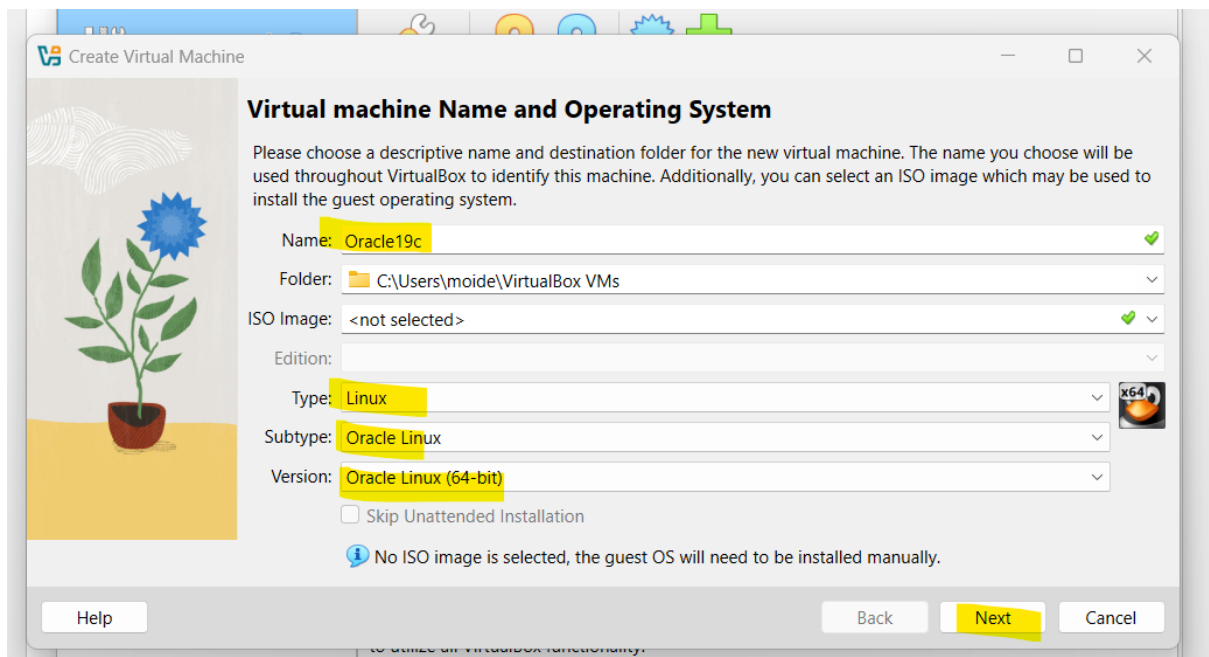
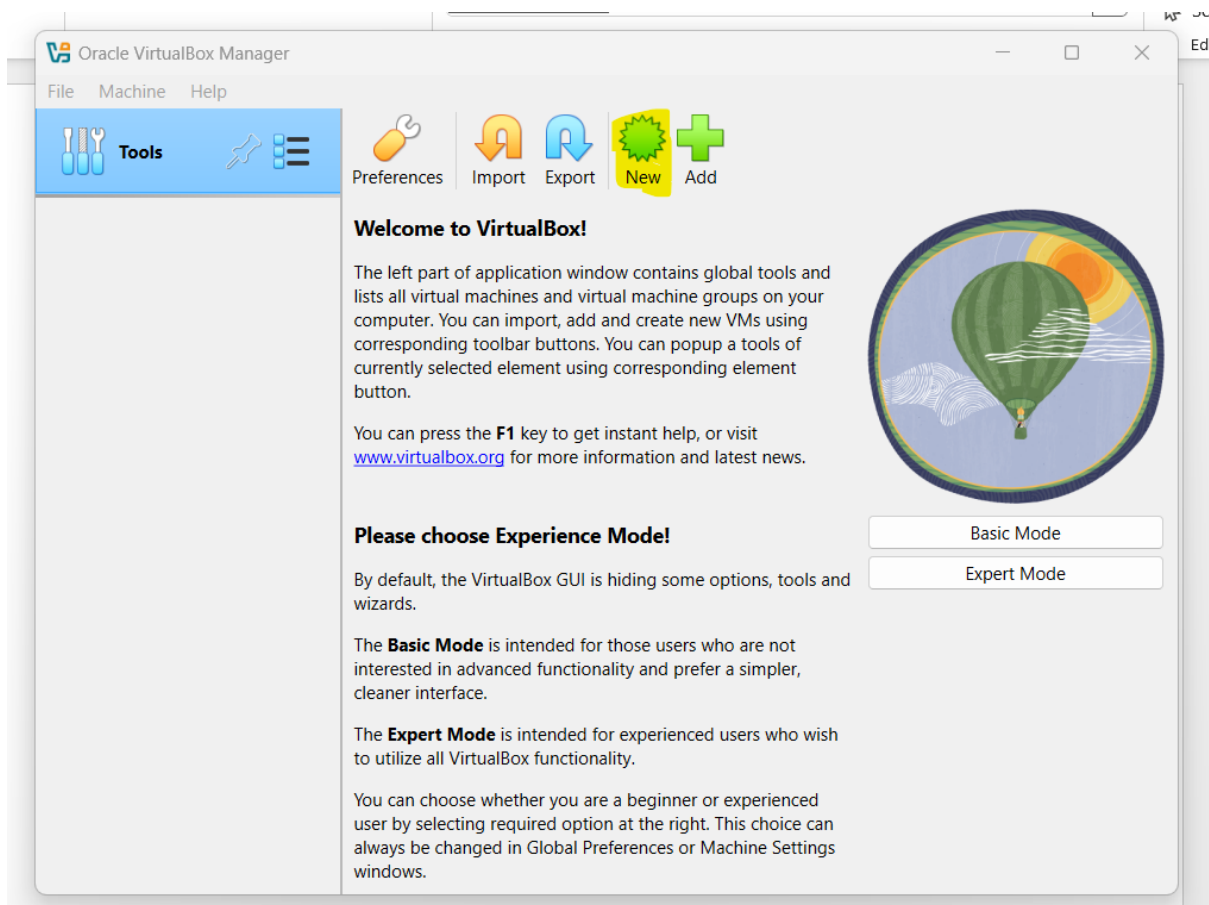
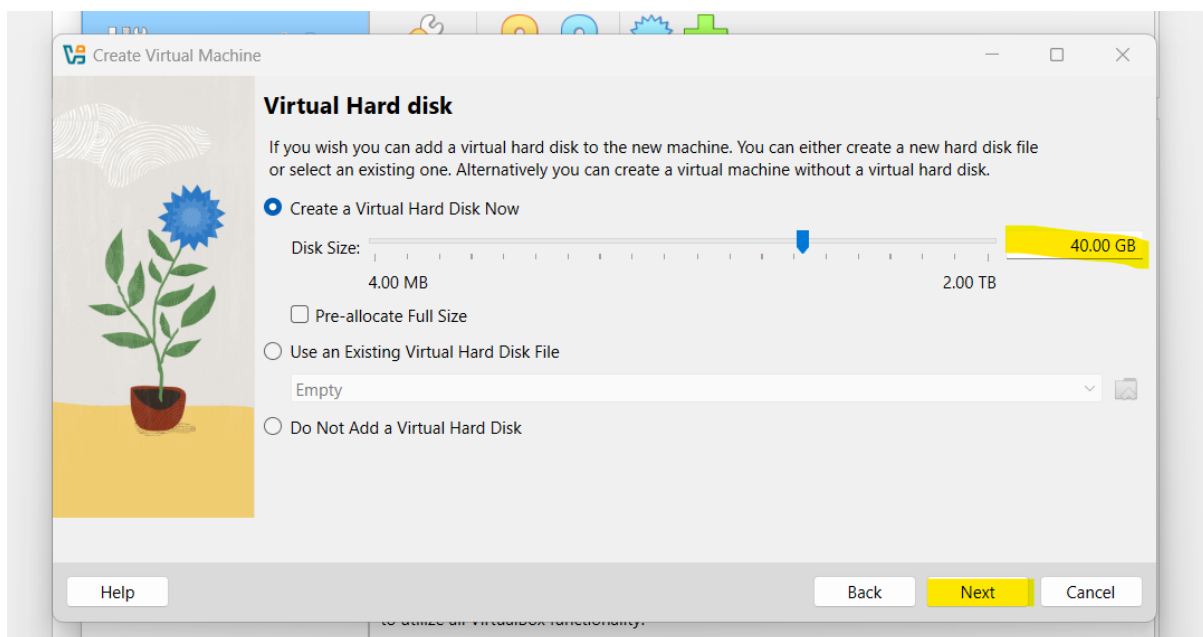
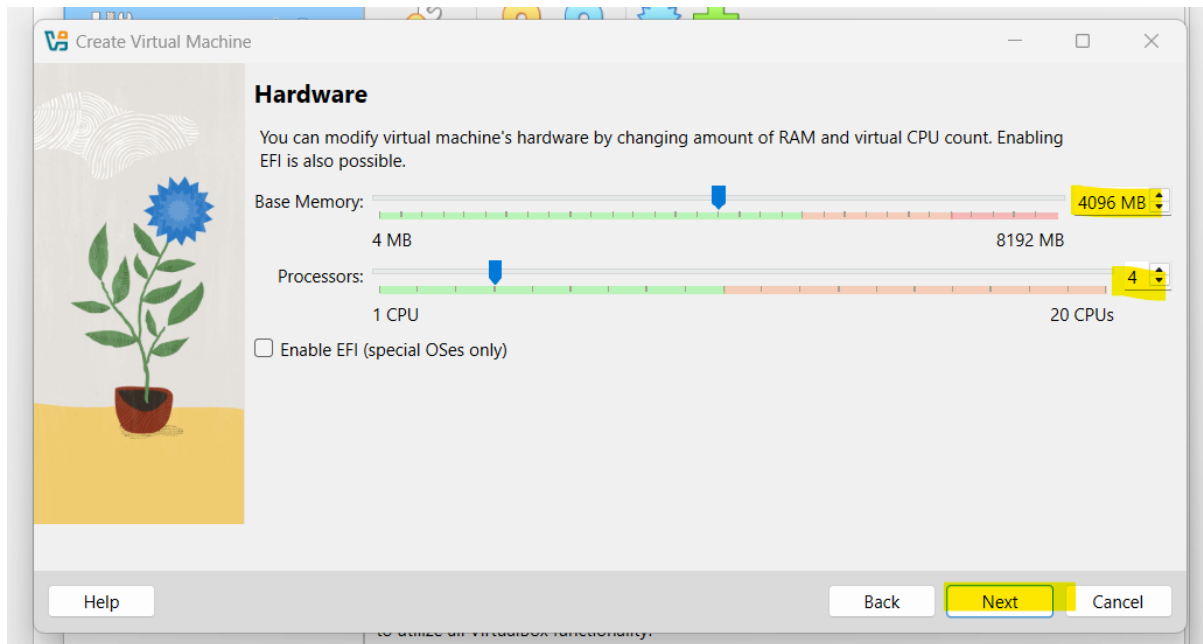
