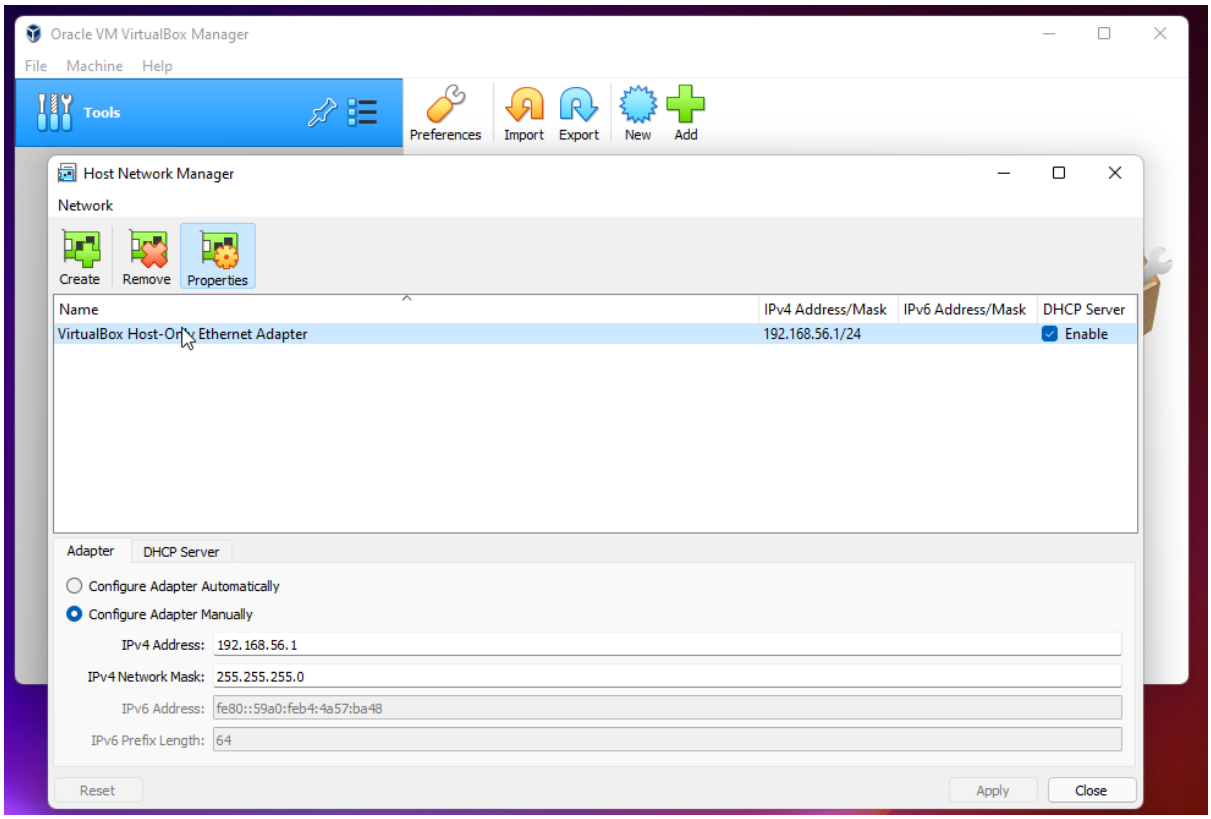
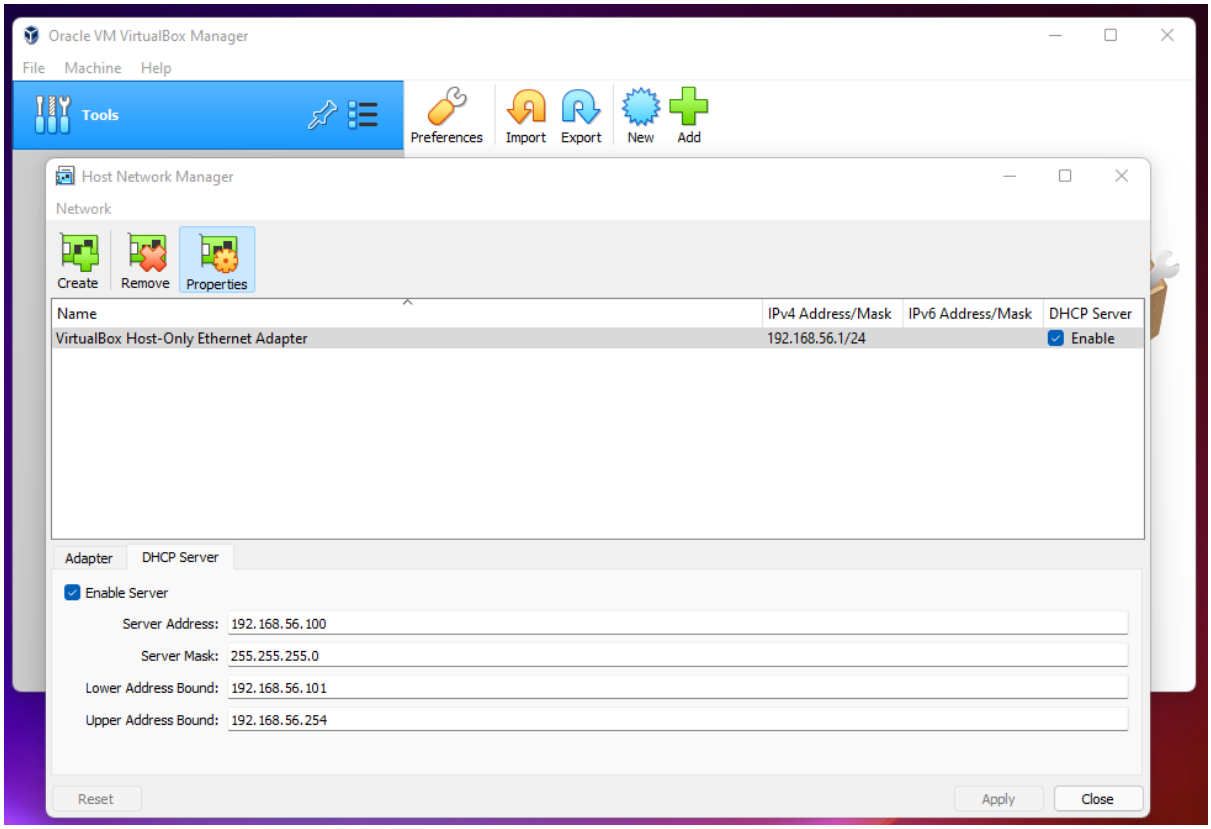
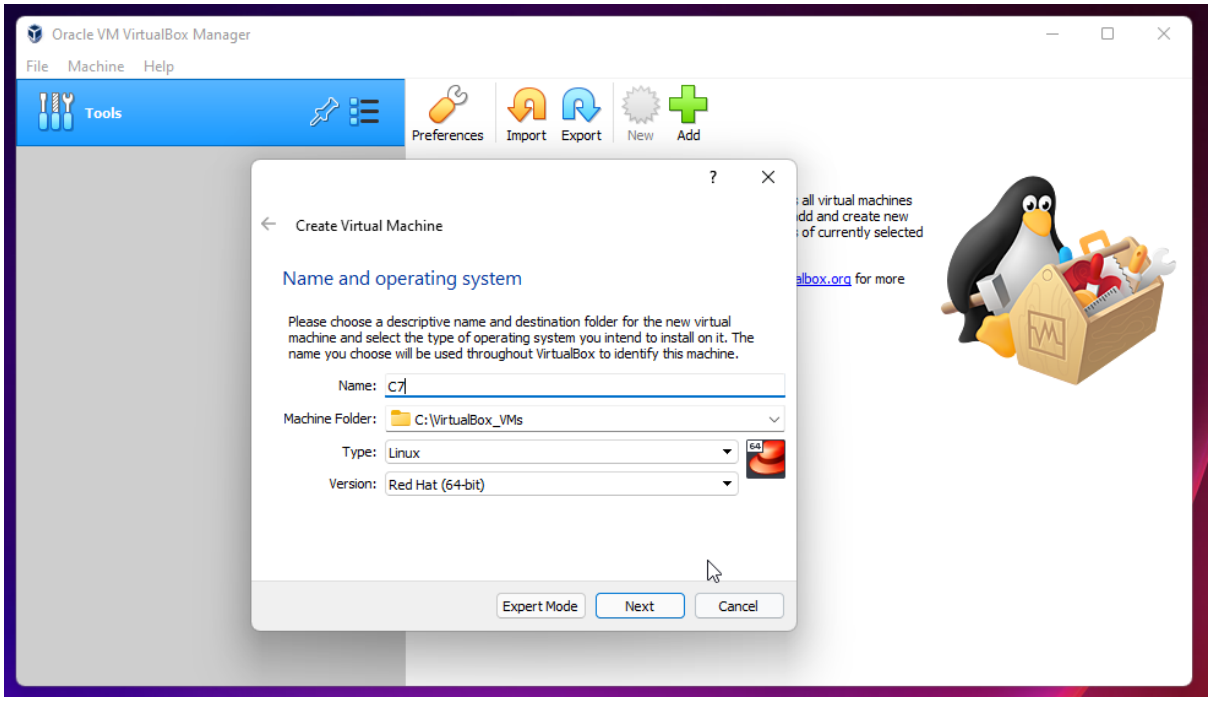
Offline Centos 7 Installation

