cancelar

Ajuda

Entre com as credenciais e após isso você estará conectado



```
ebac@localhost:~  
login as: ebac  
ebac@192.168.56.102's password:  
Last login: Thu Feb 24 23:52:43 2022  
[ebac@localhost ~]$
```

A terminal window with a black background and white text. The window title bar shows 'ebac@localhost:~' and standard window controls (minimize, maximize, close). The terminal output shows a successful login for the user 'ebac' from IP '192.168.56.102'. The last login time is 'Thu Feb 24 23:52:43 2022'. The prompt is '[ebac@localhost ~]\$' followed by a green cursor.