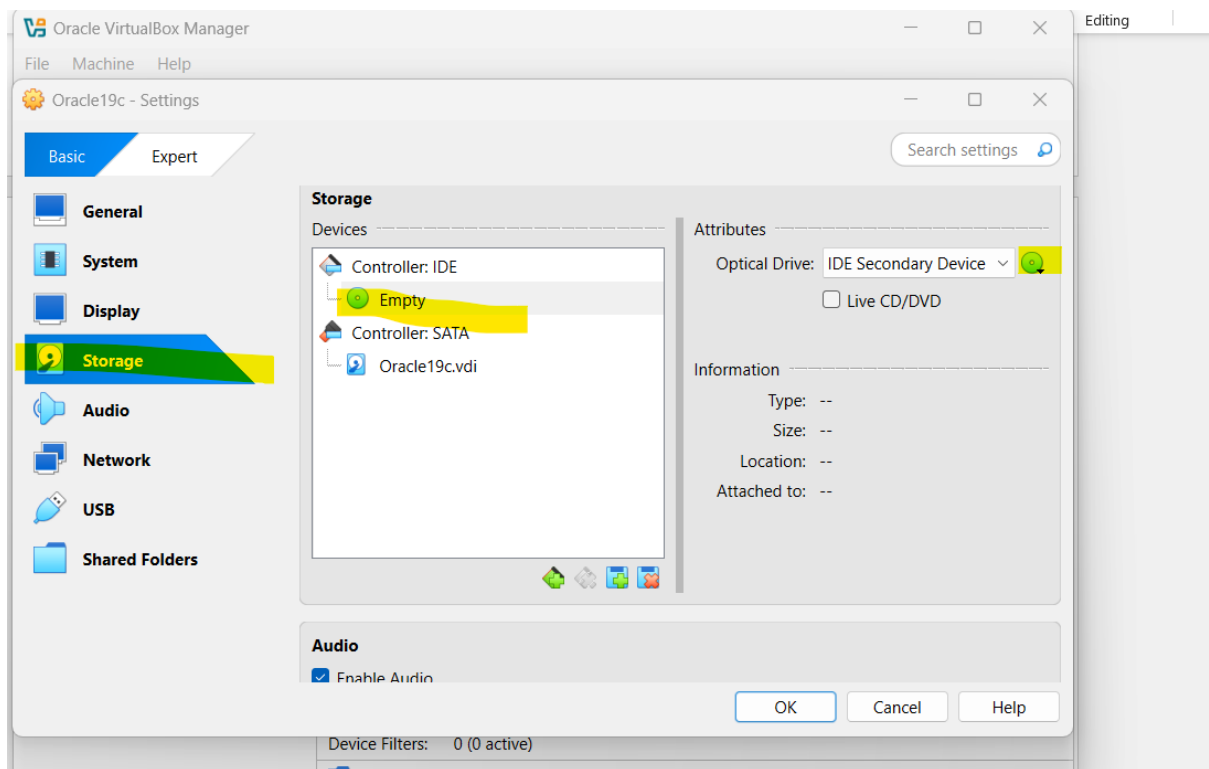
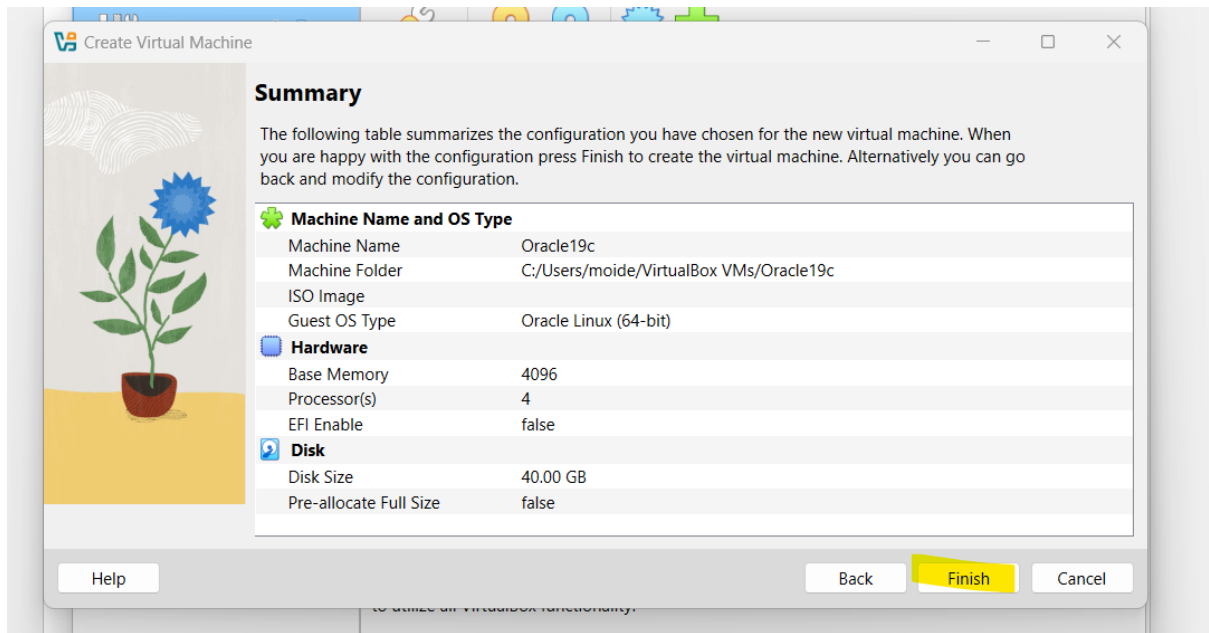
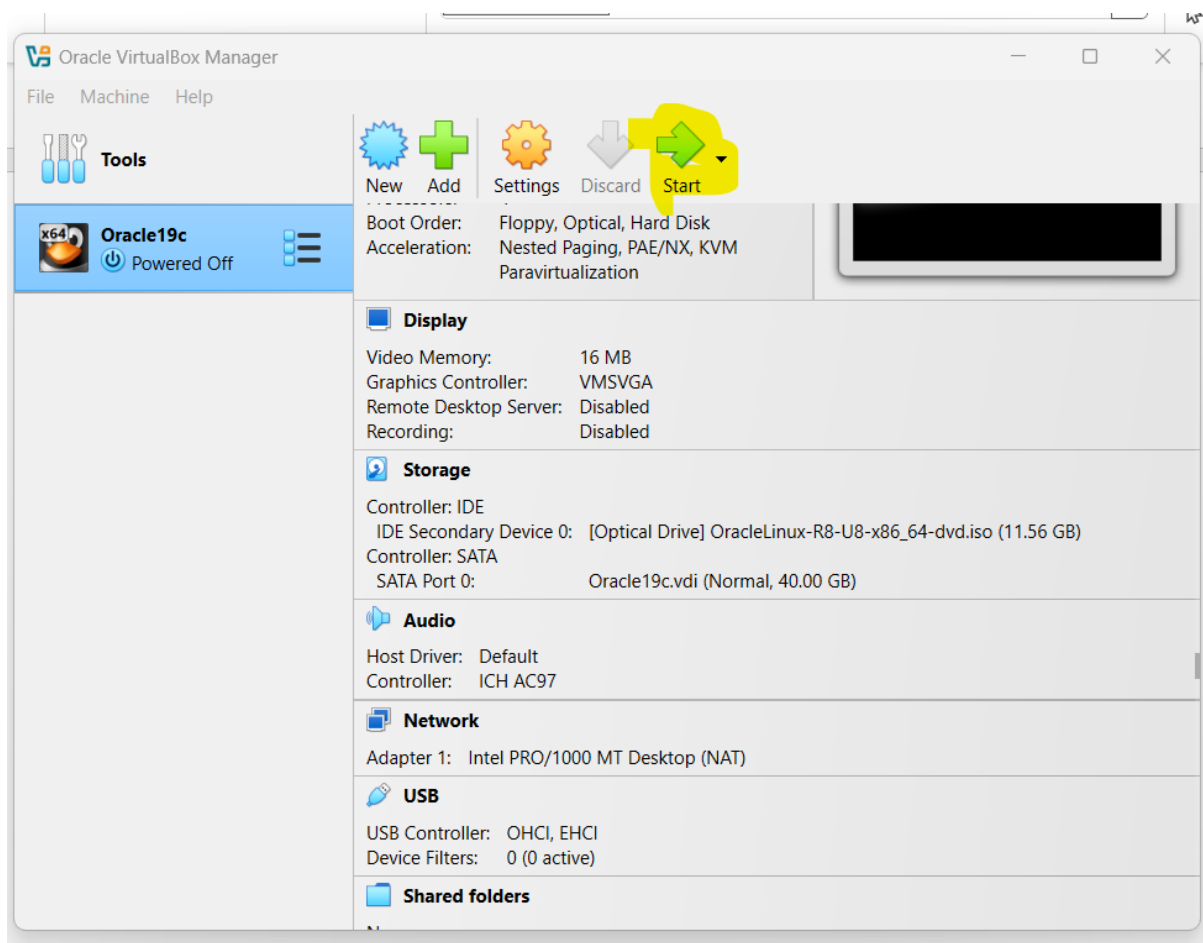
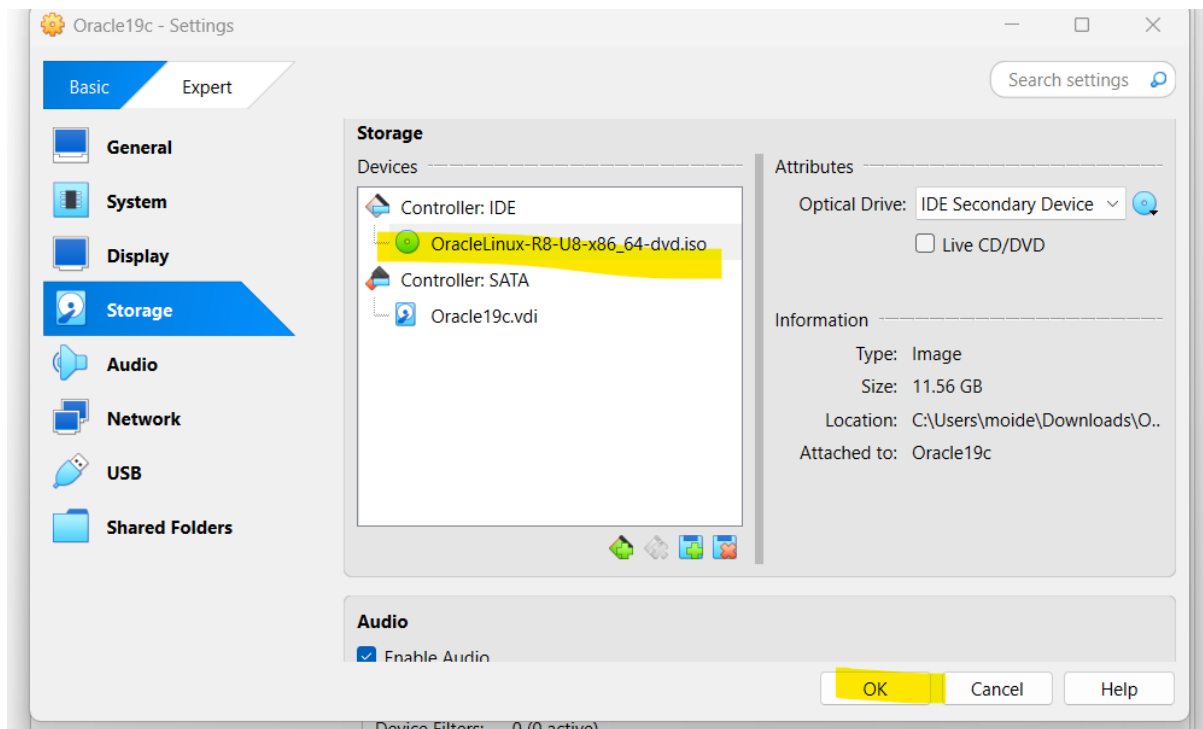