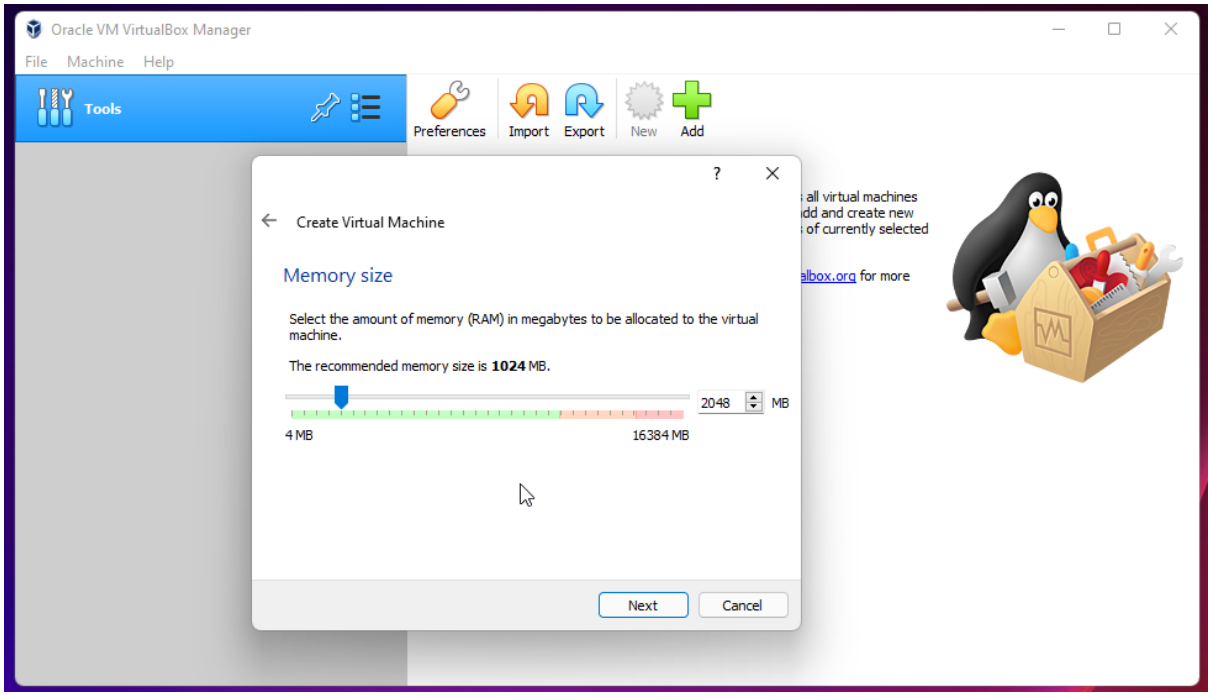
Static Ip – Control

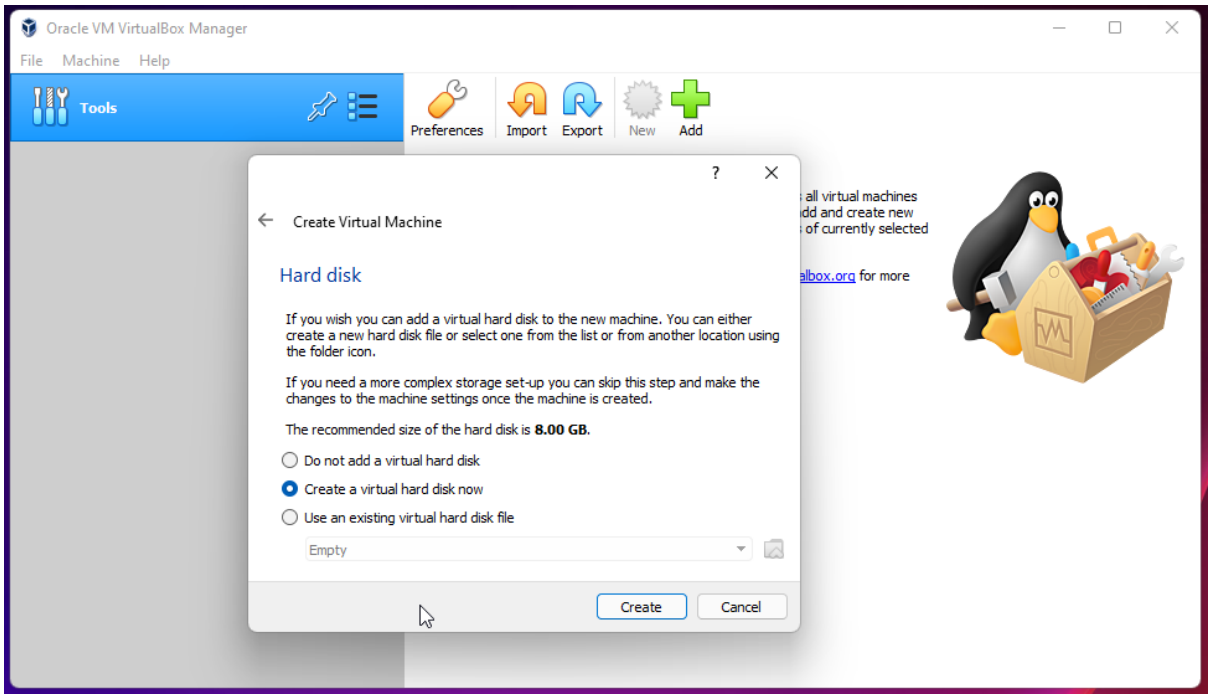


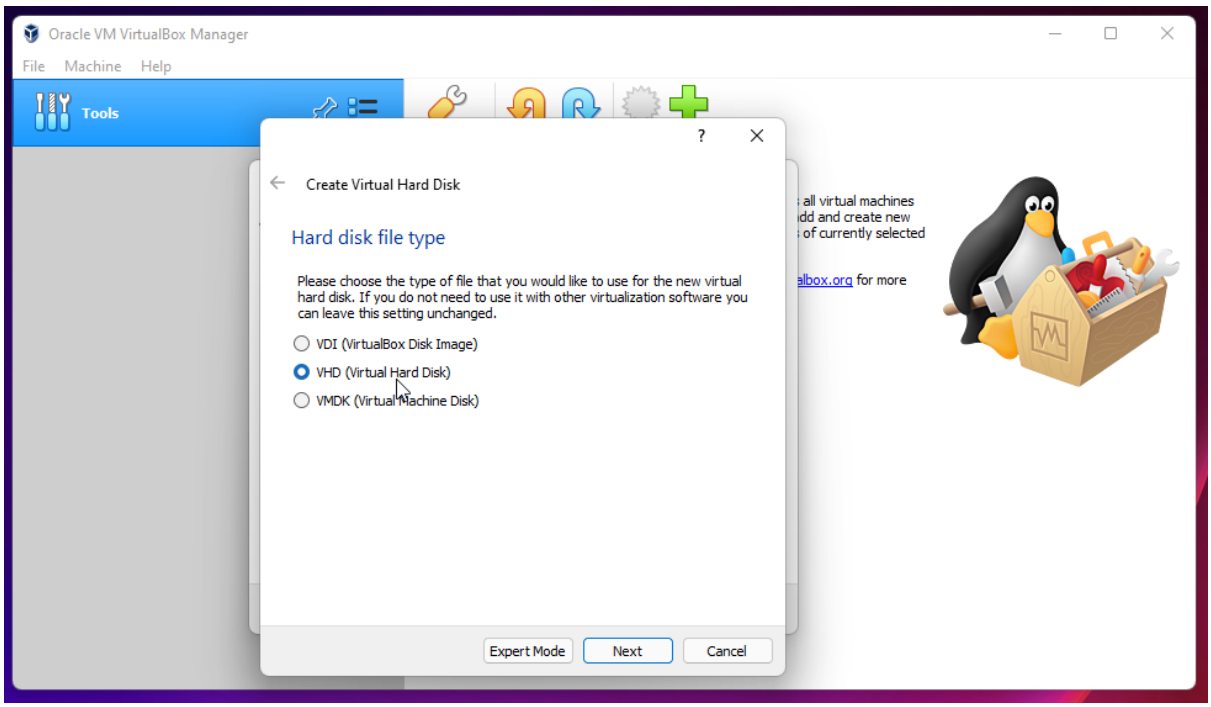


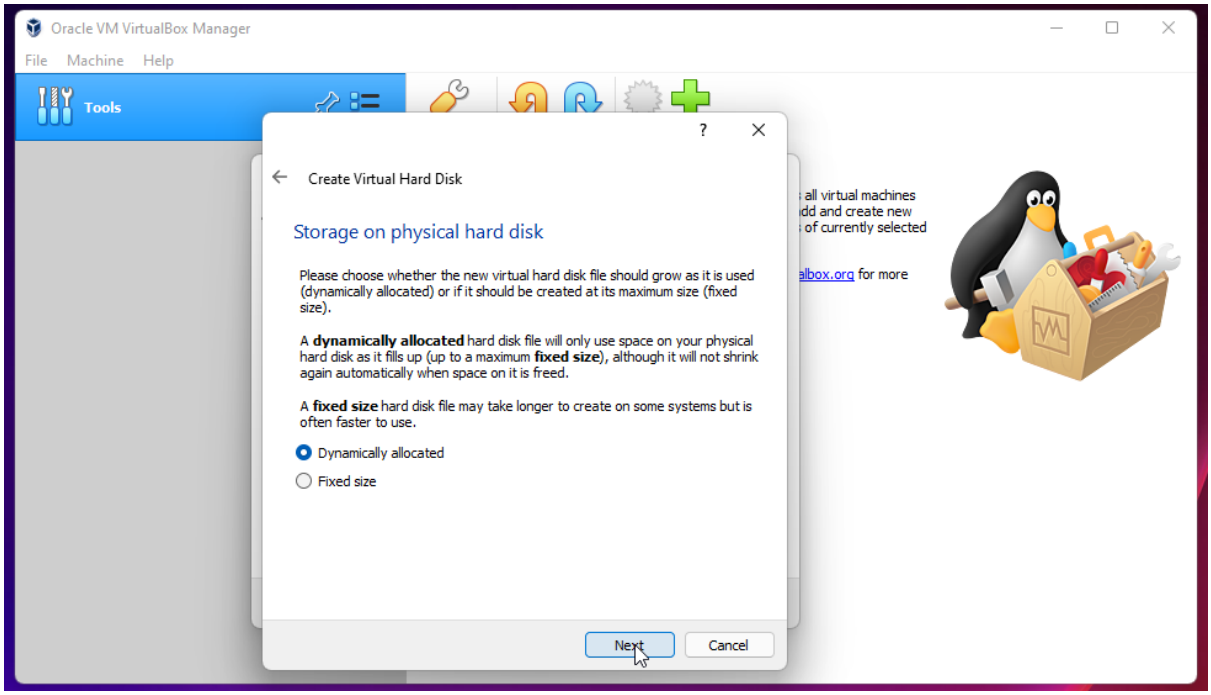
New Machine *

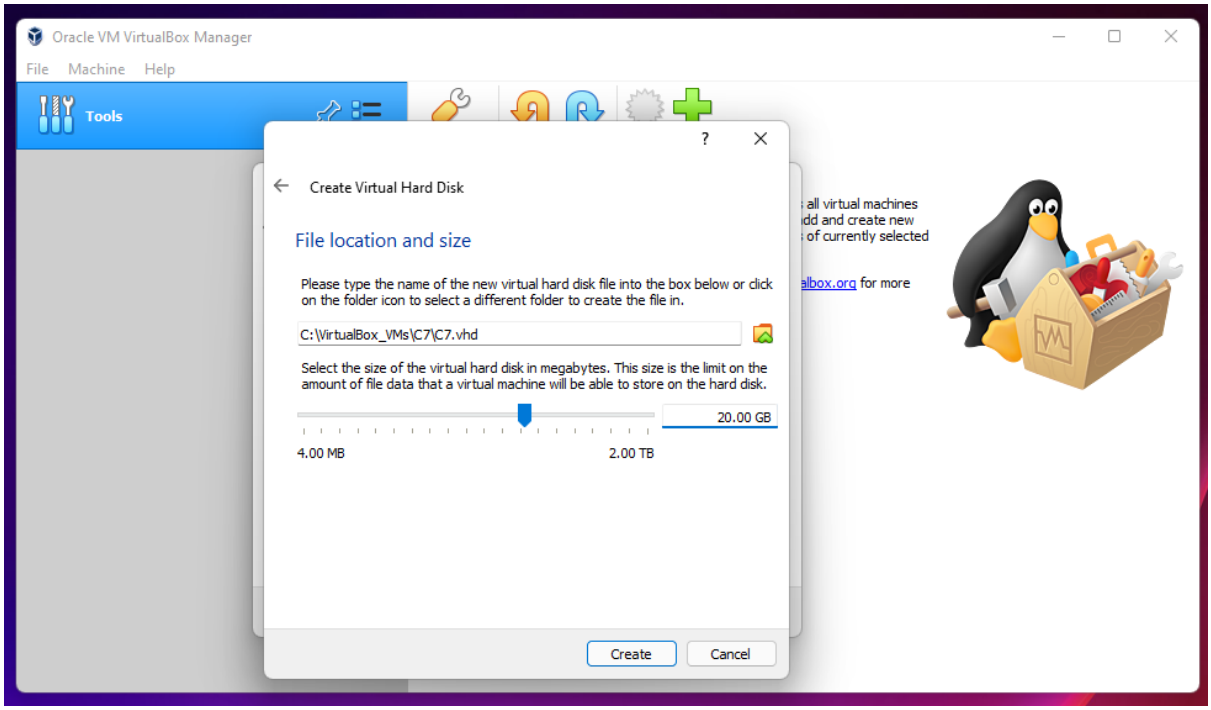

Oracle VM VirtualBox Manager
File Machine Help
Tools
Preferences Import Export New Add
Create Virtual Machine
Name and operating system
Please choose a descriptive name and destination folder for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.
Name: C7
Machine Folder: C:\VirtualBox_VMs
Type: Linux
Version: Red Hat (64-bit)
Expert Mode Next Cancel

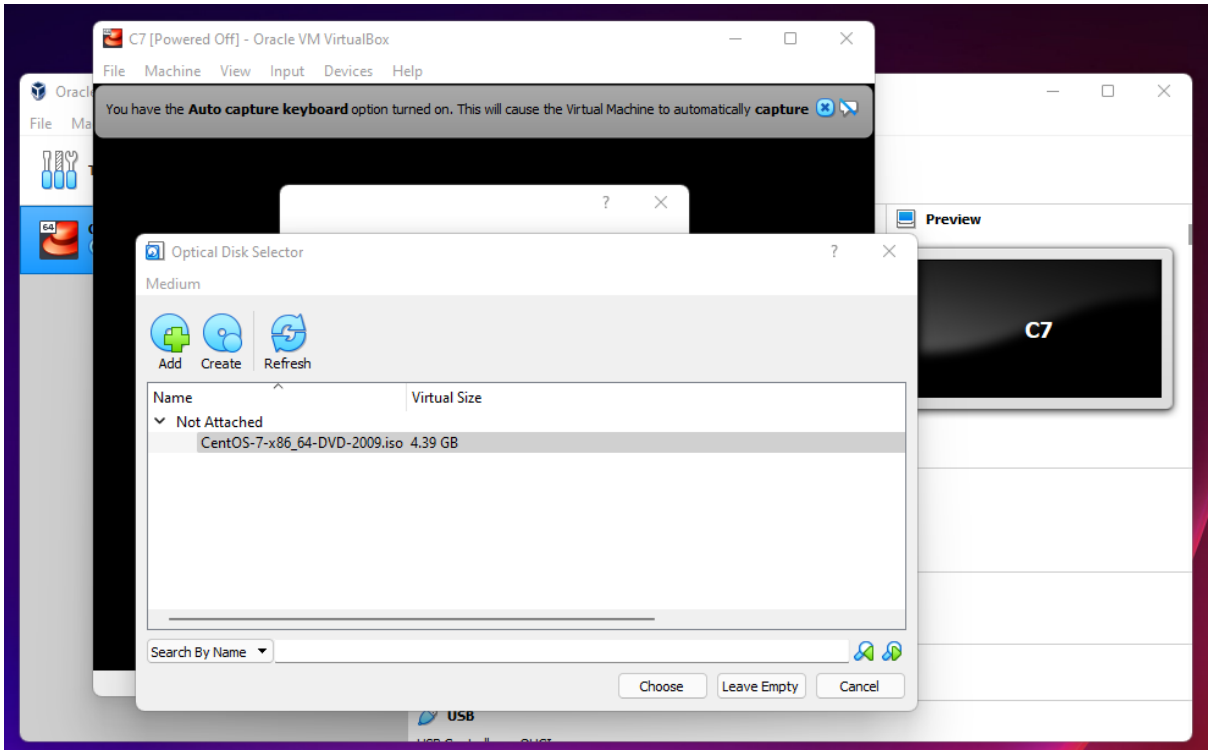

Oracle VM VirtualBox Manager
File Machine Help
Tools
Preferences Import Export New Add
Create Virtual Machine
Memory size
Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.
The recommended memory size is 1024 MB.
2048 MB
4 MB
16384 MB
Next Cancel

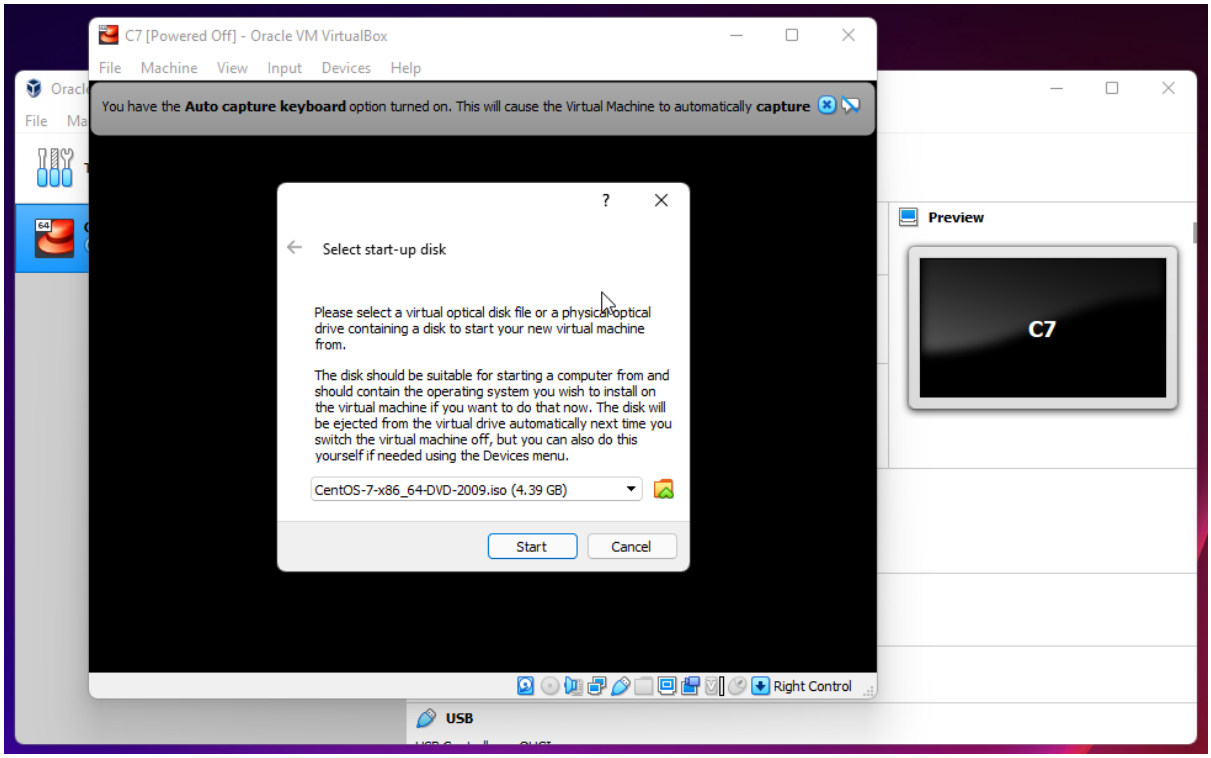

Oracle VM VirtualBox Manager
File Machine Help
Tools
Preferences Import Export New Add
Create Virtual Machine
Hard disk
If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select one from the list or from another location using the folder icon.
If you need a more complex storage set-up you can skip this step and make the changes to the machine settings once the machine is created.
The recommended size of the hard disk is 8.00 GB.
Do not add a virtual hard disk
Create a virtual hard disk now
Use an existing virtual hard disk file
Empty
Create
Cancel

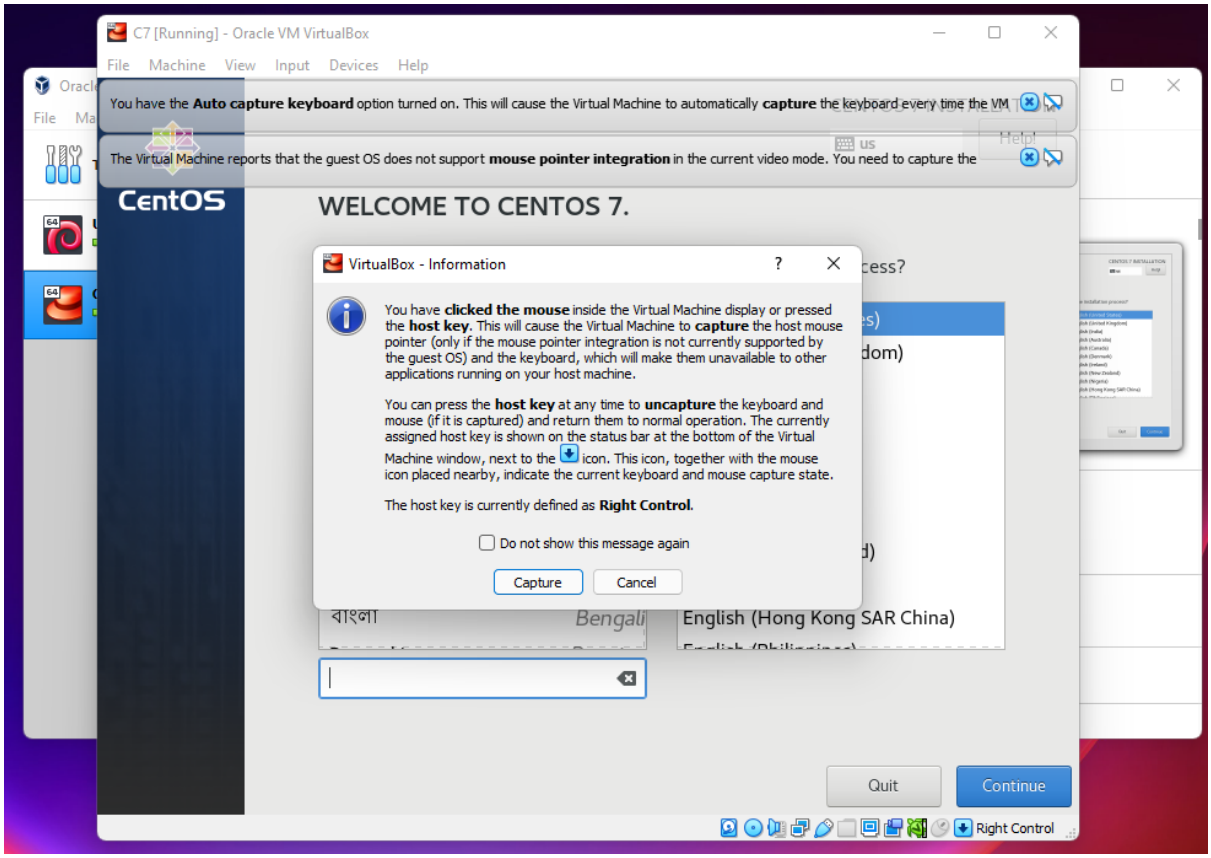

Oracle VM VirtualBox Manager
File Machine Help
Tools
Create Virtual Hard Disk
Hard disk file type
Please choose the type of file that you would like to use for the new virtual hard disk. If you do not need to use it with other virtualization software you can leave this setting unchanged.
VDI (VirtualBox Disk Image)
VHD (Virtual Hard Disk)
VMDK (Virtual Machine Disk)
Expert Mode
Next
Cancel

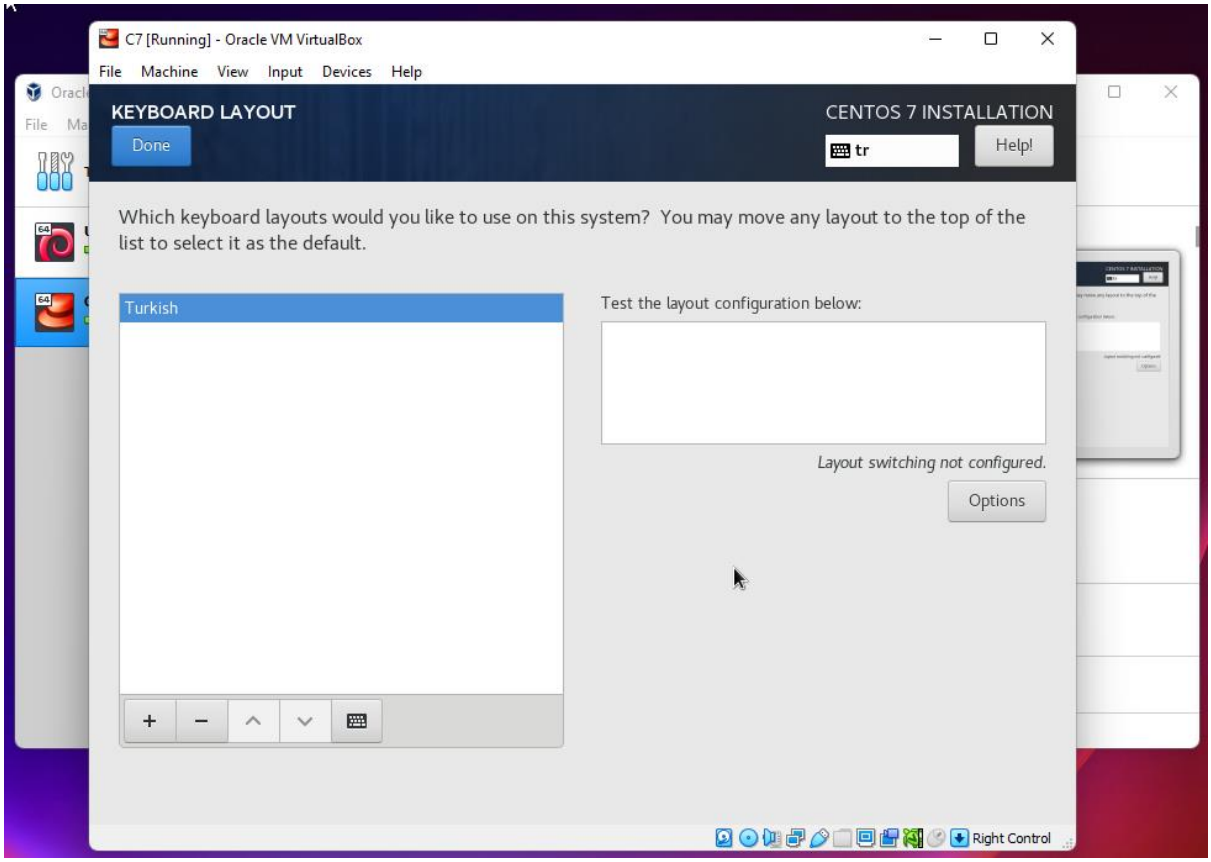

Oracle VM VirtualBox Manager
File Machine Help
Tools
Create Virtual Hard Disk
Storage on physical hard disk
Please choose whether the new virtual hard disk file should grow as it is used (dynamically allocated) or if it should be created at its maximum size (fixed size).
A dynamically allocated hard disk file will only use space on your physical hard disk as it fills up (up to a maximum fixed size), although it will not shrink again automatically when space on it is freed.
A fixed size hard disk file may take longer to create on some systems but is often faster to use.
Dynamically allocated
Fixed size
Next
Cancel

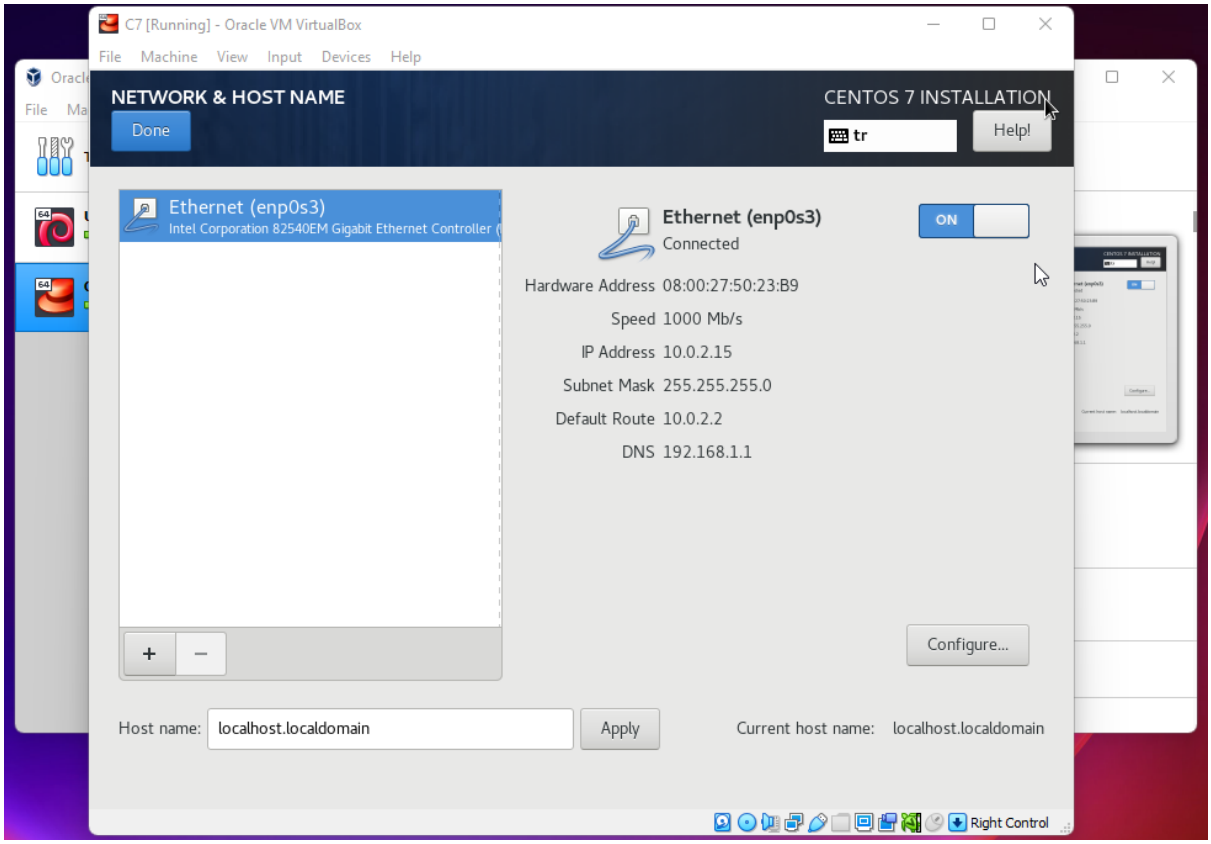

Oracle VM VirtualBox Manager
File Machine Help
Tools
Create Virtual Hard Disk
File location and size
Please type the name of the new virtual hard disk file into the box below or click on the folder icon to select a different folder to create the file in.
C:\VirtualBox_VMs\C7\C7.vhd
Select the size of the virtual hard disk in megabytes. This size is the limit on the amount of file data that a virtual machine will be able to store on the hard disk.
20.00 GB
4.00 MB
2.00 TB
Create
Cancel

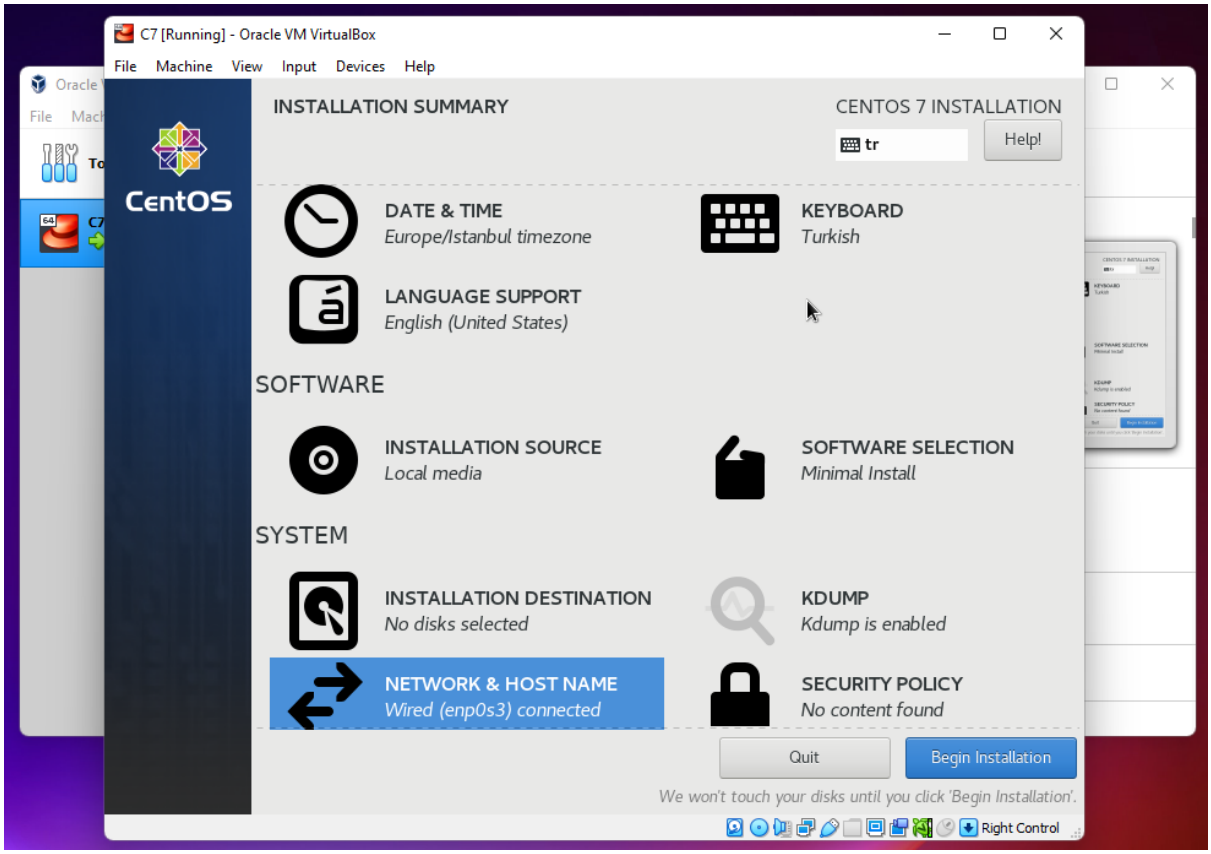

C7 [Powered Off] - Oracle VM VirtualBox
File Machine View Input Devices Help
You have the Auto capture keyboard option turned on. This will cause the Virtual Machine to automatically capture
Optical Disk Selector
Medium
Add
Create
Refresh
Name
Virtual Size
Not Attached
CentOS-7-x86_64-DVD-2009.iso 4.39 GB
Search By Name
Choose
Leave Empty
Cancel
Preview
C7
USB

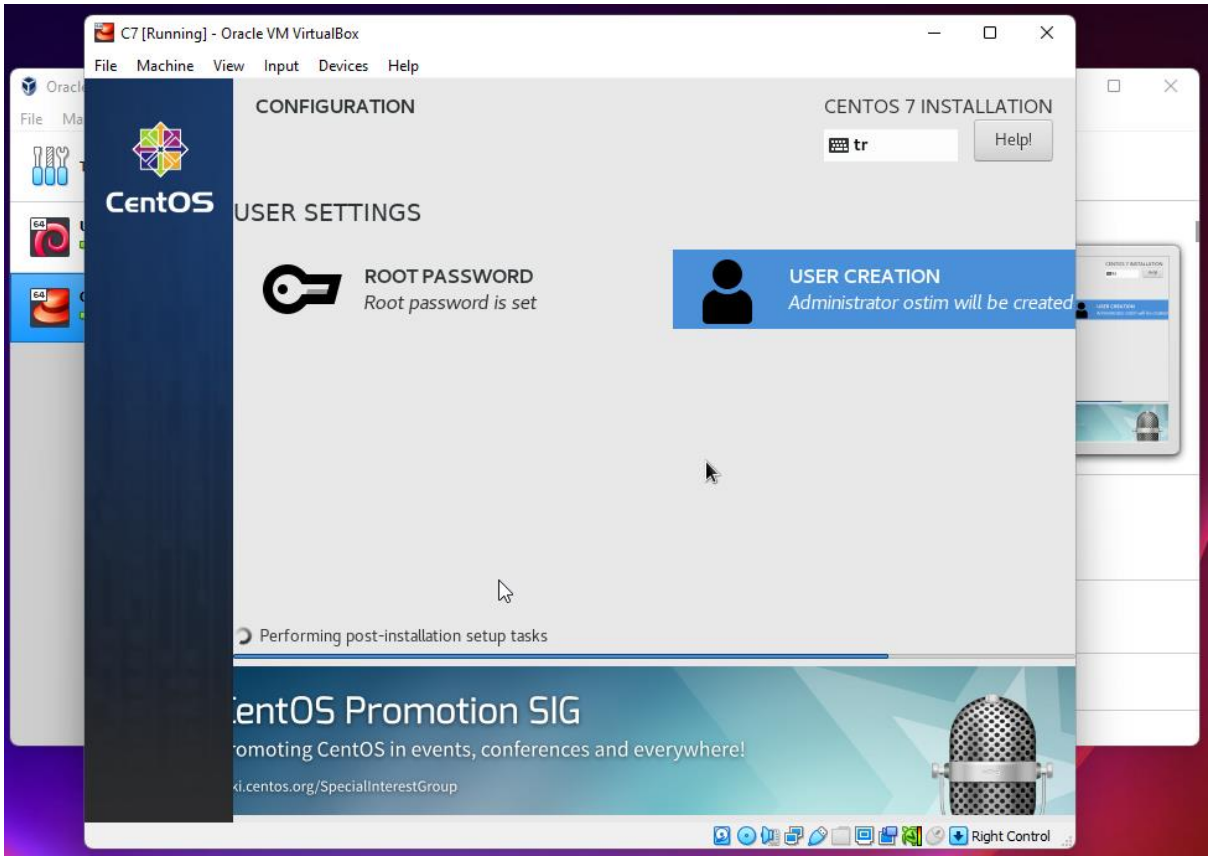

C7 [Powered Off] - Oracle VM VirtualBox
File Machine View Input Devices Help
You have the Auto capture keyboard option turned on. This will cause the Virtual Machine to automatically capture
Select start-up disk
Please select a virtual optical disk file or a physical optical drive containing a disk to start your new virtual machine from.
The disk should be suitable for starting a computer from and should contain the operating system you wish to install on the virtual machine if you want to do that now. The disk will be ejected from the virtual drive automatically next time you switch the virtual machine off, but you can also do this yourself if needed using the Devices menu.
CentOS-7-x86_64-DVD-2009.iso (4.39 GB)
Start
Cancel
Right Control
Preview
C7
USB