Creating a virtual machine with Oracle Linux 8

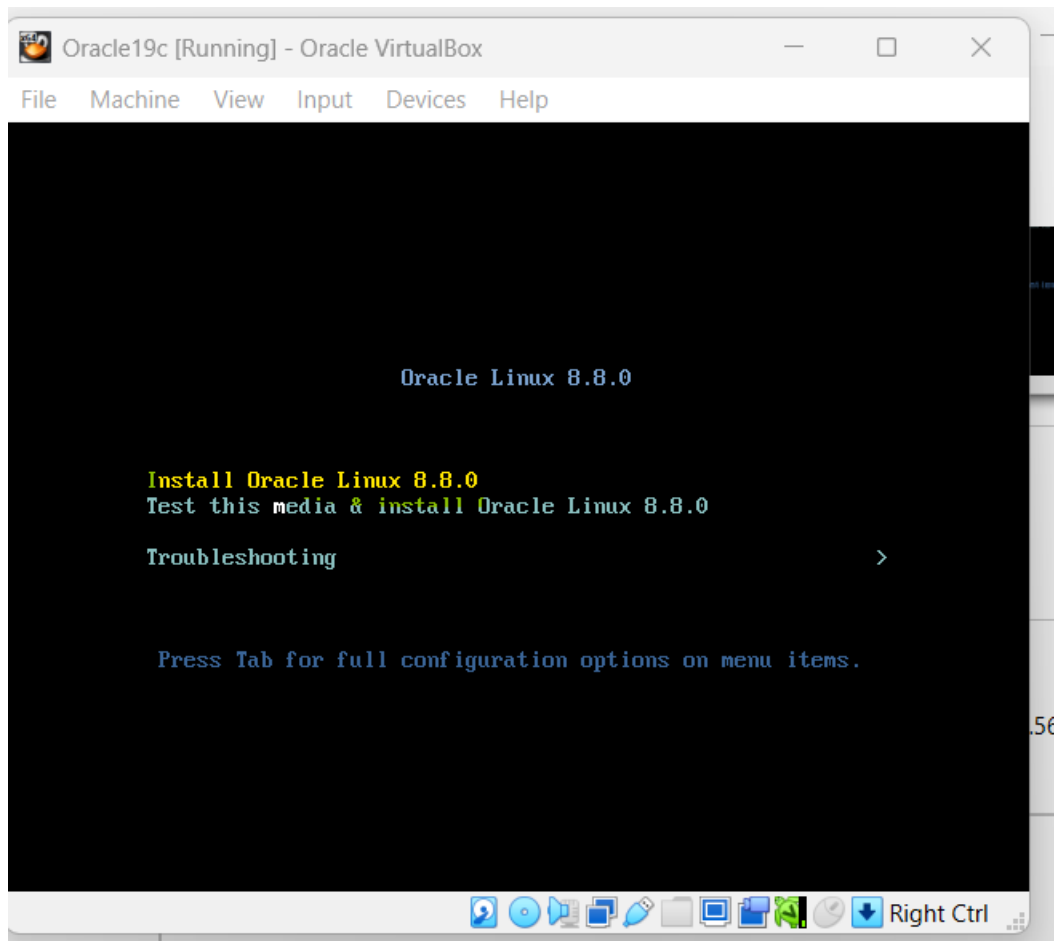


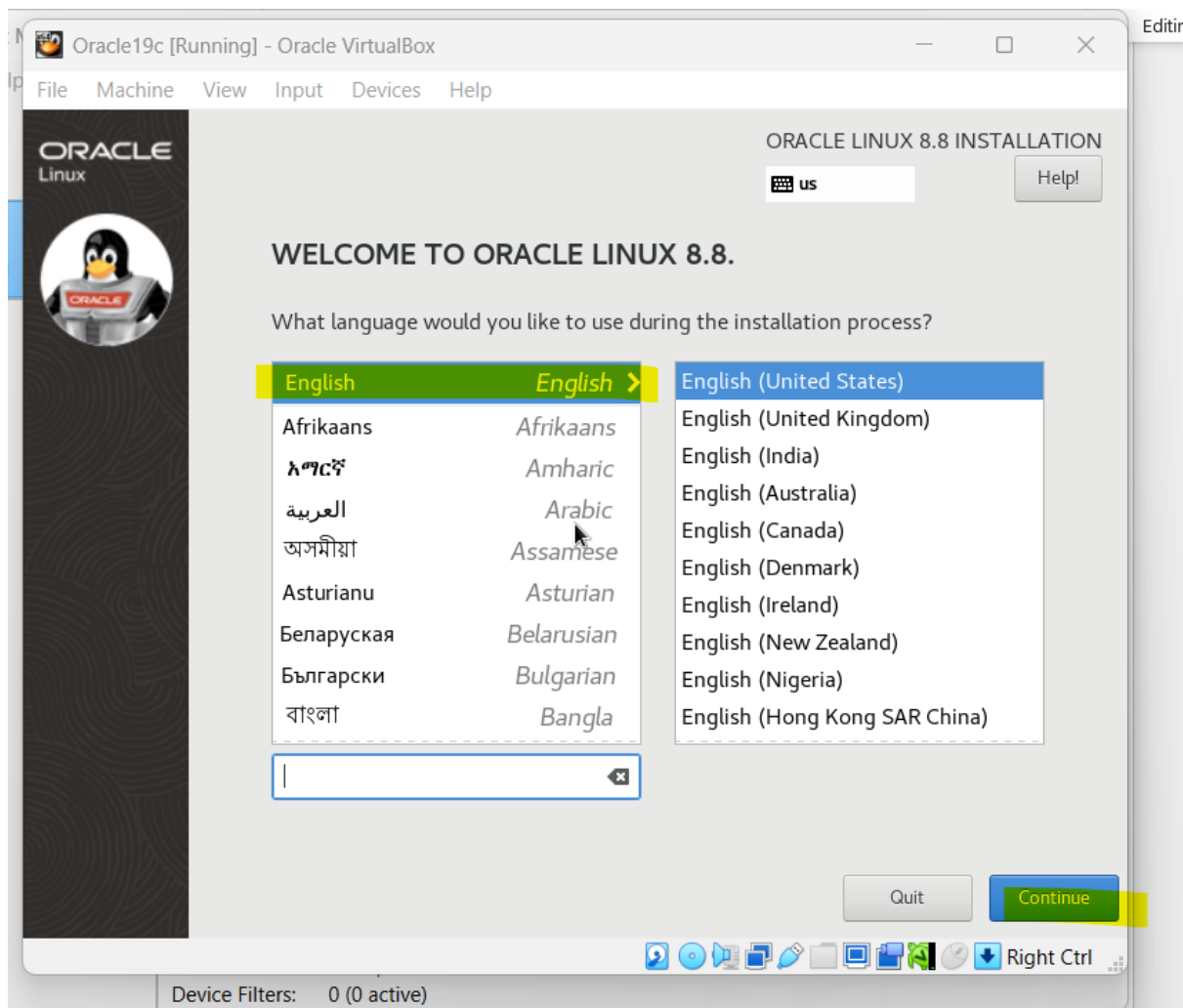


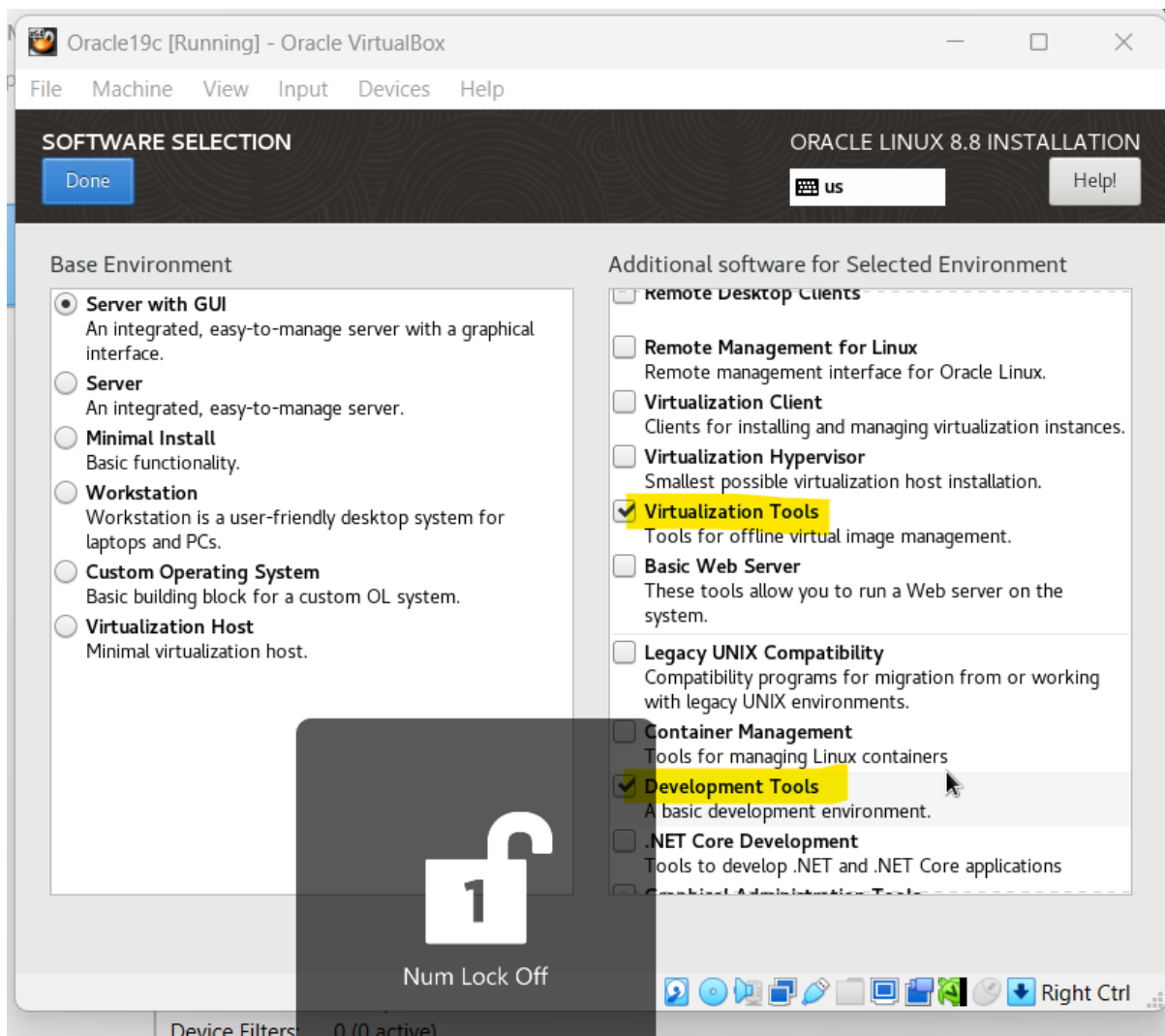


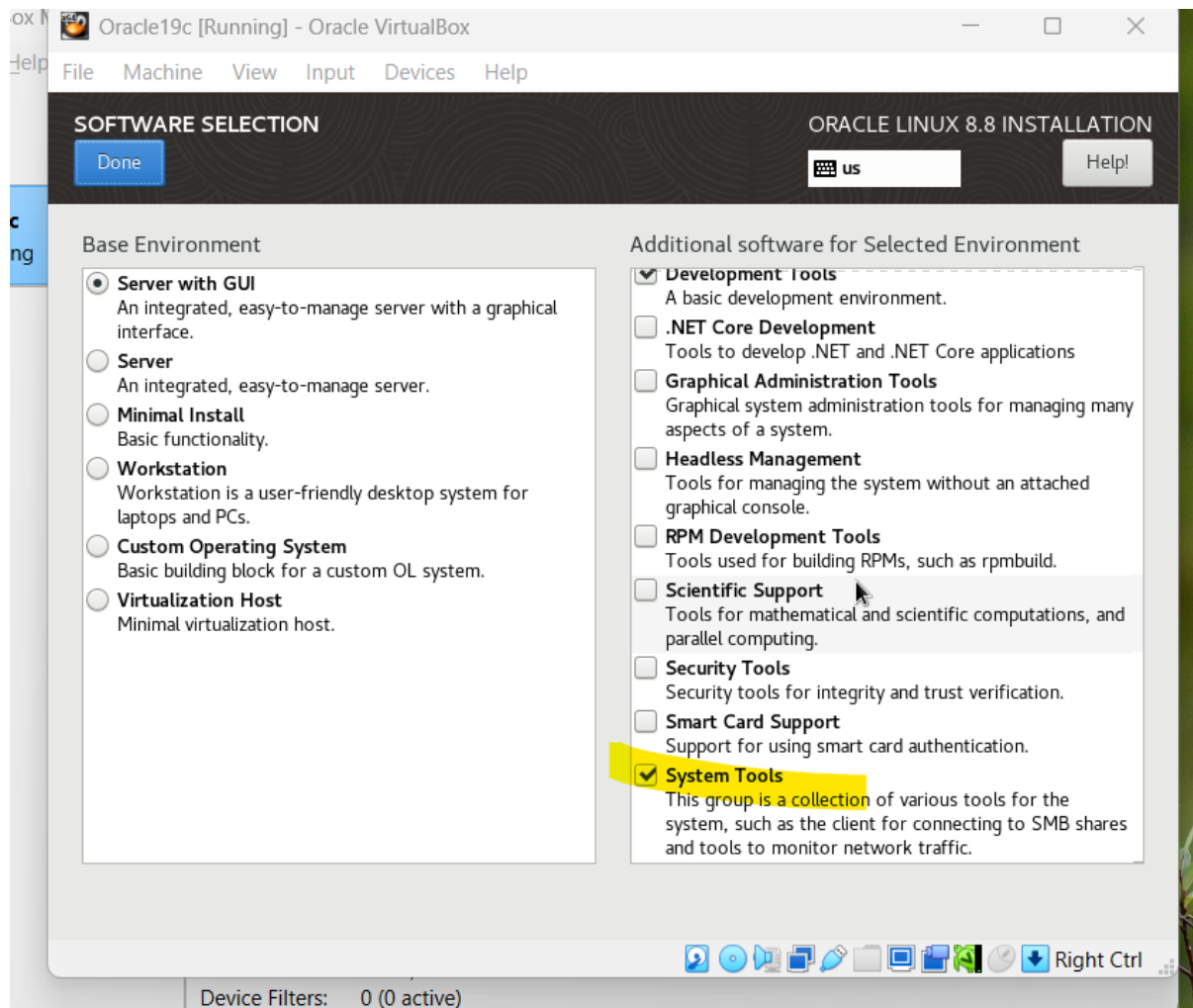


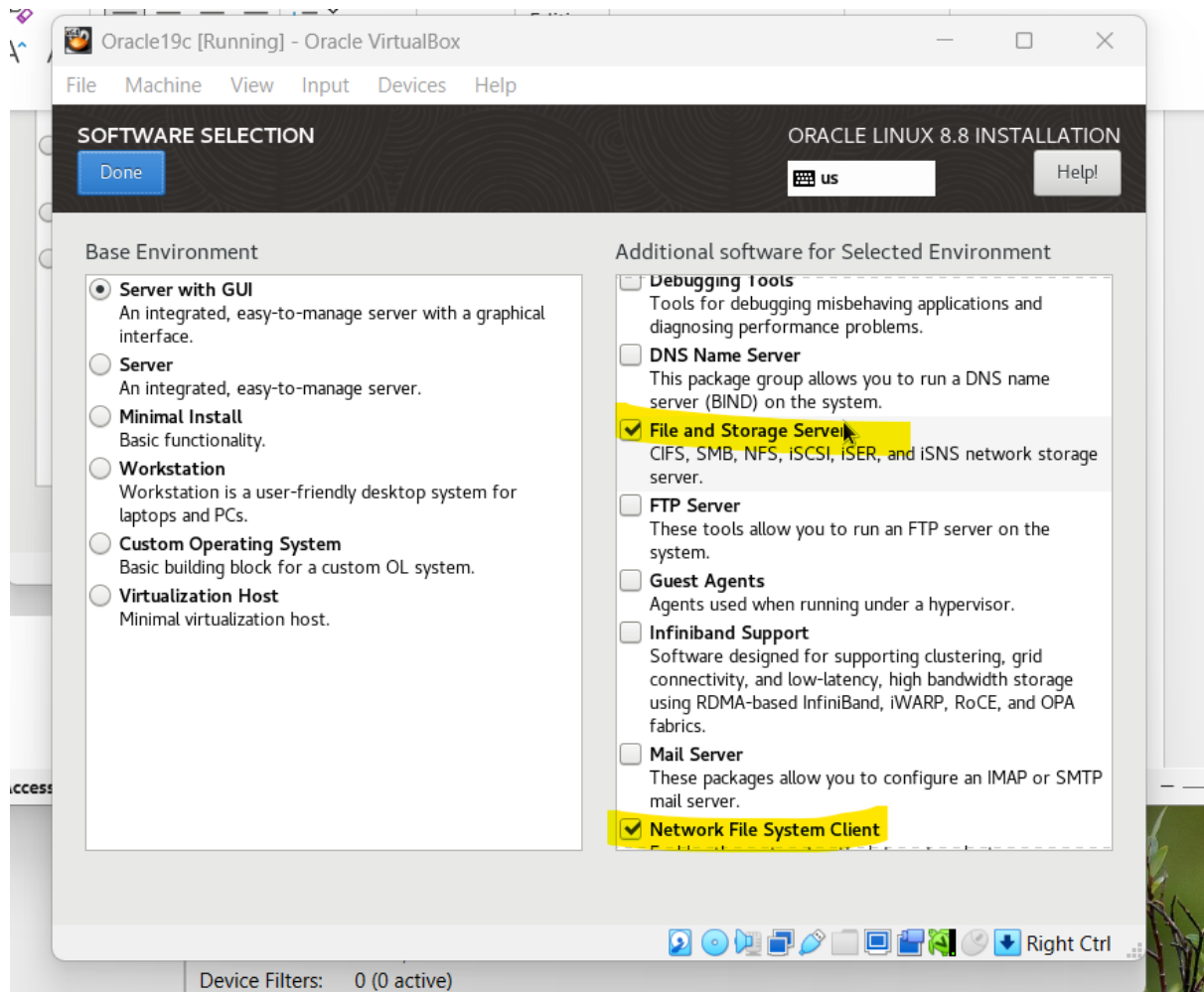
Installing Oracle Linux 8

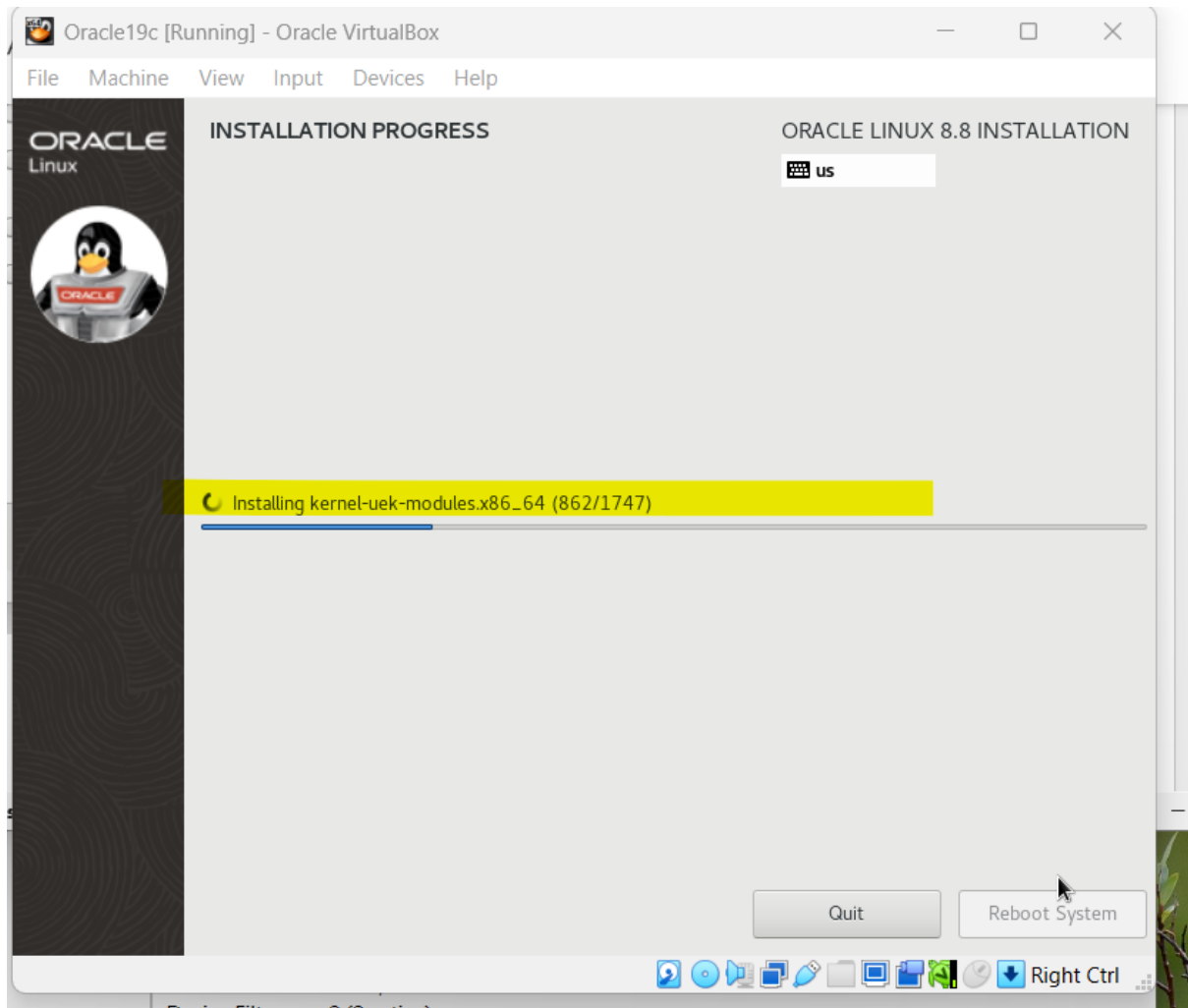