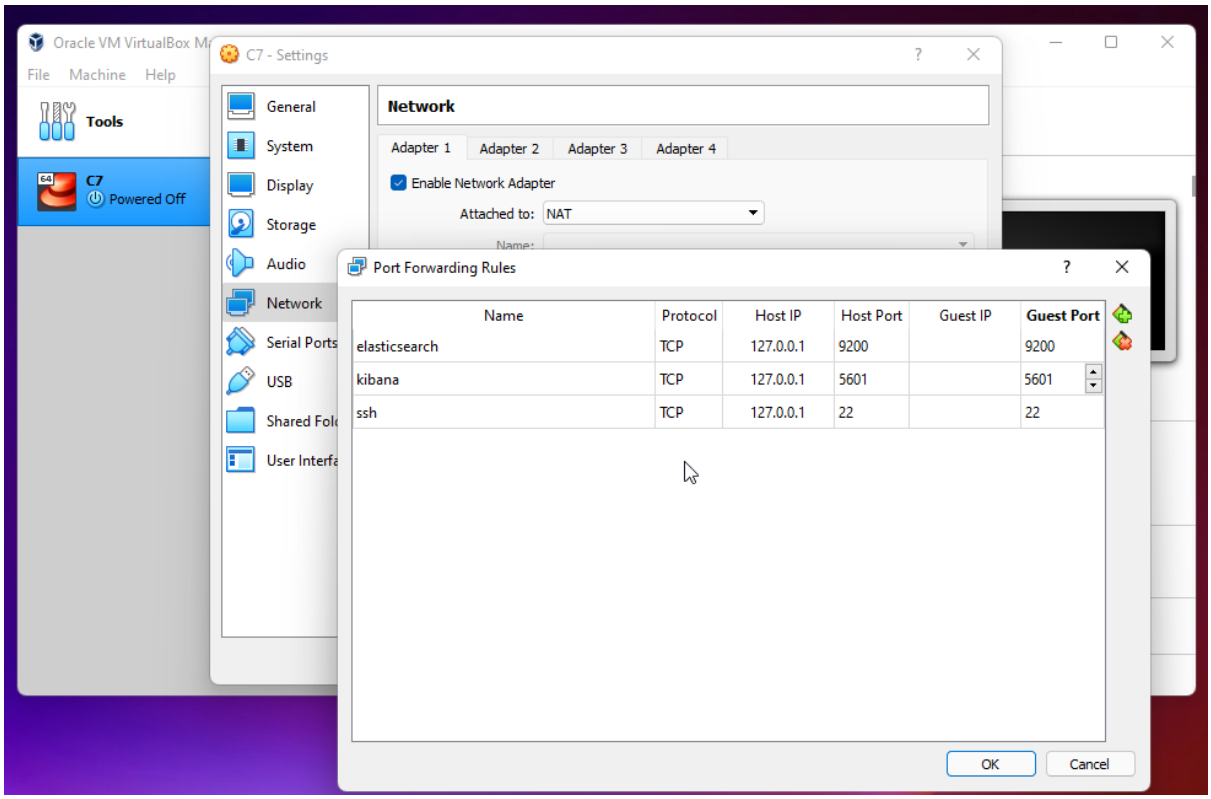

C7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
You have the Auto capture keyboard option turned on. This will cause the Virtual Machine to automatically capture the keyboard every time the VM
The Virtual Machine reports that the guest OS does not support mouse pointer integration in the current video mode. You need to capture the
CentOS
WELCOME TO CENTOS 7.
VirtualBox - Information
You have clicked the mouse inside the Virtual Machine display or pressed the host key. This will cause the Virtual Machine to capture the host mouse pointer (only if the mouse pointer integration is not currently supported by the guest OS) and the keyboard, which will make them unavailable to other applications running on your host machine.
You can press the host key at any time to uncapture the keyboard and mouse (if it is captured) and return them to normal operation. The currently assigned host key is shown on the status bar at the bottom of the Virtual Machine window, next to the icon. This icon, together with the mouse icon placed nearby, indicate the current keyboard and mouse capture state.
The host key is currently defined as Right Control.
Do not show this message again
Capture
Cancel
বাংলা
Bengali
English (Hong Kong SAR China)
Quit
Continue
Right Control

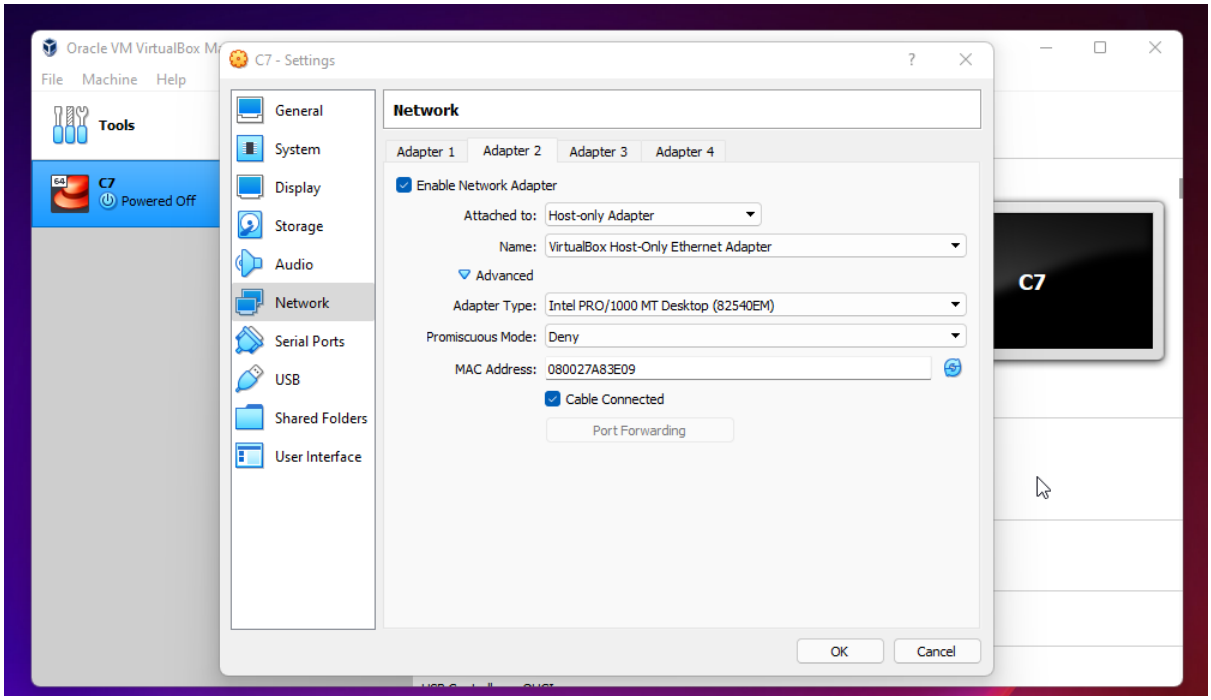

C7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
KEYBOARD LAYOUT
Done
CENTOS 7 INSTALLATION
tr
Help!
Which keyboard layouts would you like to use on this system? You may move any layout to the top of the list to select it as the default.
Turkish
Test the layout configuration below:
Layout switching not configured.
Options
Right Control

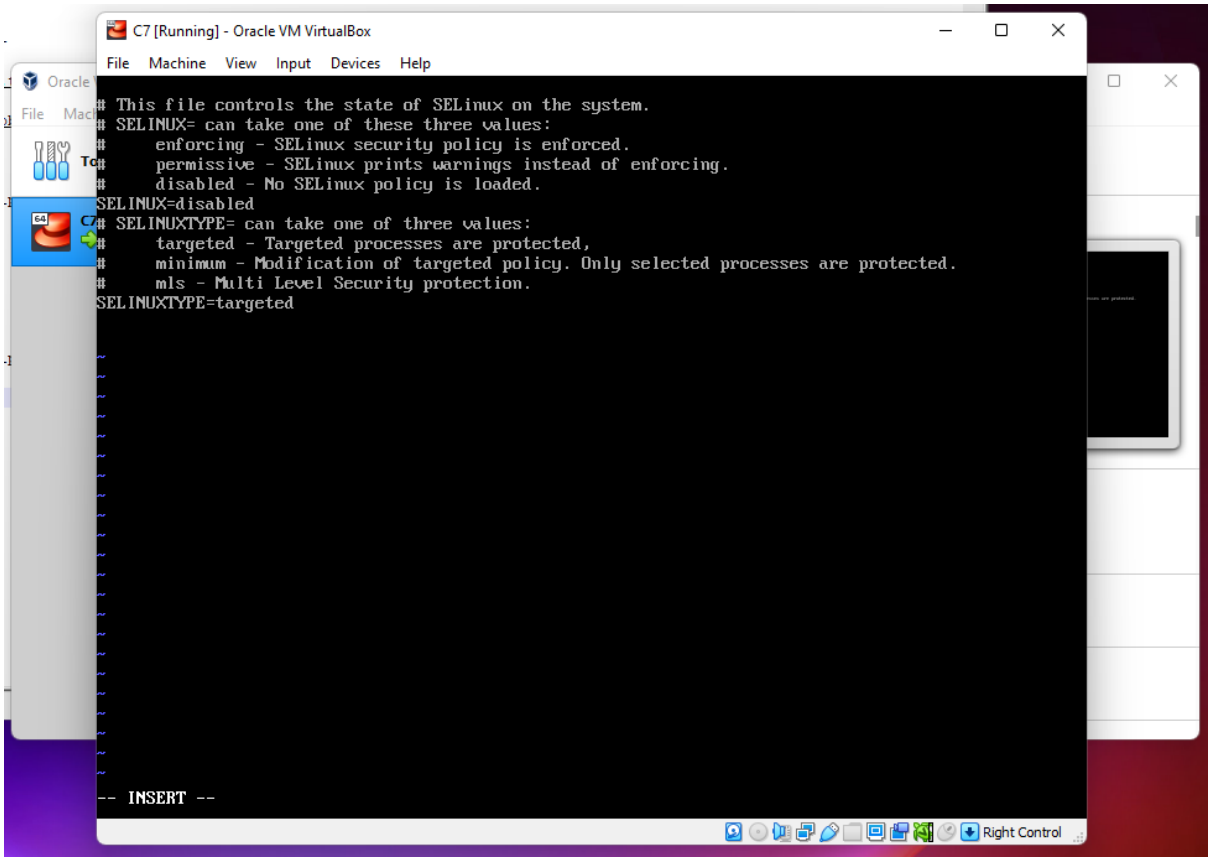

C7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
NETWORK & HOST NAME
Done
CENTOS 7 INSTALLATION
tr
Help!
Ethernet (enp0s3)
Intel Corporation 82540EM Gigabit Ethernet Controller
Ethernet (enp0s3)
Connected
ON
Hardware Address 08:00:27:50:23:B9
Speed 1000 Mb/s
IP Address 10.0.2.15
Subnet Mask 255.255.255.0
Default Route 10.0.2.2
DNS 192.168.1.1
Configure...
Host name: localhost.localdomain
Apply
Current host name: localhost.localdomain
Right Control

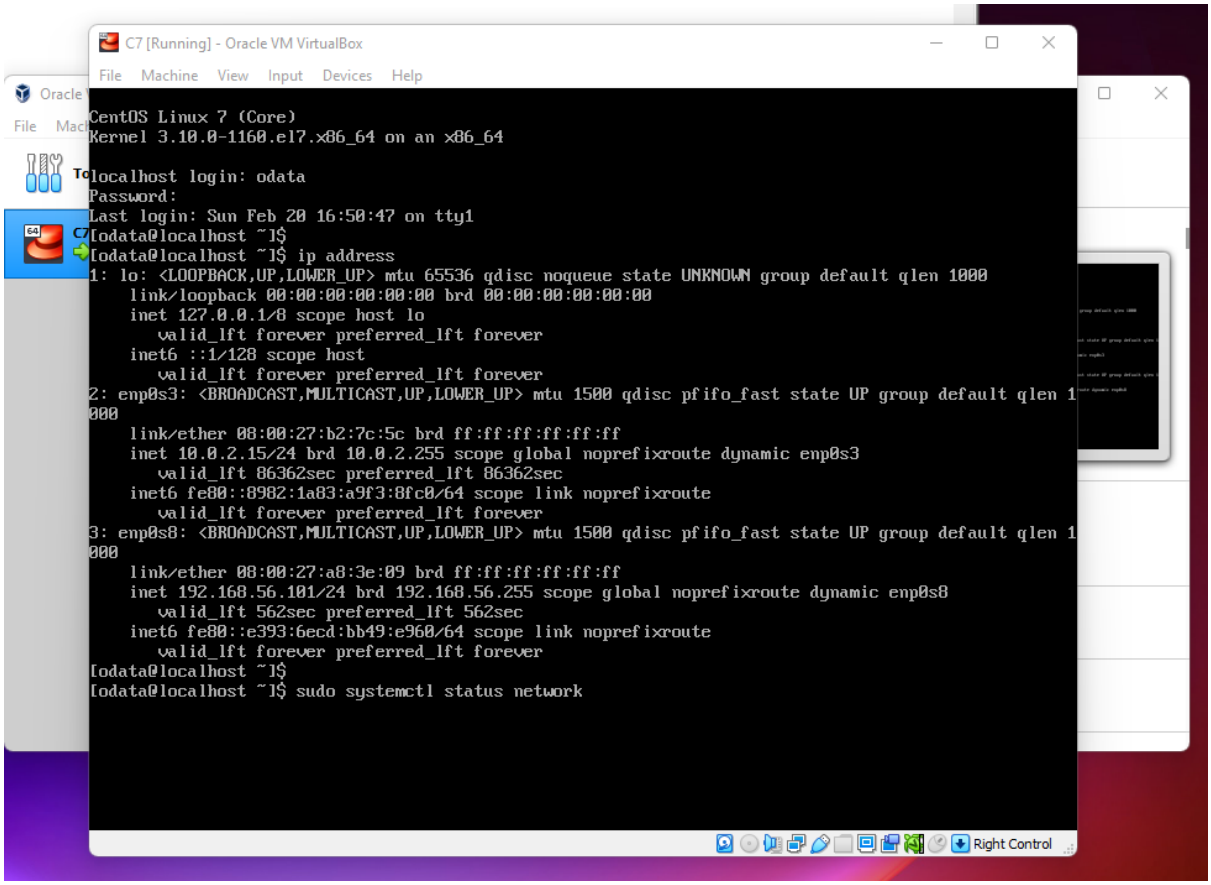

C7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
CentOS
INSTALLATION SUMMARY
CENTOS 7 INSTALLATION
tr
Help!
DATE & TIME
Europe/Istanbul timezone
KEYBOARD
Turkish
LANGUAGE SUPPORT
English (United States)
SOFTWARE
INSTALLATION SOURCE
Local media
SOFTWARE SELECTION
Minimal Install
SYSTEM
INSTALLATION DESTINATION
No disks selected
KDUMP
Kdump is enabled
NETWORK & HOST NAME
Wired (enp0s3) connected
SECURITY POLICY
No content found
Quit
Begin Installation
We won't touch your disks until you click 'Begin Installation'.
Right Control

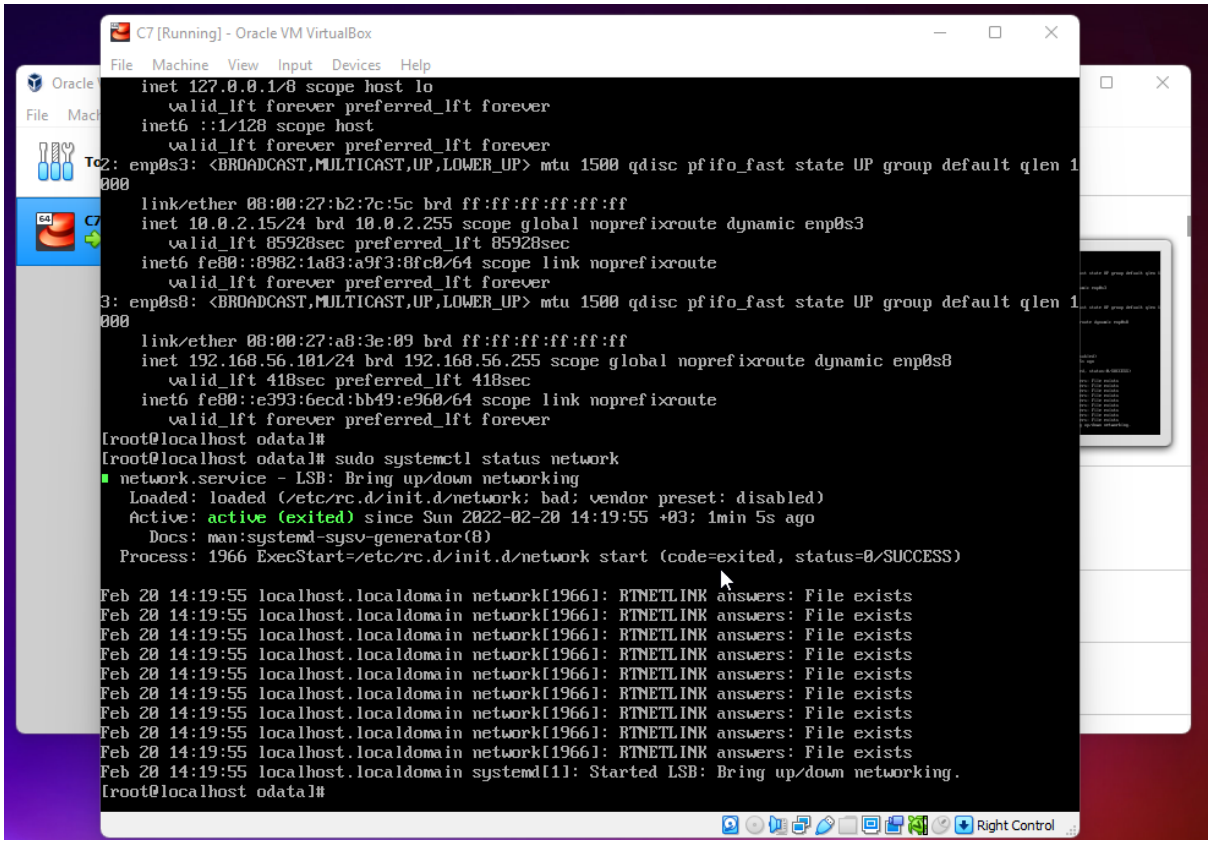

C7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
CONFIGURATION
CENTOS 7 INSTALLATION
tr
Help!
CentOS
USER SETTINGS
ROOT PASSWORD
Root password is set
USER CREATION
Administrator ostim will be created
Performing post-installation setup tasks
entOS Promotion SIG
omoting CentOS in events, conferences and everywhere!
i.centos.org/SpecialInterestGroup
Right Control

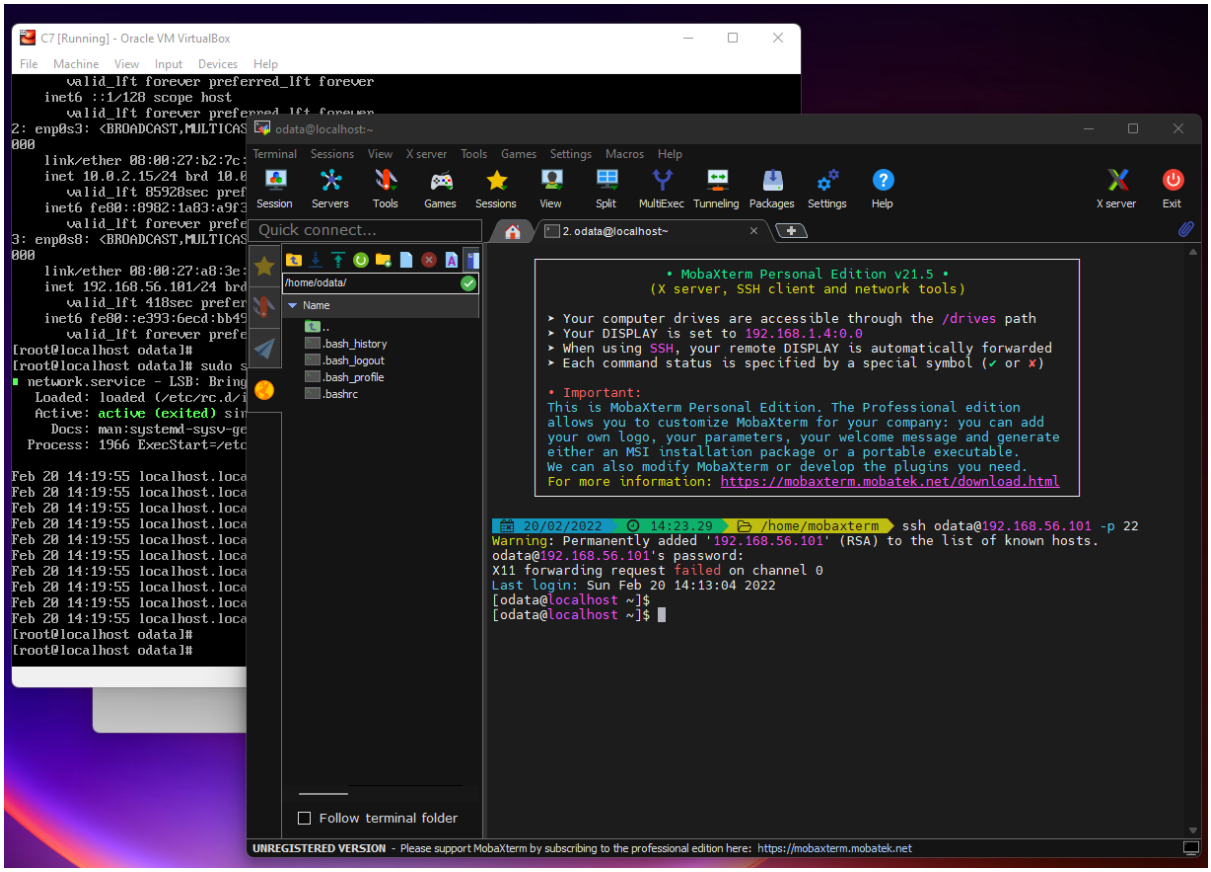

Oracle VM VirtualBox
File Machine Help
Tools
C7
Powered Off
C7 - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Fol
User Interfa
Network
Adapter 1
Adapter 2
Adapter 3
Adapter 4
Enable Network Adapter
Attached to: NAT
Port Forwarding Rules
Name Protocol Host IP Host Port Guest IP Guest Port
elasticsearch TCP 127.0.0.1 9200 9200
kibana TCP 127.0.0.1 5601 5601
ssh TCP 127.0.0.1 22 22
OK
Cancel

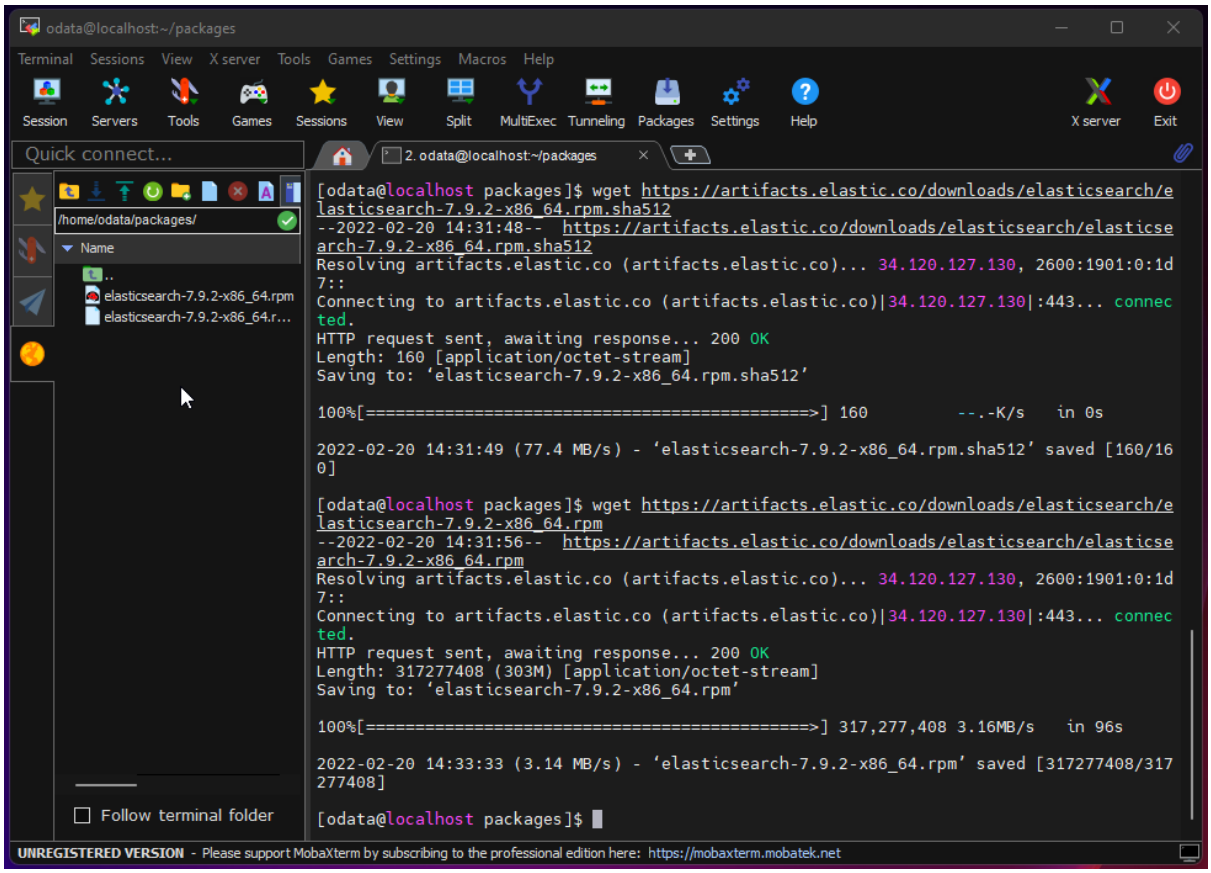

Oracle VM VirtualBox Mg
File Machine Help
Tools
C7
Powered Off
C7 - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
Network
Adapter 1
Adapter 2
Adapter 3
Adapter 4
Enable Network Adapter
Attached to: Host-only Adapter
Name: VirtualBox Host-Only Ethernet Adapter
Advanced
Adapter Type: Intel PRO/1000 MT Desktop (82540EM)
Promiscuous Mode: Deny
MAC Address: 080027A83E09
Cable Connected
Port Forwarding
OK
Cancel
C7


C7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
# This file controls the state of SELinux on the system.
# SELINUX= can take one of these three values:
#   enforcing - SELinux security policy is enforced.
#   permissive - SELinux prints warnings instead of enforcing.
#   disabled - No SELinux policy is loaded.
SELINUX=disabled
# SELINUXTYPE= can take one of three values:
#   targeted - Targeted processes are protected,
#   minimum - Modification of targeted policy. Only selected processes are protected.
#   mls - Multi Level Security protection.
SELINUXTYPE=targeted
-- INSERT --
Right Control


C7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
CentOS Linux 7 (Core)
Kernel 3.10.0-1160.el7.x86_64 on an x86_64
localhost login: odata
Password:
Last login: Sun Feb 20 16:50:47 on tty1
[odata@localhost ~]$
[odata@localhost ~]$ ip address
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host
valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
link/ether 08:00:27:b2:7c:5c brd ff:ff:ff:ff:ff:ff
inet 10.0.2.15/24 brd 10.0.2.255 scope global noprefixroute dynamic enp0s3
valid_lft 86362sec preferred_lft 86362sec
inet6 fe80::8982:1a83:a9f3:8fc0/64 scope link noprefixroute
valid_lft forever preferred_lft forever
3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
link/ether 08:00:27:a8:3e:09 brd ff:ff:ff:ff:ff:ff
inet 192.168.56.101/24 brd 192.168.56.255 scope global noprefixroute dynamic enp0s8
valid_lft 562sec preferred_lft 562sec
inet6 fe80::e393:6ecd:bb49:e960/64 scope link noprefixroute
valid_lft forever preferred_lft forever
[odata@localhost ~]$
[odata@localhost ~]$ sudo systemctl status network
Right Control


C7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host
valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
link/ether 08:00:27:b2:7c:5c brd ff:ff:ff:ff:ff:ff
inet 10.0.2.15/24 brd 10.0.2.255 scope global noprefixroute dynamic enp0s3
valid_lft 85928sec preferred_lft 85928sec
inet6 fe80::8982:1a83:a9f3:8fc0/64 scope link noprefixroute
valid_lft forever preferred_lft forever
3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
link/ether 08:00:27:a8:3e:09 brd ff:ff:ff:ff:ff:ff
inet 192.168.56.101/24 brd 192.168.56.255 scope global noprefixroute dynamic enp0s8
valid_lft 418sec preferred_lft 418sec
inet6 fe80::e393:6ecd:bb49:e960/64 scope link noprefixroute
valid_lft forever preferred_lft forever
[root@localhost odata]#
[root@localhost odata]# sudo systemctl status network
network.service - LSB: Bring up/down networking
Loaded: loaded (/etc/rc.d/init.d/network; bad; vendor preset: disabled)
Active: active (exited) since Sun 2022-02-20 14:19:55 +03; 1min 5s ago
Docs: man:systemd-sysv-generator(8)
Process: 1966 ExecStart=/etc/rc.d/init.d/network start (code=exited, status=0/SUCCESS)
Feb 20 14:19:55 localhost.localdomain network[1966]: RTNETLINK answers: File exists
Feb 20 14:19:55 localhost.localdomain network[1966]: RTNETLINK answers: File exists
Feb 20 14:19:55 localhost.localdomain network[1966]: RTNETLINK answers: File exists
Feb 20 14:19:55 localhost.localdomain network[1966]: RTNETLINK answers: File exists
Feb 20 14:19:55 localhost.localdomain network[1966]: RTNETLINK answers: File exists
Feb 20 14:19:55 localhost.localdomain network[1966]: RTNETLINK answers: File exists
Feb 20 14:19:55 localhost.localdomain network[1966]: RTNETLINK answers: File exists
Feb 20 14:19:55 localhost.localdomain network[1966]: RTNETLINK answers: File exists
Feb 20 14:19:55 localhost.localdomain network[1966]: RTNETLINK answers: File exists
Feb 20 14:19:55 localhost.localdomain systemd[1]: Started LSB: Bring up/down networking.
[root@localhost odata]#
Right Control