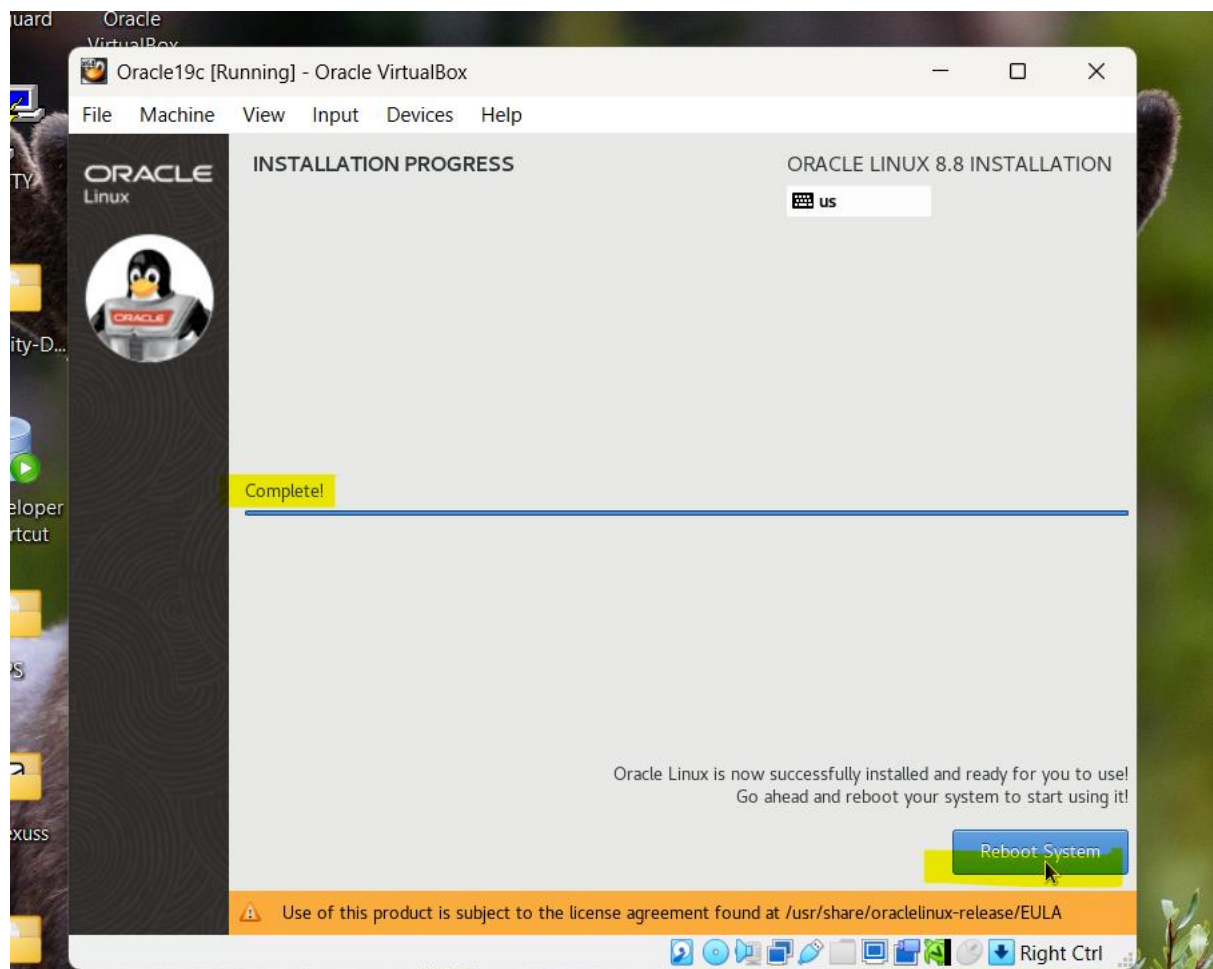


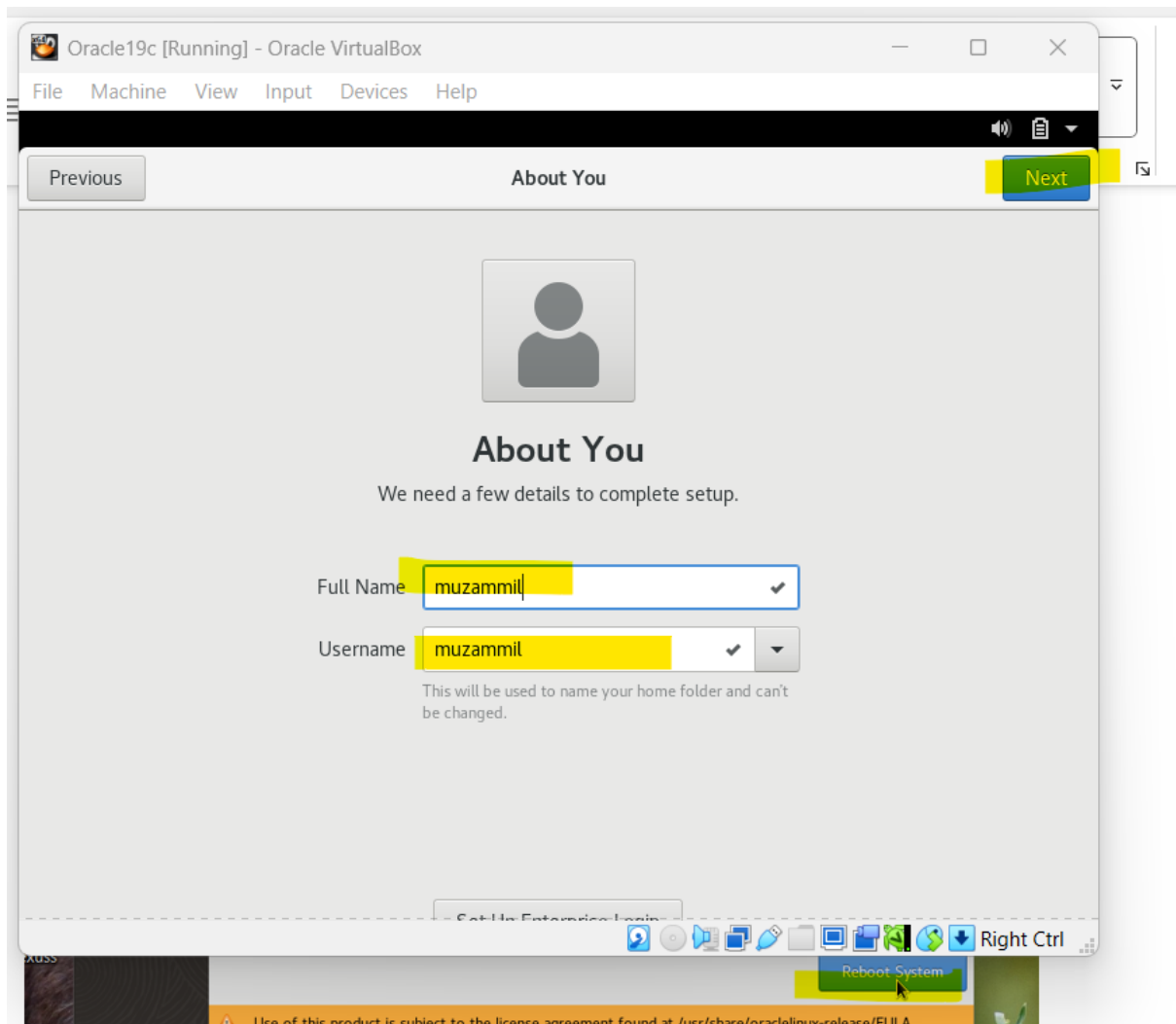


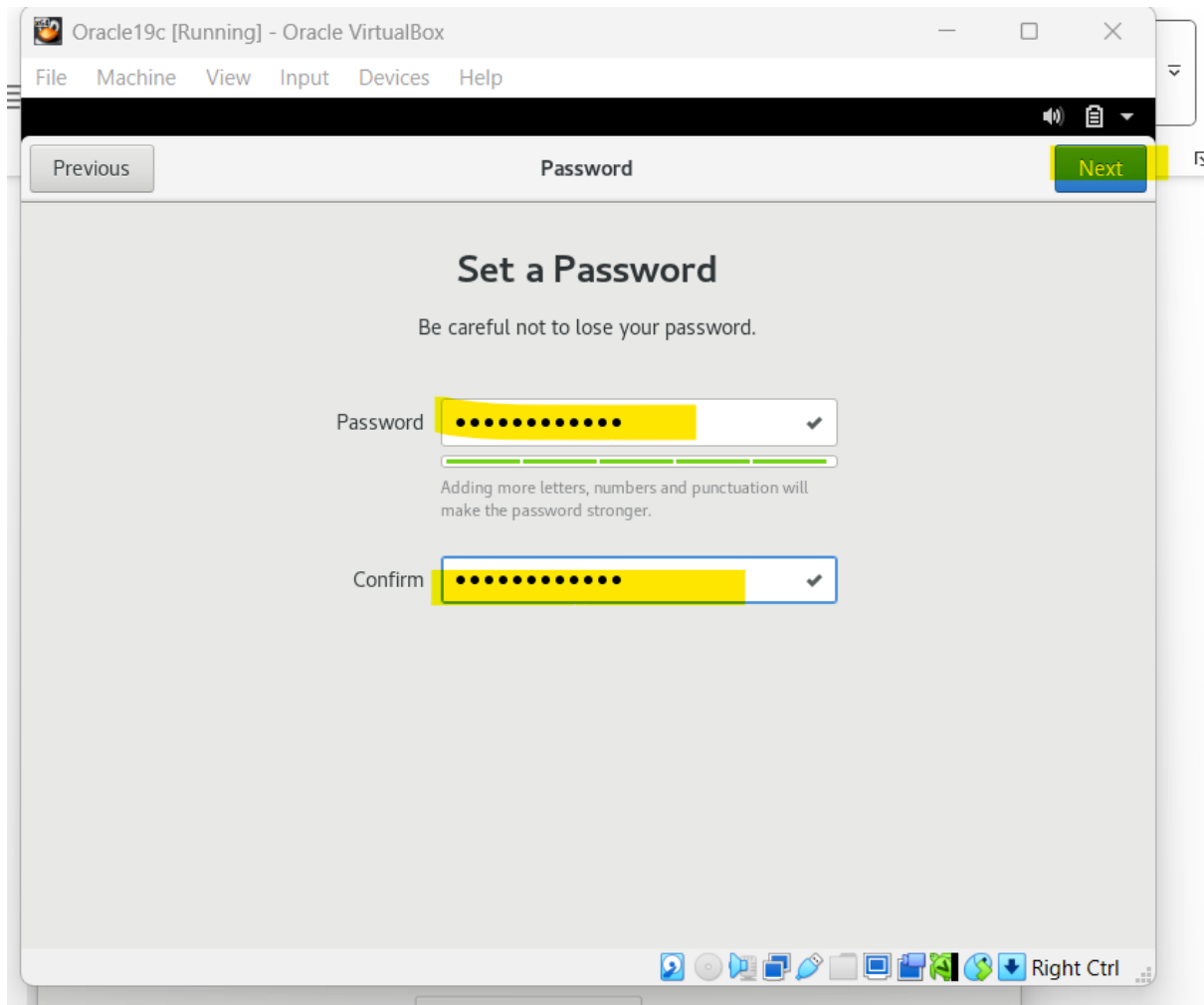




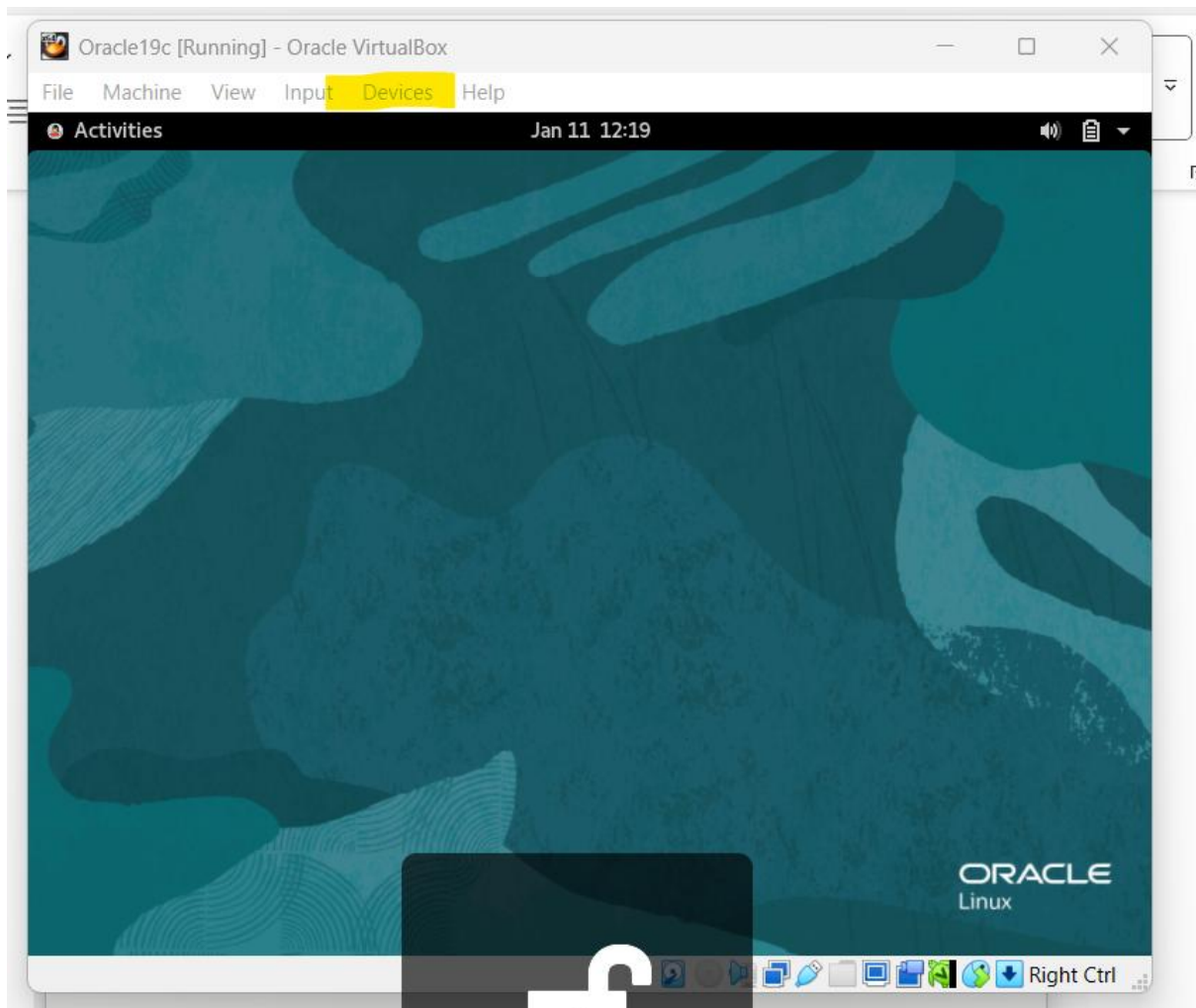