C7 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host
valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAS
000
link/ether 08:00:27:b2:7c:
inet 10.0.2.15/24 brd 10.0
valid_lft 85928sec pref
inet6 fe80::0982:1a83:a9f3
valid_lft forever prefe
3: enp0s8: <BROADCAST,MULTICAS
000
link/ether 08:00:27:a8:3e:
inet 192.168.56.101/24 brd
valid_lft 418sec prefer
inet6 fe80::e393:6ecd:bb49
valid_lft forever prefe
[root@localhost odata]#
[root@localhost odata]# sudo s
network.service - LSB: Bring
Loaded: loaded (/etc/rc.d/i
Active: active (exited) sin
Docs: man:systemd-sysv-ge
Process: 1966 ExecStart=/etc
Feb 20 14:19:55 localhost.loca
Feb 20 14:19:55 localhost.loca
Feb 20 14:19:55 localhost.loca
Feb 20 14:19:55 localhost.loca
Feb 20 14:19:55 localhost.loca
Feb 20 14:19:55 localhost.loca
Feb 20 14:19:55 localhost.loca
Feb 20 14:19:55 localhost.loca
Feb 20 14:19:55 localhost.loca
Feb 20 14:19:55 localhost.loca
[root@localhost odata]#
[root@localhost odata]#
odata@localhost:~
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server Exit
Quick connect...
2. odata@localhost~
/home/odata/
Name
..
.bash_history
.bash_logout
.bash_profile
.bashrc
Follow terminal folder
• MobaXterm Personal Edition v21.5 •
(X server, SSH client and network tools)
▸ Your computer drives are accessible through the /drives path
▸ Your DISPLAY is set to 192.168.1.4:0.0
▸ When using SSH, your remote DISPLAY is automatically forwarded
▸ Each command status is specified by a special symbol (✔ or ✘)
• Important:
This is MobaXterm Personal Edition. The Professional edition
allows you to customize MobaXterm for your company: you can add
your own logo, your parameters, your welcome message and generate
either an MSI installation package or a portable executable.
We can also modify MobaXterm or develop the plugins you need.
For more information: https://mobaxterm.mobatek.net/download.html
20/02/2022 14:23.29 /home/mobaxterm ssh odata@192.168.56.101 -p 22
Warning: Permanently added '192.168.56.101' (RSA) to the list of known hosts.
odata@192.168.56.101's password:
X11 forwarding request failed on channel 0
Last login: Sun Feb 20 14:13:04 2022
[odata@localhost ~]$
[odata@localhost ~]$
UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: https://mobaxterm.mobatek.net


odata@localhost:~/packages
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server Exit
Quick connect...
2. odata@localhost:~/packages
/home/odata/packages/
Name
..
elasticsearch-7.9.2-x86_64.rpm
elasticsearch-7.9.2-x86_64.r...
Follow terminal folder
[odata@localhost packages]$ wget https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-7.9.2-x86_64.rpm.sha512
--2022-02-20 14:31:48-- https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-7.9.2-x86_64.rpm.sha512
Resolving artifacts.elastic.co (artifacts.elastic.co)... 34.120.127.130, 2600:1901:0:1d7::
Connecting to artifacts.elastic.co (artifacts.elastic.co)|34.120.127.130|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 160 [application/octet-stream]
Saving to: 'elasticsearch-7.9.2-x86_64.rpm.sha512'
100%[==========>] 160 --.-K/s in 0s
2022-02-20 14:31:49 (77.4 MB/s) - 'elasticsearch-7.9.2-x86_64.rpm.sha512' saved [160/160]
[odata@localhost packages]$ wget https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-7.9.2-x86_64.rpm
--2022-02-20 14:31:56-- https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-7.9.2-x86_64.rpm
Resolving artifacts.elastic.co (artifacts.elastic.co)... 34.120.127.130, 2600:1901:0:1d7::
Connecting to artifacts.elastic.co (artifacts.elastic.co)|34.120.127.130|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 317277408 (303M) [application/octet-stream]
Saving to: 'elasticsearch-7.9.2-x86_64.rpm'
100%[==========>] 317,277,408 3.16MB/s in 96s
2022-02-20 14:33:33 (3.14 MB/s) - 'elasticsearch-7.9.2-x86_64.rpm' saved [317277408/317277408]
[odata@localhost packages]$
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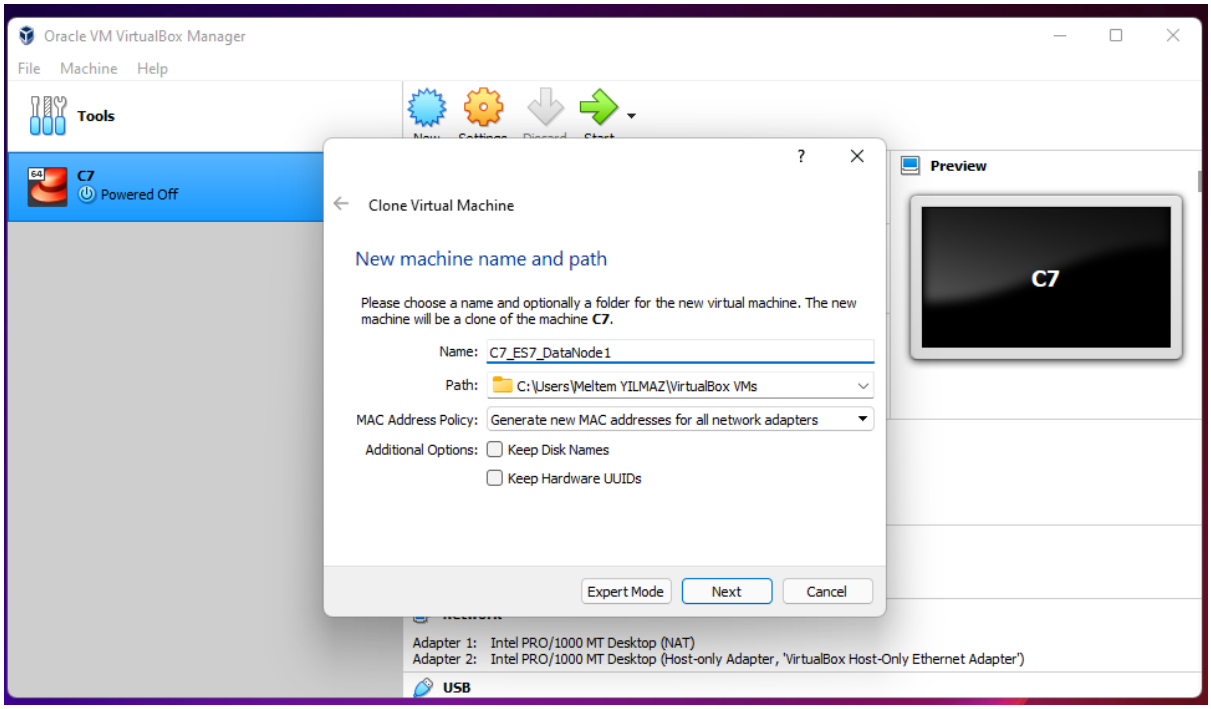
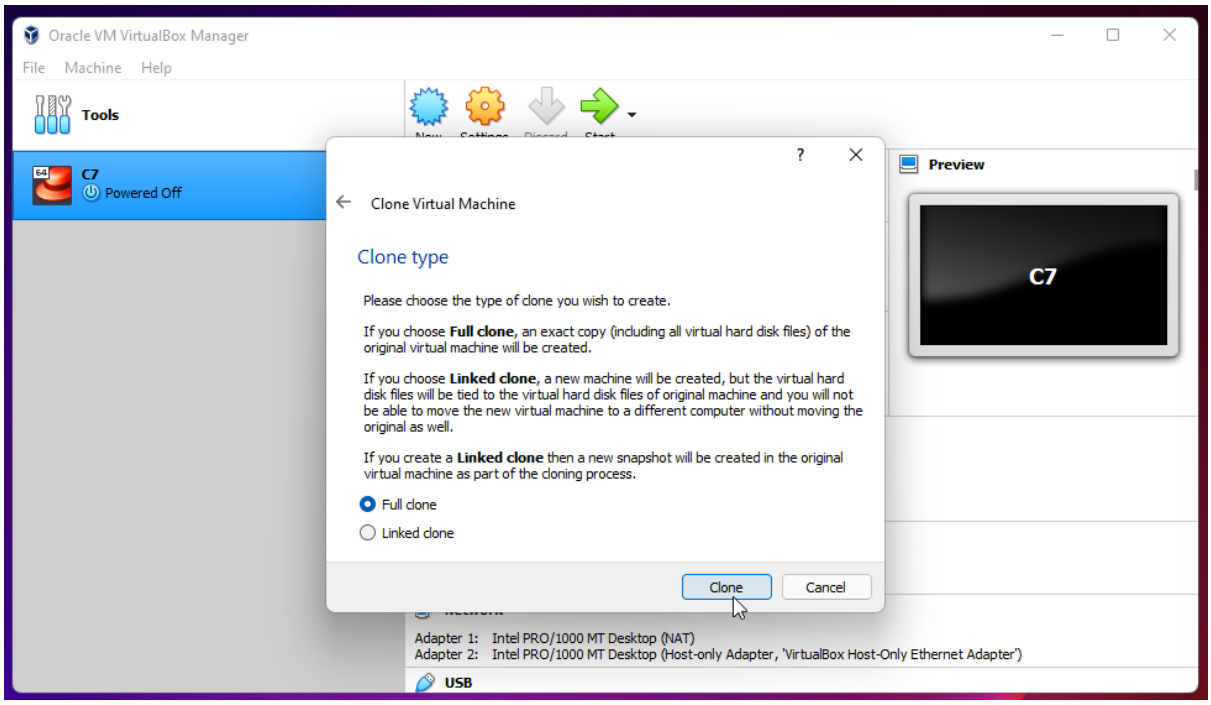
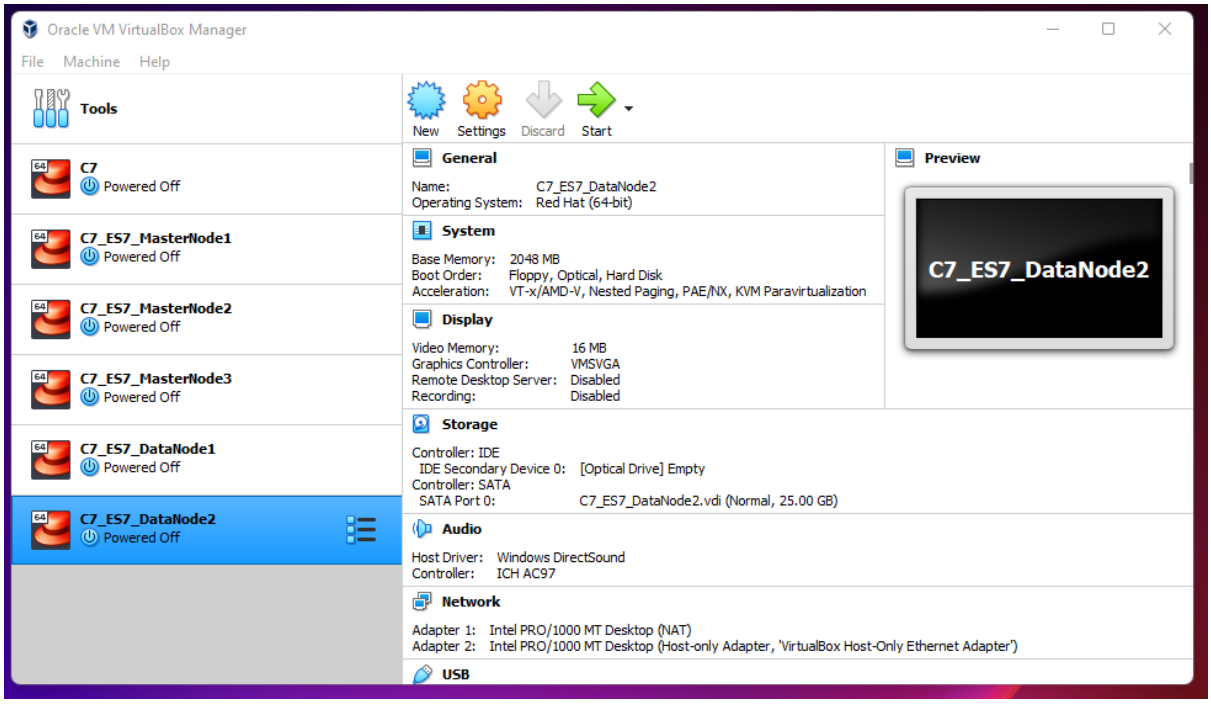
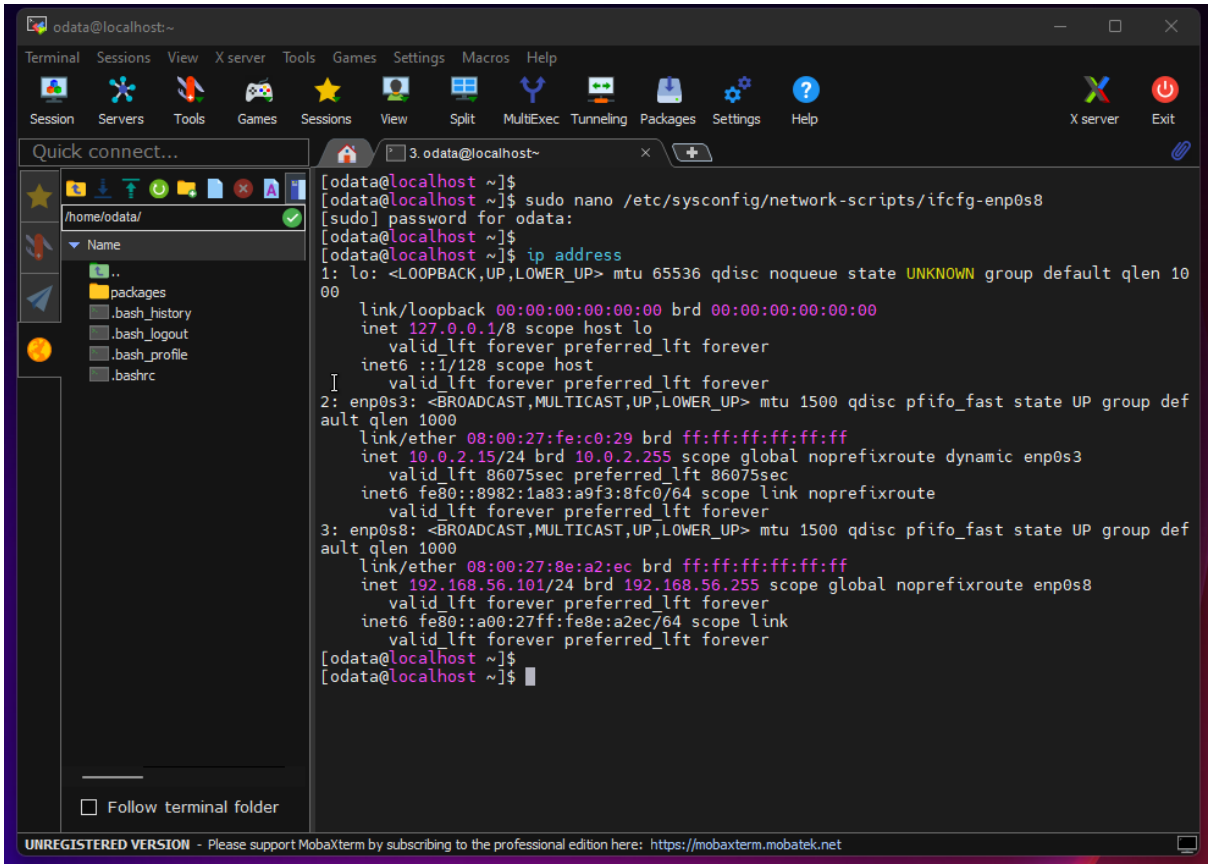

Oracle VM VirtualBox Manager
File Machine Help
Tools
C7
Powered Off
Clone Virtual Machine
New machine name and path
Please choose a name and optionally a folder for the new virtual machine. The new machine will be a clone of the machine C7.
Name: C7_ES7_DataNode1
Path: C:\Users\Meltem YILMAZ\VirtualBox VMs
MAC Address Policy: Generate new MAC addresses for all network adapters
Additional Options: Keep Disk Names
Keep Hardware UUIDs
Expert Mode
Next
Cancel
Preview
C7
Adapter 1: Intel PRO/1000 MT Desktop (NAT)
Adapter 2: Intel PRO/1000 MT Desktop (Host-only Adapter, 'VirtualBox Host-Only Ethernet Adapter')
USB


Oracle VM VirtualBox Manager
File Machine Help
Tools
C7
Powered Off
Clone Virtual Machine
Clone type
Please choose the type of clone you wish to create.
If you choose Full clone, an exact copy (including all virtual hard disk files) of the original virtual machine will be created.
If you choose Linked clone, a new machine will be created, but the virtual hard disk files will be tied to the virtual hard disk files of original machine and you will not be able to move the new virtual machine to a different computer without moving the original as well.
If you create a Linked clone then a new snapshot will be created in the original virtual machine as part of the cloning process.
Full clone
Linked clone
Clone
Cancel
Preview
C7
Adapter 1: Intel PRO/1000 MT Desktop (NAT)
Adapter 2: Intel PRO/1000 MT Desktop (Host-only Adapter, 'VirtualBox Host-Only Ethernet Adapter')
USB