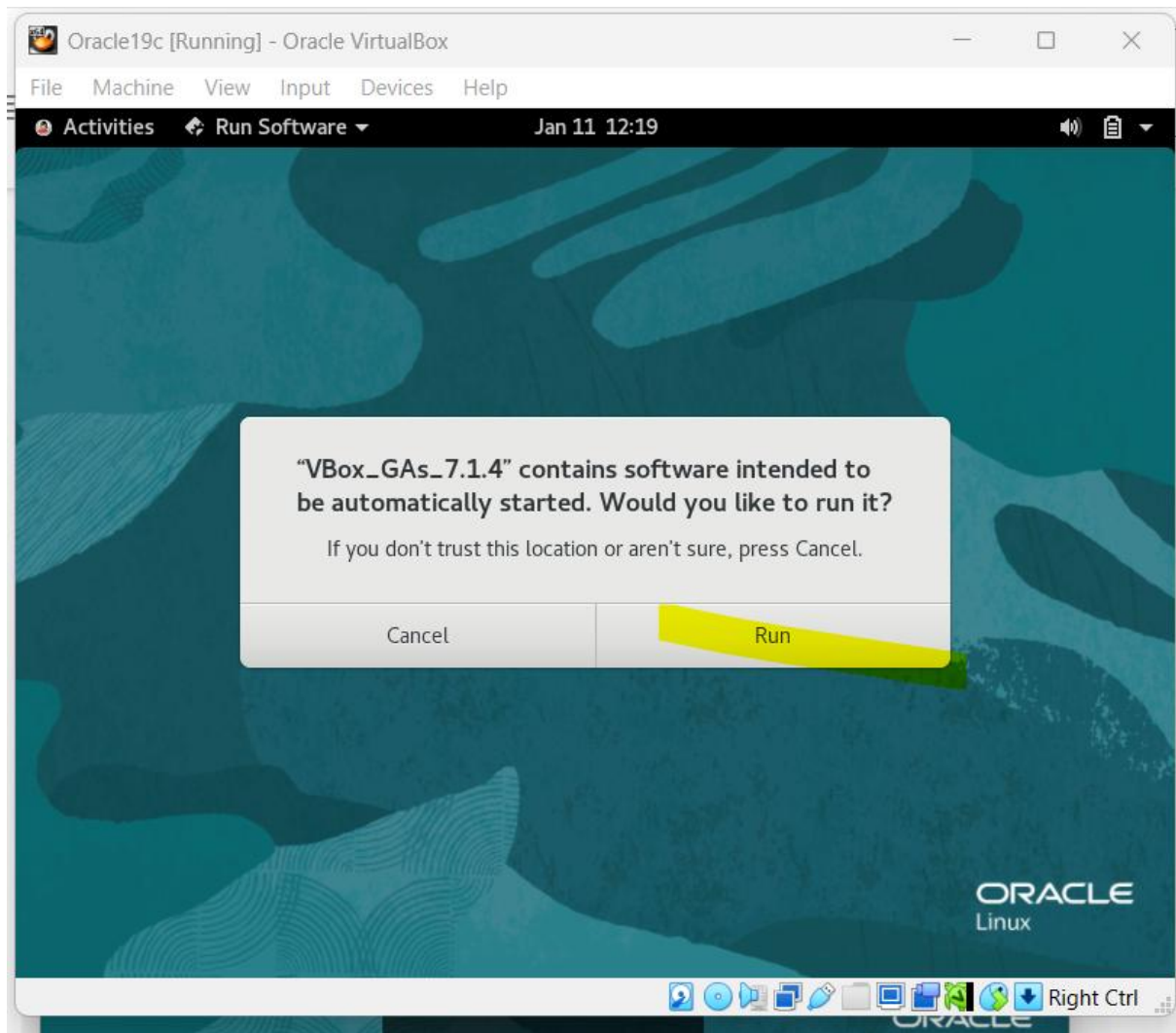


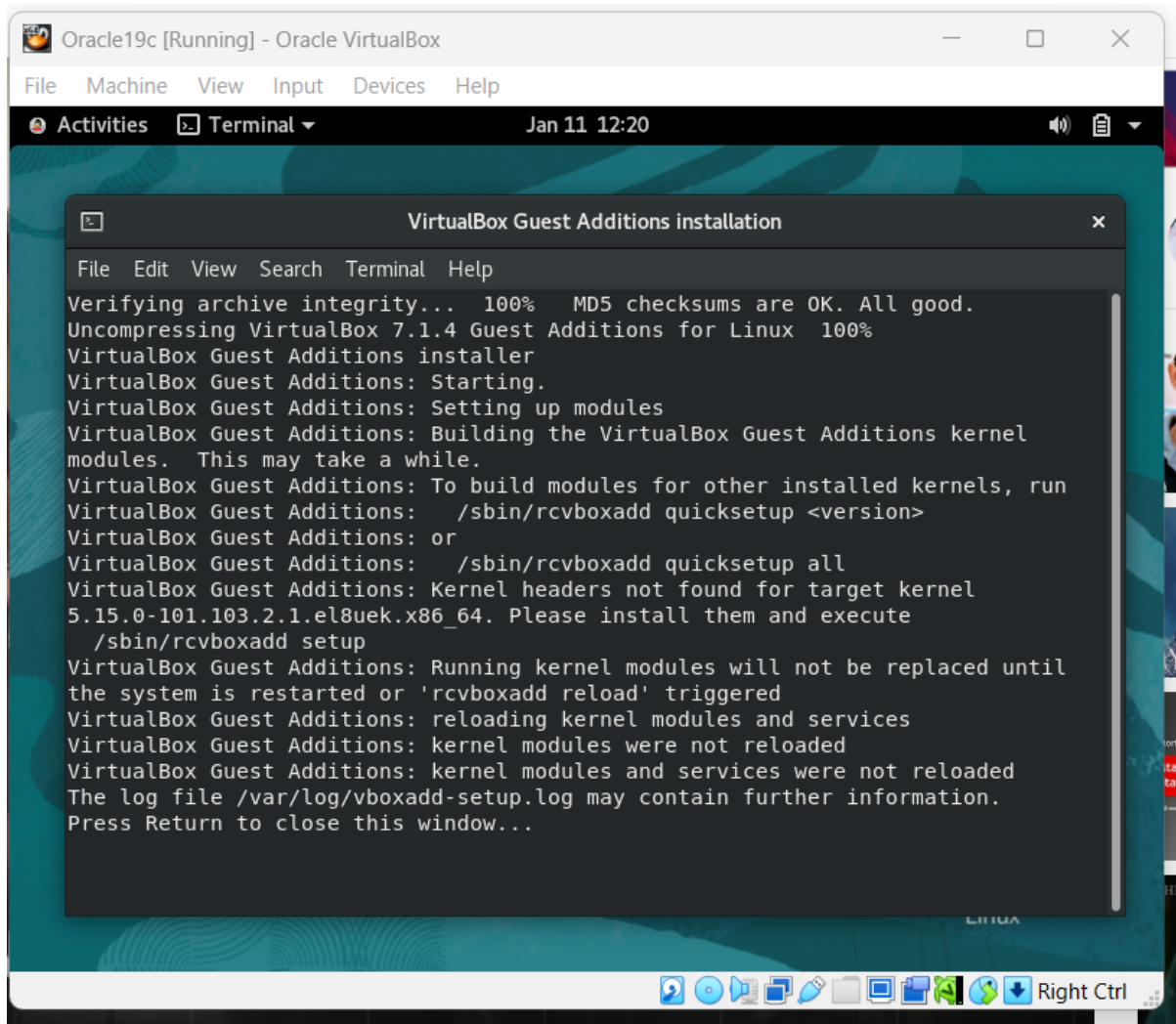


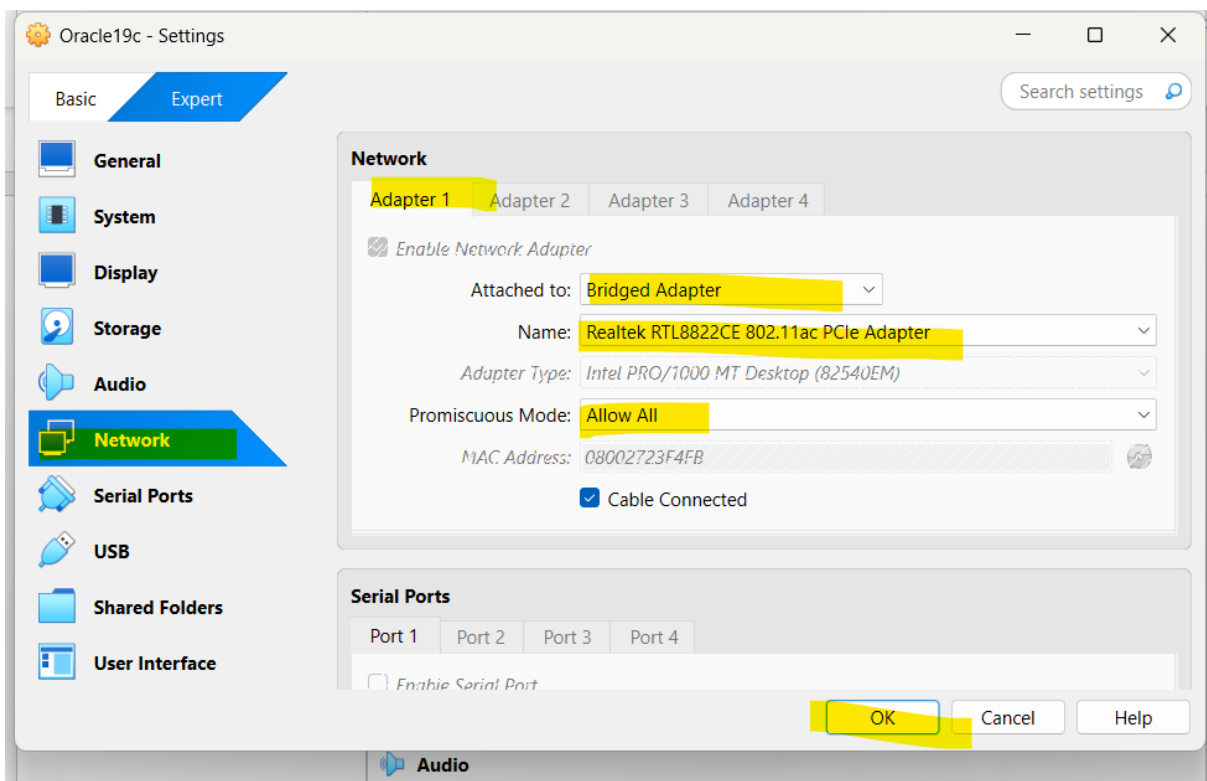
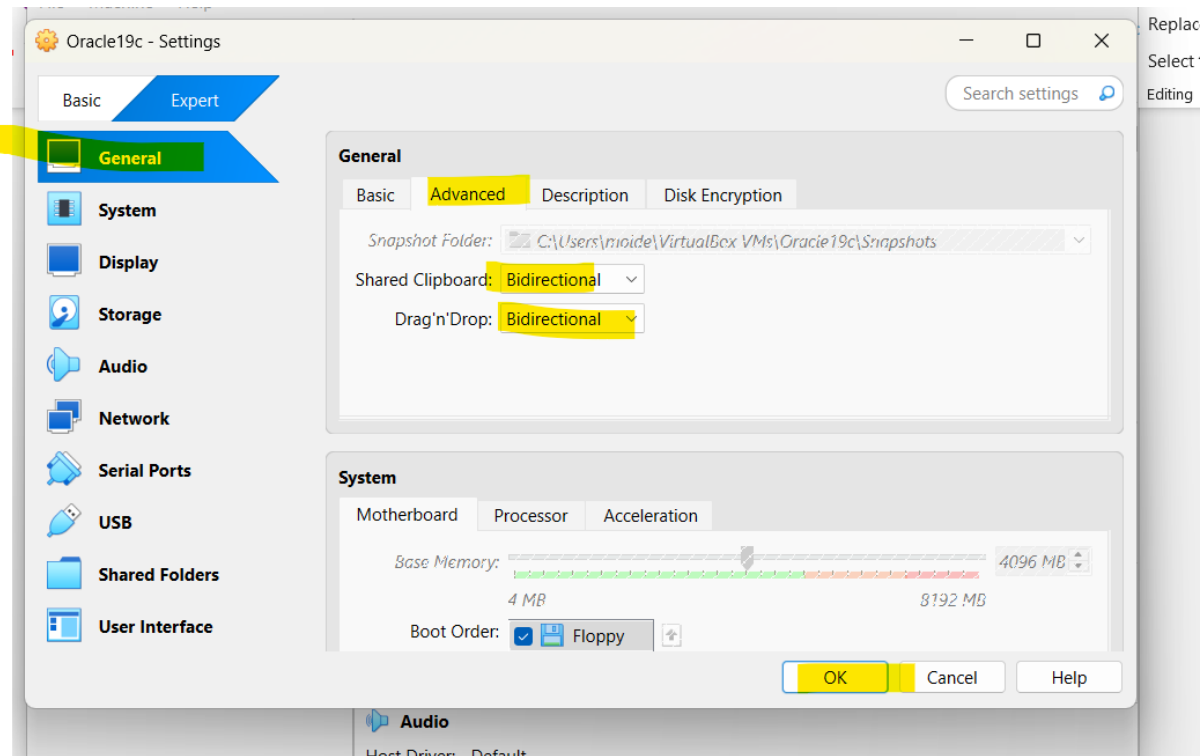


Installing Guest addition









```
[muzamil@oracle19c ~]$ sudo su - root
[sudo] password for muzamil:
[root@oracle19c ~]# cd /etc/sysconfig/network-scripts/
[root@oracle19c network-scripts]# vi ifcfg-enp0s3
```

```
root@oracle19c:/etc/sysconfig/network-scripts
File Edit View Search Terminal Help
TYPE=Ethernet
BOOTPROTO=none
BROWSER_ONLY=no
BOOTPROTO=dhcp
DEFROUTE=yes
PV4_FAILURE_FATAL=no
PV6INIT=yes
PV6_AUTOCONF=yes
PV6_DEFROUTE=yes
PV6_FAILURE_FATAL=no
PV6_ADDR_GEN_MODE=eui64
NAME=enp0s3
UUID=d63cb361-2f1e-4068-bf77-ae0f5d543f1b
DEVICE=enp0s3
ONBOOT=yes

ifcfg-enp0s3" 15L, 273C
```

```
[root@oracle19c network-scripts]# ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.1.12 netmask 255.255.255.0 broadcast 192.168.1.255
    inet6 fe80::a00:27ff:fe23:f4fb prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:23:f4:fb txqueuelen 1000 (Ethernet)
    RX packets 153486 bytes 228609344 (218.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 30060 bytes 2007037 (1.9 MiB)
    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 148 bytes 9480 (9.2 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 148 bytes 9480 (9.2 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

virbr0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 192.168.122.1 netmask 255.255.255.0 broadcast 192.168.122.255
    ether 52:54:00:96:63:12 txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

[root@oracle19c network-scripts]#
```

Sudo yum update

```
File Edit View Search Terminal Help
sudo-1.9.5p2-1.el8_9.x86_64
sushi-3.28.3-3.el8_10.x86_64
swtpm-libs-0.7.0-4.2021109gitb79fd91.module+el8.9.0+90852+d3bf71d8.x86_64
systemd-239-82.0-2.el8_10.x86_64
systemd-container-239-82.0-2.el8_10.x86_64
systemd-pam-239-82.0-2.el8_10.x86_64
systemtap-4.9-3.0-1.el8.x86_64
systemtap-devel-4.9-3.0-1.el8.x86_64
tcpdump-4.4.9-3-5.el8.x86_64
tigervnc-1.13.1-14.el8_10.noarch
tigervnc-server-minimal-1.13.1-14.el8_10.x86_64
tpm2-tss-2.3.2-6.el8.x86_64
tracker-miners-2.15.2-2.el8_9.1.x86_64
trousers-1.0-3.15-2.el8.x86_64
tzdata-2024b-4.0-1.el8.noarch
udisks2-2.9.0-16.el8.x86_64
udisks2-lvm2-2.9.0-16.el8.x86_64
unzip-6.0-47-0.1.el8_10.x86_64
util-linux-2.32.1-40.0-1.el8.x86_64
valgrind-1:3.22.0-2.el8.x86_64
vdo-6.2.11-3-14.el8_10.x86_64
volume-key-libs-0.3.11-6.el8.x86_64
webkit2gtk3-jsc-2.40.5-1.el8_10.x86_64
which-2.21-20.el8.x86_64
xdg-desktop-portal-gtk-1.12.0-1.el8.x86_64
xfce-progs-5.15.0-1.0.5.el8.x86_64
xmlrpc-c-client-1.51.0-10.el8_10.x86_64
xmlsec1-openssl-1.2.25-8.el8_10.x86_64
xorg-x11-server-wwyland-21.1.3-17.el8_10.x86_64
yajl-2.1.0-12.el8.x86_64
zlib-1.2.11-25.el8.x86_64

Installed:
cxl-libs-73-1.0-2.el8.x86_64
gcc-toolset-13-binutils-gold-2.40-21.el8.x86_64
gcc-toolset-13-libstdc++-devel-13.3.1-2.1.0-1.el8_10.x86_64
grub2-tools-efi-1:2.02-160.0-1.el8_10.x86_64
kernel-core-4.18.0-553.34.1.el8_10.x86_64
kernel-uek-5.15.0-303.171.5.2.1.el8uek.x86_64
live-compat-libs-17.0-6-3.0-1.module+el8.10.0+90449+aa5a3b2d.x86_64
podman-plugins-4.4.5-4-18.0-1.module+el8.10.0+90449+0b7c0529.x86_64
python3.11-libs-3.11.11-1.0-1.el8_10.x86_64

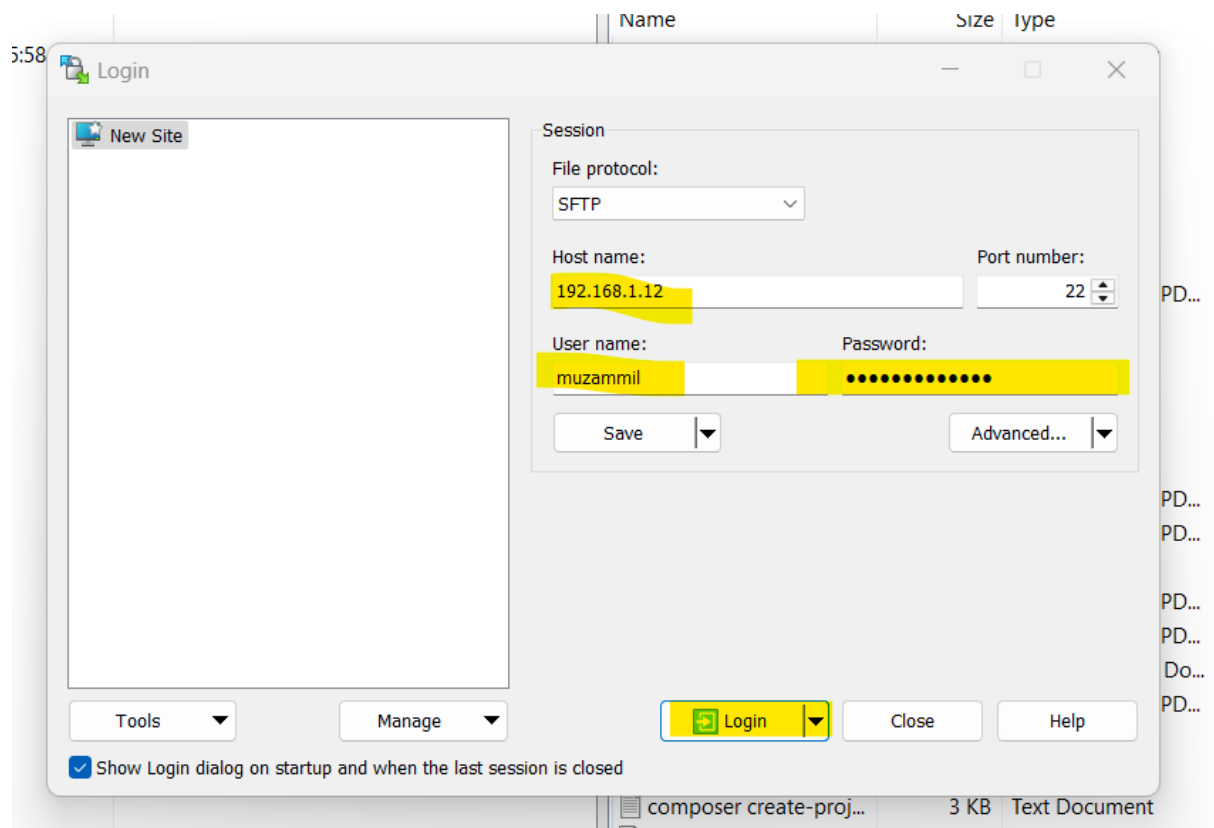
evolution-data-server-ui-3.28.5-24.el8.x86_64
gcc-toolset-13-gcc-13.3.1-2.1.0-1.el8_10.x86_64
gcc-toolset-13-runtime-13.0-2.el8.x86_64
iniparser-4.1-5.el8.x86_64
kernel-devel-4.18.0-553.34.1.el8_10.x86_64
kernel-uek-core-5.15.0-303.171.5.2.1.el8uek.x86_64
mpdecimal-2.5.1-3.el8.x86_64
python3-distro-1.4.0-2.module+el8.10.0+90473+c30184f9.noarch
python3.11-pip-wheel-22.3.1-5.el8.noarch

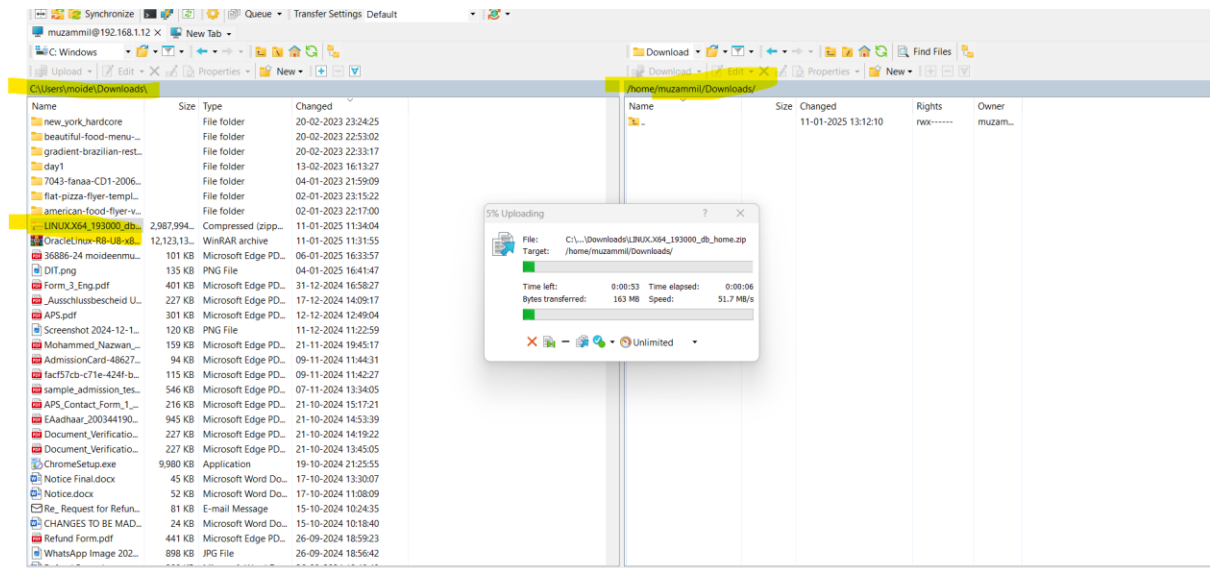
supermin-5.2.1-2.0-1.module+el8.9.0+90852+d3bf71d8.x86_64
swtpm-0.7.0-4.2021109gitb79fd91.module+el8.9.0+90852+d3bf71d8.x86_64
swtpm-tools-0.7.0-4.2021109gitb79fd91.module+el8.9.0+90852+d3bf71d8.x86_64
systemd-239-82.0-2.el8_10.x86_64
systemd-libs-239-82.0-2.el8_10.x86_64
systemd-udev-239-82.0-2.el8_10.x86_64
systemtap-client-4.9-3.0-1.el8.x86_64
systemtap-runtime-4.9-3.0-1.el8.x86_64
tigervnc-1.13.1-14.el8_10.x86_64
tigervnc-license-1.13.1-14.el8_10.noarch
tmux-2.7-2.el8.x86_64
tracer-common-1.1-1.el8.noarch
trousers-0.3.15-2.el8.x86_64
tuned-2.22.1-5.0-1.el8_10.noarch
tzdata-java-2024b-4.0-1.el8.noarch
udisks2-iscsi-2.9.0-16.el8.x86_64
unbound-libs-1.16.2-5.el8_9.6.x86_64
upower-0.99-7-4.el8_7.x86_64
util-linux-user-2.32.1-40.0-1.el8.x86_64
valgrind-devel-1:3.22.0-2.el8.x86_64
virt-what-1.25-4.el8.x86_64
webkit2gtk3-2.40.5-1.el8_10.x86_64
wget-1.19.5-12.0-1.el8_10.x86_64
xdg-desktop-portal-1.12.0-1.0-1.el8.x86_64
xfedump-3.1.0-7.el8_9.x86_64
xmlrpc-c-1.51.0-10.el8_10.x86_64
xmlsec1-1.2.25-8.el8_10.x86_64
xorg-x11-server-Xorg-1.20.11-25.el8_10.x86_64
xorg-x11-server-common-1.20.11-25.el8_10.x86_64
yum-4.7.0-20.0-1.el8.noarch
zlib-devel-1.2.11-25.el8.x86_64

gcc-toolset-13-binutils-2.40-21.el8.x86_64
gcc-toolset-13-gcc-c++-13.3.1-2.1.0-1.el8_10.x86_64
grafana-selinux-9.2.10-20.el8_10.x86_64
kernel-4.18.0-553.34.1.el8_10.x86_64
kernel-modules-4.18.0-553.34.1.el8_10.x86_64
kernel-uek-modules-5.15.0-303.171.5.2.1.el8uek.x86_64
podman-gyp-proxy-4.4.9-4-18.0-1.module+el8.10.0+90449+0b7c0529.x86_64
python3.11-3.11.11-1.0-1.el8_10.x86_64
python3.11-setuptools-wheel-65.5.1-3.el8_10.noarch

Complete!
bash: upgrade: command not found...
[root@oracle19c network-scripts]#
[root@oracle19c network-scripts]#
```