Oracle VM VirtualBox Manager
File Machine Help
Tools
New Settings Discard Start
C7
Powered Off
C7_ES7_MasterNode1
Powered Off
C7_ES7_MasterNode2
Powered Off
C7_ES7_MasterNode3
Powered Off
C7_ES7_DataNode1
Powered Off
C7_ES7_DataNode2
Powered Off
General
Name: C7_ES7_DataNode2
Operating System: Red Hat (64-bit)
System
Base Memory: 2048 MB
Boot Order: Floppy, Optical, Hard Disk
Acceleration: VT-x/AMD-V, Nested Paging, PAE/NX, KVM Paravirtualization
Display
Video Memory: 16 MB
Graphics Controller: VMSVGA
Remote Desktop Server: Disabled
Recording: Disabled
Storage
Controller: IDE
IDE Secondary Device 0: [Optical Drive] Empty
Controller: SATA
SATA Port 0: C7_ES7_DataNode2.vdi (Normal, 25.00 GB)
Audio
Host Driver: Windows DirectSound
Controller: ICH AC97
Network
Adapter 1: Intel PRO/1000 MT Desktop (NAT)
Adapter 2: Intel PRO/1000 MT Desktop (Host-only Adapter, 'VirtualBox Host-Only Ethernet Adapter')
USB
Preview
C7_ES7_DataNode2


odata@localhost:~
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help X server Exit
Quick connect...
3. odata@localhost~
/home/odata/
Name
..
packages
.bash_history
.bash_logout
.bash_profile
.bashrc
Follow terminal folder
[odata@localhost ~]$
[odata@localhost ~]$ sudo nano /etc/sysconfig/network-scripts/ifcfg-enp0s8
[sudo] password for odata:
[odata@localhost ~]$
[odata@localhost ~]$ ip address
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host
valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
link/ether 08:00:27:fe:c0:29 brd ff:ff:ff:ff:ff:ff
inet 10.0.2.15/24 brd 10.0.2.255 scope global noprefixroute dynamic enp0s3
valid_lft 86075sec preferred_lft 86075sec
inet6 fe80::8982:1a83:a9f3:8fc0/64 scope link noprefixroute
valid_lft forever preferred_lft forever
3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
link/ether 08:00:27:8e:a2:ec brd ff:ff:ff:ff:ff:ff
inet 192.168.56.101/24 brd 192.168.56.255 scope global noprefixroute enp0s8
valid_lft forever preferred_lft forever
inet6 fe80::a00:27ff:fe8e:a2ec/64 scope link
valid_lft forever preferred_lft forever
[odata@localhost ~]$
[odata@localhost ~]$
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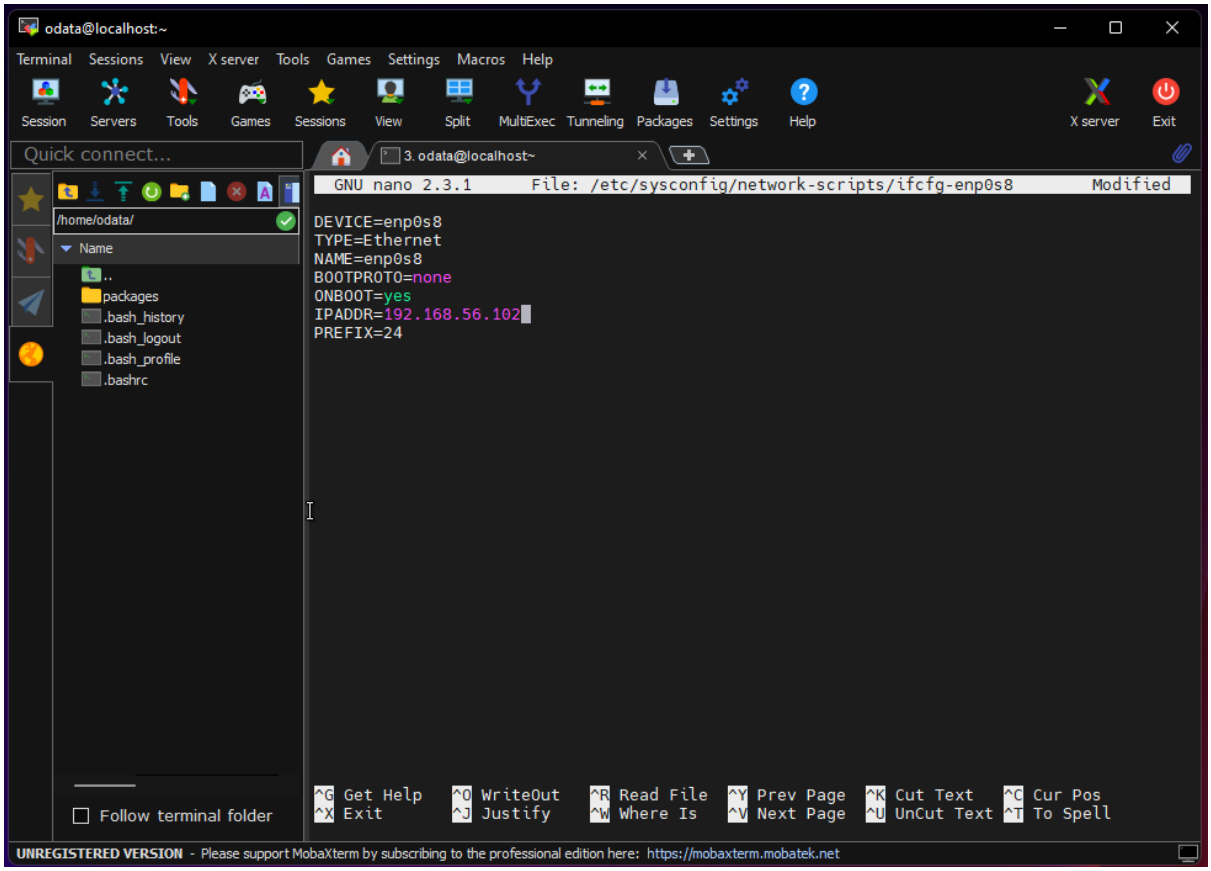
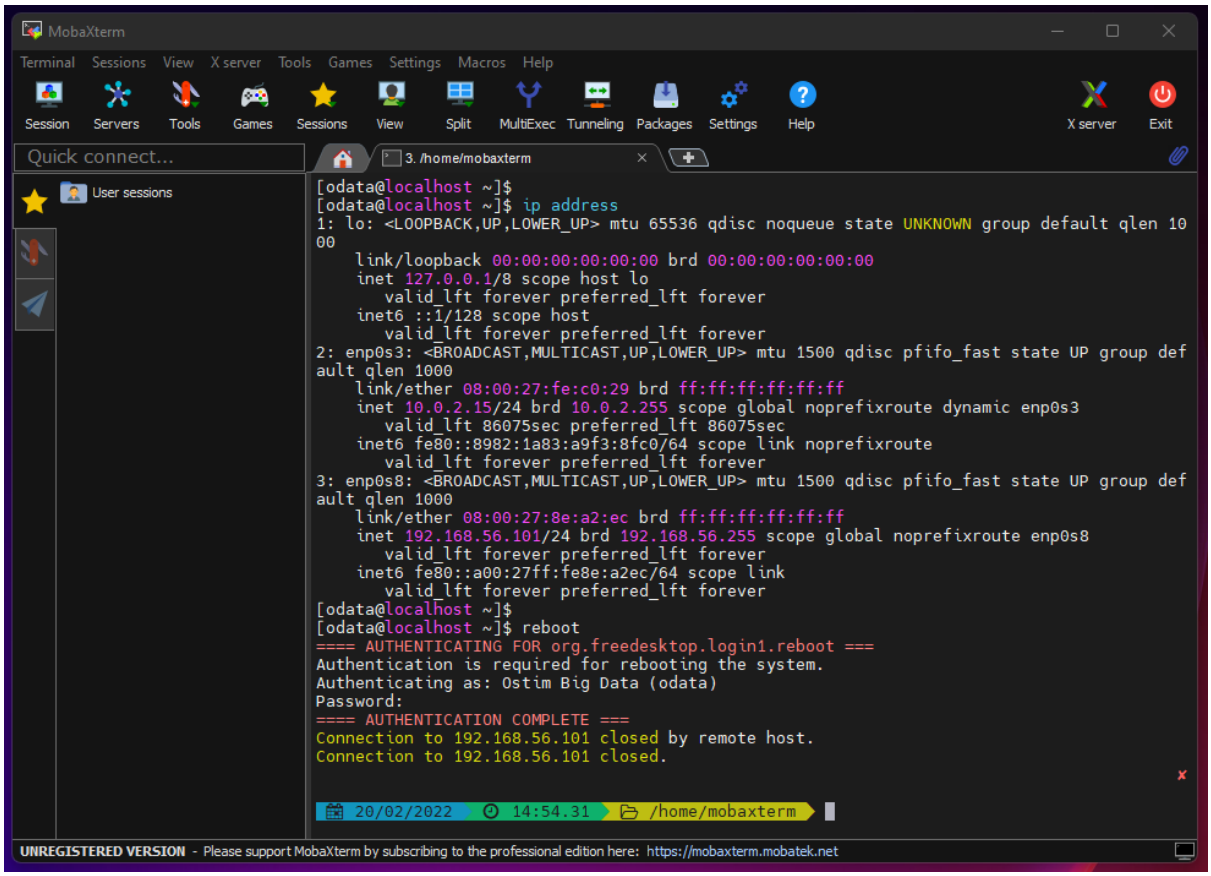
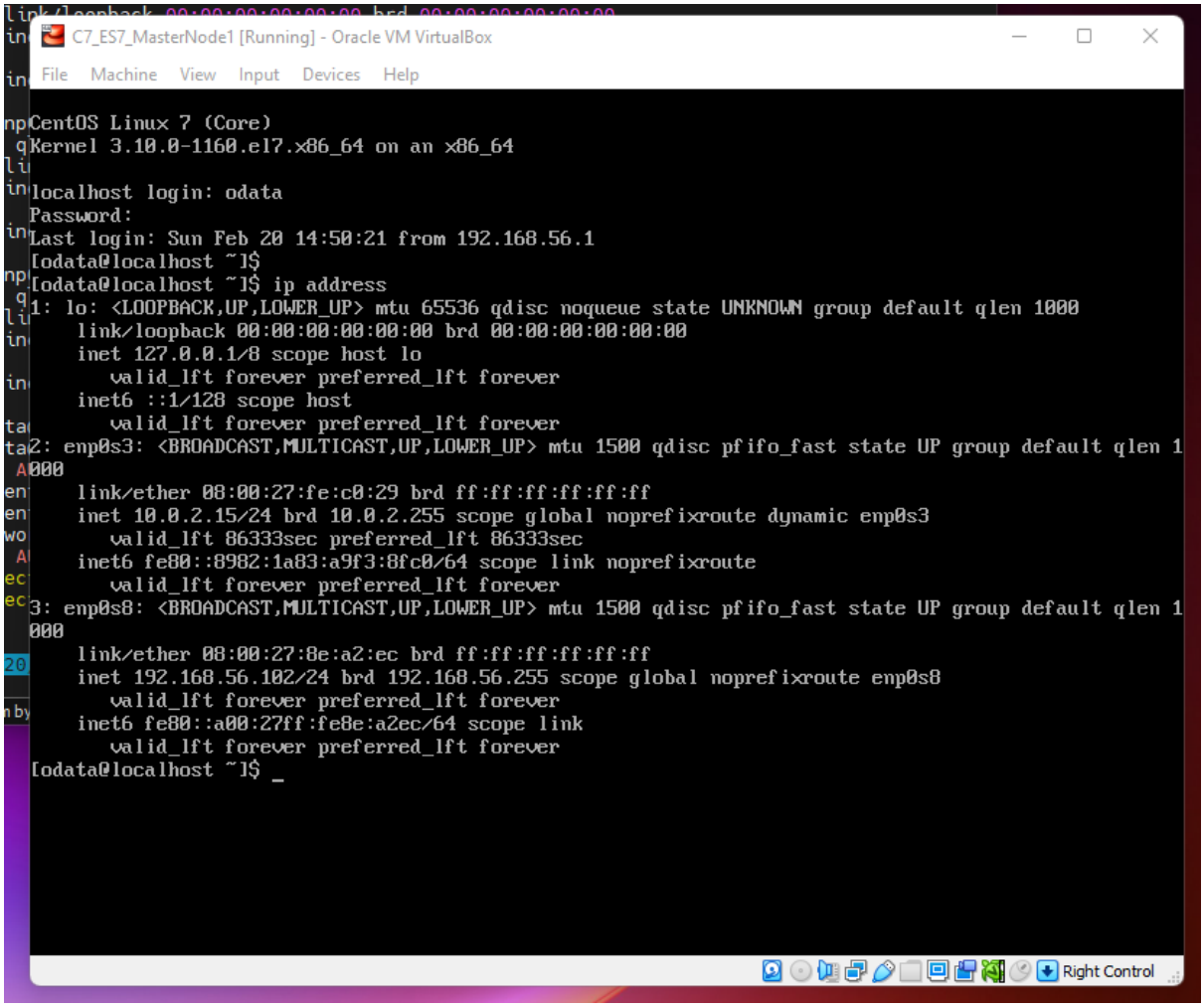
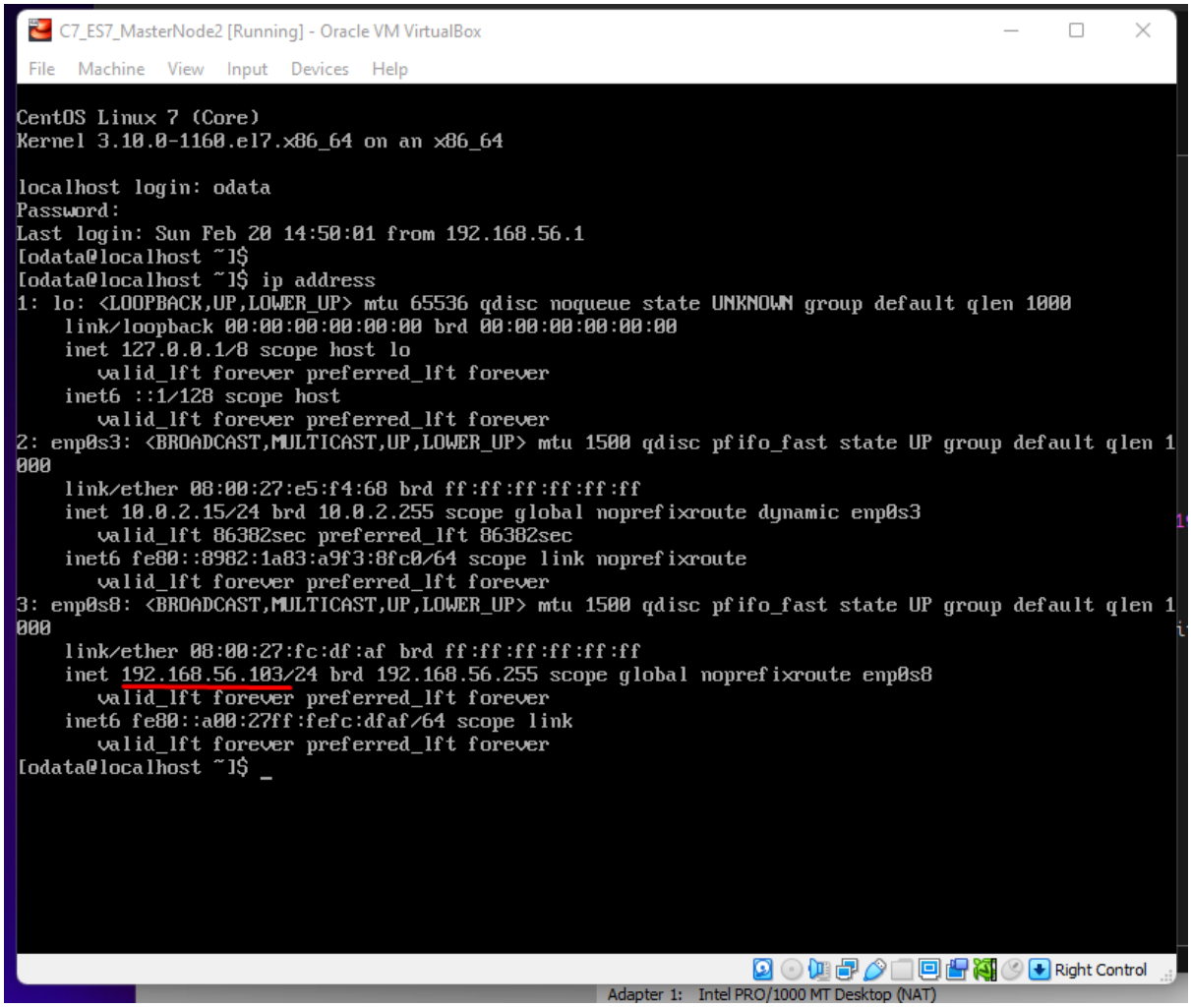

odata@localhost:~
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help X server Exit
Quick connect...
3. odata@localhost~
/home/odata/
Name
..
packages
.bash_history
.bash_logout
.bash_profile
.bashrc
Follow terminal folder
GNU nano 2.3.1 File: /etc/sysconfig/network-scripts/ifcfg-enp0s8 Modified
DEVICE=enp0s8
TYPE=Ethernet
NAME=enp0s8
BOOTPROTO=none
ONBOOT=yes
IPADDR=192.168.56.102
PREFIX=24
^G Get Help ^O WriteOut ^R Read File ^Y Prev Page ^K Cut Text ^C Cur Pos
^X Exit ^J Justify ^W Where Is ^V Next Page ^U UnCut Text ^T To Spell
UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: https://mobaxterm.mobatek.net


MobaXterm
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help X server Exit
Quick connect...
3. /home/mobaxterm
User sessions
[odata@localhost ~]$
[odata@localhost ~]$ ip address
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host
valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
link/ether 08:00:27:fe:c0:29 brd ff:ff:ff:ff:ff:ff
inet 10.0.2.15/24 brd 10.0.2.255 scope global noprefixroute dynamic enp0s3
valid_lft 86075sec preferred_lft 86075sec
inet6 fe80::8982:1a83:a9f3:8fc0/64 scope link noprefixroute
valid_lft forever preferred_lft forever
3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
link/ether 08:00:27:8e:a2:ec brd ff:ff:ff:ff:ff:ff
inet 192.168.56.101/24 brd 192.168.56.255 scope global noprefixroute enp0s8
valid_lft forever preferred_lft forever
inet6 fe80::a00:27ff:fe8e:a2ec/64 scope link
valid_lft forever preferred_lft forever
[odata@localhost ~]$
[odata@localhost ~]$ reboot
==== AUTHENTICATING FOR org.freedesktop.login1.reboot ===
Authentication is required for rebooting the system.
Authenticating as: Ostim Big Data (odata)
Password:
==== AUTHENTICATION COMPLETE ===
Connection to 192.168.56.101 closed by remote host.
Connection to 192.168.56.101 closed.
20/02/2022 14:54.31 /home/mobaxterm
UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: https://mobaxterm.mobatek.net


C7_ES7_MasterNode1 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
CentOS Linux 7 (Core)
Kernel 3.10.0-1160.el7.x86_64 on an x86_64
localhost login: odata
Password:
Last login: Sun Feb 20 14:50:21 from 192.168.56.1
[odata@localhost ~]$
[odata@localhost ~]$ ip address
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host
valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
link/ether 08:00:27:fe:c0:29 brd ff:ff:ff:ff:ff:ff
inet 10.0.2.15/24 brd 10.0.2.255 scope global noprefixroute dynamic enp0s3
valid_lft 86333sec preferred_lft 86333sec
inet6 fe80::8982:1a83:a9f3:8fc0/64 scope link noprefixroute
valid_lft forever preferred_lft forever
3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
link/ether 08:00:27:8e:a2:ec brd ff:ff:ff:ff:ff:ff
inet 192.168.56.102/24 brd 192.168.56.255 scope global noprefixroute enp0s8
valid_lft forever preferred_lft forever
inet6 fe80::a00:27ff:fe8e:a2ec/64 scope link
valid_lft forever preferred_lft forever
[odata@localhost ~]$
Right Control



MasterNode1: 192.168.56.102

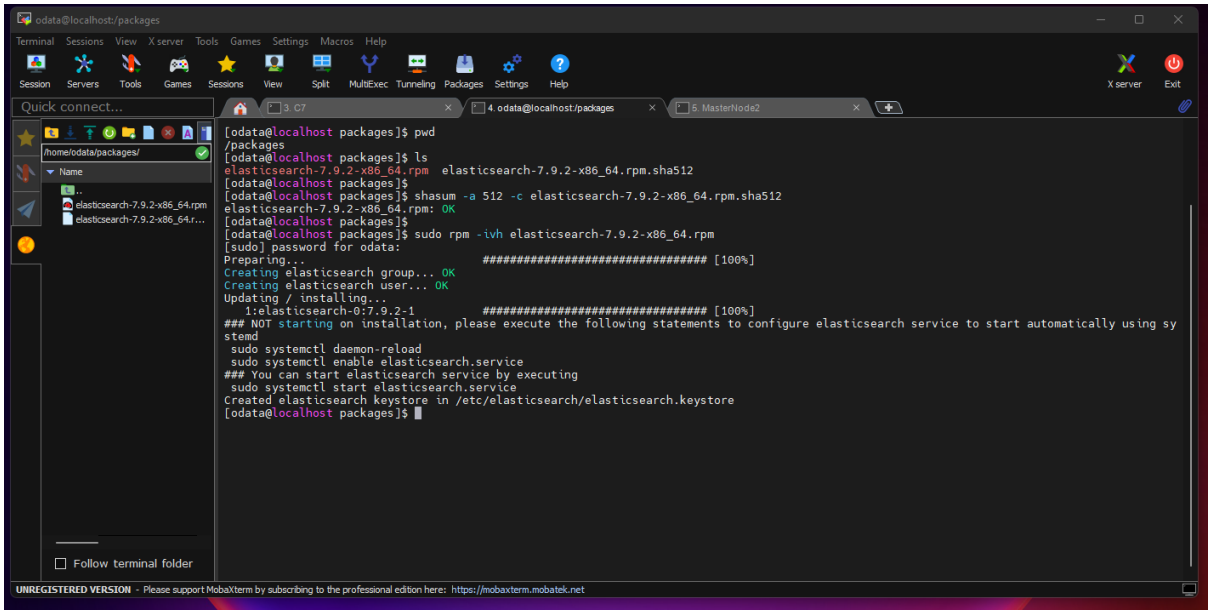
MasterNode1: 192.168.56.103

MasterNode1: 192.168.56.104

DataNode1: 192.168.56.105

DataNode2: 192.168.56.106

DataNode2: 192.168.56.107


odata@localhost:/packages
[odata@localhost packages]$ pwd
/packages
[odata@localhost packages]$ ls
elasticsearch-7.9.2-x86_64.rpm elasticsearch-7.9.2-x86_64.rpm.sha512
[odata@localhost packages]$
[odata@localhost packages]$ shasum -a 512 -c elasticsearch-7.9.2-x86_64.rpm.sha512
elasticsearch-7.9.2-x86_64.rpm: OK
[odata@localhost packages]$
[odata@localhost packages]$ sudo rpm -ivh elasticsearch-7.9.2-x86_64.rpm
[sudo] password for odata:
Preparing...   ################################# [100%]
Creating elasticsearch group... OK
Creating elasticsearch user... OK
Updating / installing...
   1:elasticsearch-0:7.9.2-1   ################################# [100%]
NOT starting on installation, please execute the following statements to configure elasticsearch service to start automatically using sy
stemd
 sudo systemctl daemon-reload
 sudo systemctl enable elasticsearch.service
You can start elasticsearch service by executing
 sudo systemctl start elasticsearch.service
Created elasticsearch keystore in /etc/elasticsearch/elasticsearch.keystore
[odata@localhost packages]$
Follow terminal folder
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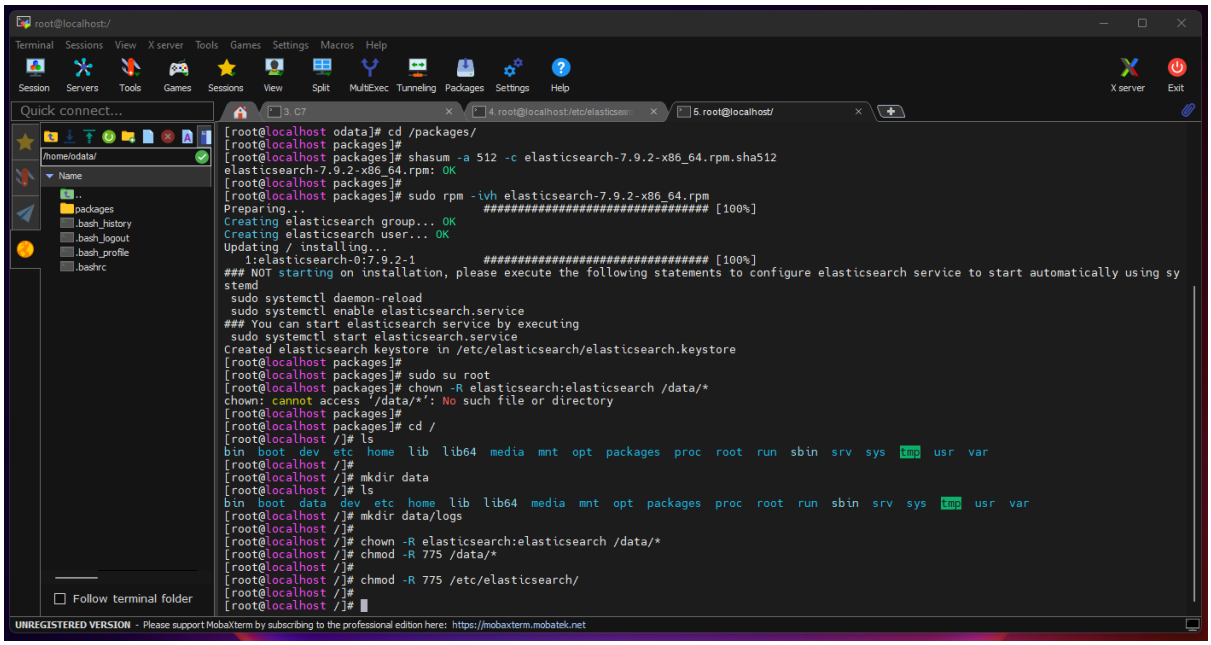
root@localhost:/
[root@localhost odata]# cd /packages/
[root@localhost packages]#
[root@localhost packages]# shasum -a 512 -c elasticsearch-7.9.2-x86_64.rpm.sha512
elasticsearch-7.9.2-x86_64.rpm: OK
[root@localhost packages]#
[root@localhost packages]# sudo rpm -ivh elasticsearch-7.9.2-x86_64.rpm
Preparing...   ################################# [100%]
Creating elasticsearch group... OK
Creating elasticsearch user... OK
Updating / installing...
   1:elasticsearch-0:7.9.2-1   ################################# [100%]
NOT starting on installation, please execute the following statements to configure elasticsearch service to start automatically using sy
stemd
 sudo systemctl daemon-reload
 sudo systemctl enable elasticsearch.service
You can start elasticsearch service by executing
 sudo systemctl start elasticsearch.service
Created elasticsearch keystore in /etc/elasticsearch/elasticsearch.keystore
[root@localhost packages]#
[root@localhost packages]# sudo su root
[root@localhost packages]# chown -R elasticsearch:elasticsearch /data/*
chown: cannot access '/data/*': No such file or directory
[root@localhost packages]#
[root@localhost packages]# cd /
[root@localhost /]# ls
bin boot dev etc home lib lib64 media mnt opt packages proc root run sbin srv sys tmp usr var
[root@localhost /]#
[root@localhost /]# mkdir data
[root@localhost /]# ls
bin boot data dev etc home lib lib64 media mnt opt packages proc root run sbin srv sys tmp usr var
[root@localhost /]# mkdir data/logs
[root@localhost /]#
[root@localhost /]# chown -R elasticsearch:elasticsearch /data/*
[root@localhost /]# chmod -R 775 /data/*
[root@localhost /]#
[root@localhost /]# chmod -R 775 /etc/elasticsearch/
[root@localhost /]#
[root@localhost /]#
Follow terminal folder
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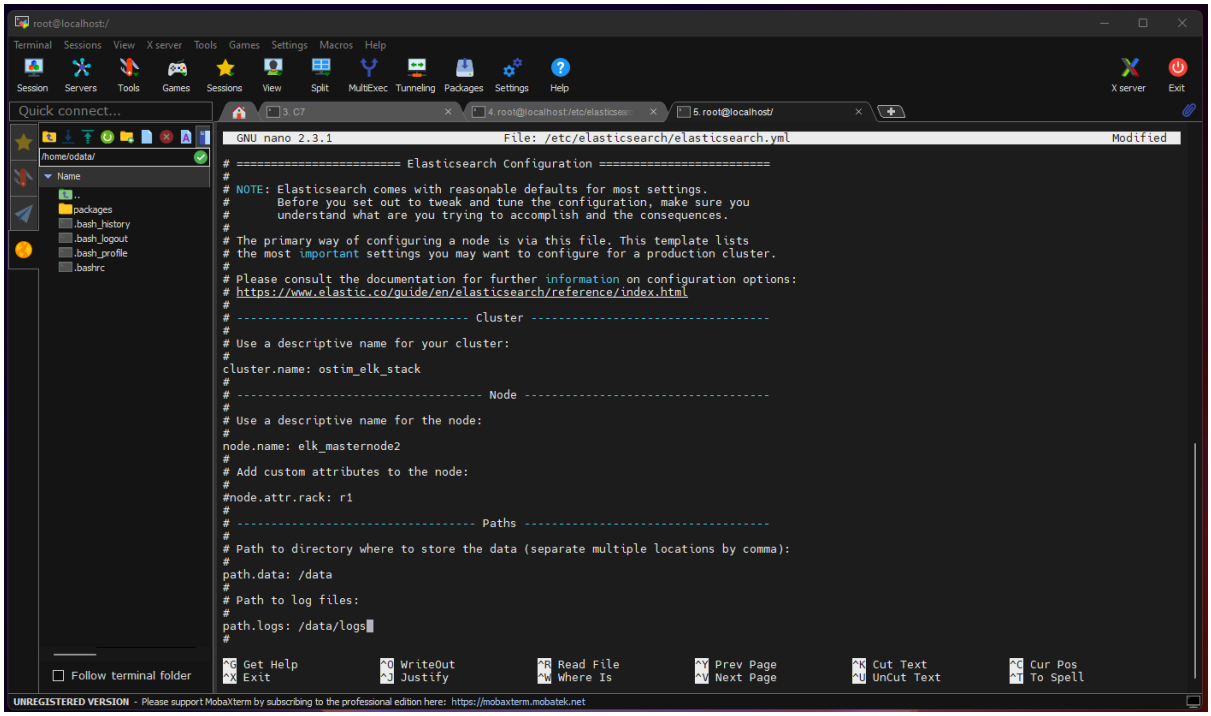
root@localhost:/
GNU nano 2.3.1 File: /etc/elasticsearch/elasticsearch.yml Modified
======================== Elasticsearch Configuration =========================
#
NOTE: Elasticsearch comes with reasonable defaults for most settings.
Before you set out to tweak and tune the configuration, make sure you
understand what are you trying to accomplish and the consequences.
#
The primary way of configuring a node is via this file. This template lists
the most important settings you may want to configure for a production cluster.
#
Please consult the documentation for further information on configuration options:
https://www.elastic.co/guide/en/elasticsearch/reference/index.html
#
---------------------------------- Cluster -----------------------------------
#
Use a descriptive name for your cluster:
#
cluster.name: ostim_elk_stack
#
------------------------------------ Node ------------------------------------
#
Use a descriptive name for the node:
#
node.name: elk_masternode2
#
Add custom attributes to the node:
#
#node.attr.rack: r1
#
----------------------------------- Paths ------------------------------------
#
Path to directory where to store the data (separate multiple locations by comma):
#
path.data: /data
#
Path to log files:
#
path.logs: /data/logs
#
^G Get Help ^O WriteOut ^R Read File ^Y Prev Page ^K Cut Text ^C Cur Pos
^X Exit ^J Justify ^W Where Is ^V Next Page ^U UnCut Text ^T To Spell
Follow terminal folder
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