Transferring file from windows to Linux using WINSCP





```
[root@oracle19c ~]# yum install -y oracle-database-preinstall-19c
Last metadata expiration check: 6:05:55 ago on Sat 11 Jan 2025 01:45:37 PM IST.
Dependencies resolved.
=====================================================================================================================================
Package                                Architecture      Version            Repository          Size
=====================================================================================================================================
Installing:
oracle-database-preinstall-19c         x86_64            1.0-2.el8          ol8_appstream      31 k
Installing dependencies:
ksh                                     x86_64            20120801-267.0.1.el8 ol8_appstream      923 k
libaio-devel                           x86_64            0.3.112-1.el8      ol8_baseos_latest  19 k
libnsl                                 x86_64            2.28-251.0.2.el8_10.5 ol8_baseos_latest  113 k
Transaction Summary
--
Install 4 Packages
Total download size: 1.1 M
Installed size: 3.4 M
Downloading Packages:
(1/4): libaio-devel-0.3.112-1.el8.x86_64.rpm                                     55 kB/s | 19 kB  00:00
(2/4): oracle-database-preinstall-19c-1.0-2.el8.x86_64.rpm                     295 kB/s | 31 kB  00:00
(3/4): libnsl-2.28-251.0.2.el8_10.5.x86_64.rpm                                196 kB/s | 113 kB  00:00
(4/4): ksh-20120801-267.0.1.el8.x86_64.rpm                                    1.2 MB/s | 923 kB  00:00
Total                                                                           1.4 MB/s | 1.1 MB  00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
Preparing :
Installing : ksh-20120801-267.0.1.el8.x86_64                                  1/1
Running scriptlet: ksh-20120801-267.0.1.el8.x86_64                          1/4
Installing : libnsl-2.28-251.0.2.el8_10.5.x86_64                             2/4
Installing : libaio-devel-0.3.112-1.el8.x86_64                               3/4
Running scriptlet: oracle-database-preinstall-19c-1.0-2.el8.x86_64           4/4
Installing : oracle-database-preinstall-19c-1.0-2.el8.x86_64                 4/4
Running scriptlet: oracle-database-preinstall-19c-1.0-2.el8.x86_64           4/4
Verifying  : libaio-devel-0.3.112-1.el8.x86_64                               1/4
```

```
File Edit View Search Terminal Tabs Help
root@oracle19c:/proc/sys/net/ipv4
root@oracle19c ipv4]# vi /etc/hosts
root@oracle19c ipv4]#
```

```
File Edit View Search Terminal Tabs Help
root@oracle19c:/proc/sys/net/ipv4
127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4
::1 localhost localhost.localdomain localhost6 localhost6.localdomain6
127.0.1.1 oracle19c.localdomain oracle19c
~
~
~
~
~
~
~
~
~
~
~
```

```
[root@oracle19c home]# mkdir -p /u01/app/oracle/product/19c/db_home
[root@oracle19c home]# chown -R oracle:install /u01
[root@oracle19c home]# chmod -R 775 /u01
[root@oracle19c home]#
```

```
File Edit View Search Terminal Help
[root@oracle19c ~]# passwd oracle
Changing password for user oracle.
New password:
BAD PASSWORD: The password contains the user name in some form
Retype new password:
passwd: all authentication tokens updated successfully.
[root@oracle19c ~]#
```

```
File Edit View Search Terminal Help
[root@oracle19c ~]# su - oracle
[oracle@oracle19c ~]$ vi .bash_profile
[oracle@oracle19c ~]$
```

```
root@oracle19c:/home/muzammi/Downloads
# .bash_profile
# Get the aliases and functions
if [ -f ~/.bashrc ]; then
    . ~/.bashrc
fi

# User specific environment and startup programs
export ORACLE_SID=CDB
export ORACLE_BASE=/u01/app/oracle
export ORACLE_HOME=/u01/app/oracle/product/19c/db_home
PATH=$PATH:$HOME/.local/bin:$ORACLE_HOME/bin
export PATH

~$
```

```

File Edit View Search Terminal Help
[root@oracle19c ~]# su - oracle
[oracle@oracle19c ~]$ vi .bash_profile
[oracle@oracle19c ~]$ . .bash_profile
[oracle@oracle19c ~]$

```

```

[root@oracle19c Downloads]# ls
LINUX.X64_193000_db_home.zip
[oracle@oracle19c Downloads]# cp LINUX.X64_193000_db_home.zip /u01/app/oracle/product/19c/db_home/
[oracle@oracle19c Downloads]#

```

```

root@oracle19c/home/muzammil/Downloads
oracle@oracle19c:/u01/app/oracle/product/19c/db_home

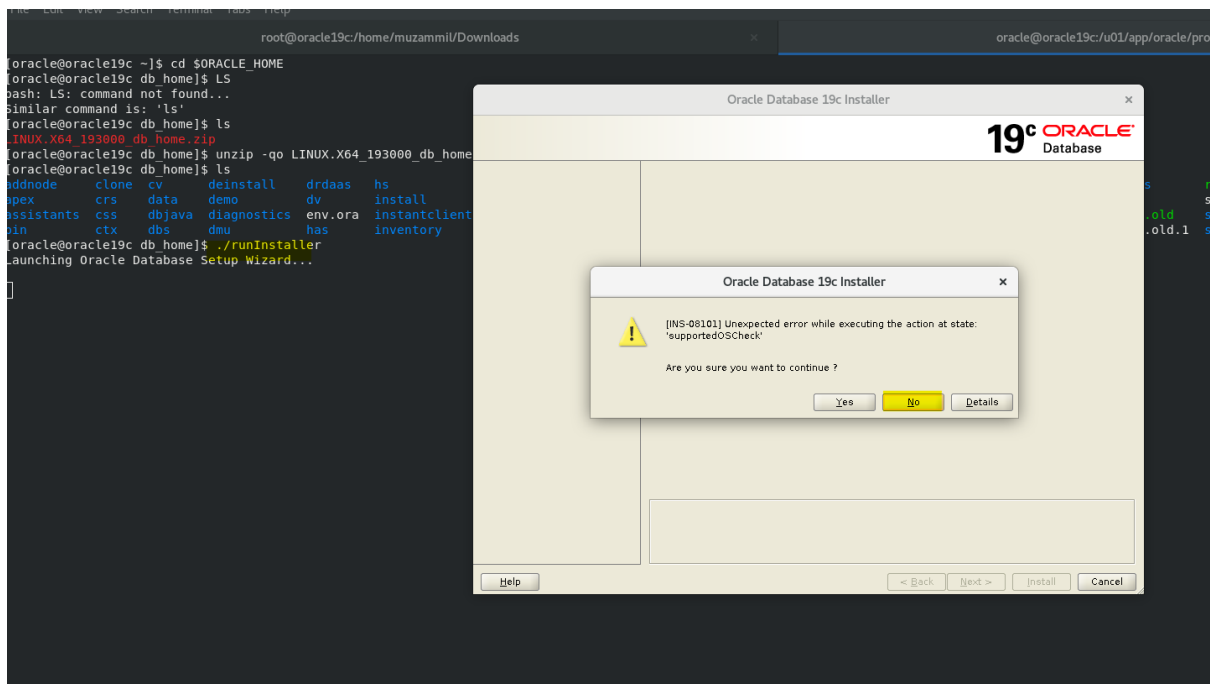
[oracle@oracle19c ~]$ cd $ORACLE_HOME
[oracle@oracle19c db_home]$ ls
bash: ls: command not found...
Similar command is: 'ls'
[oracle@oracle19c db_home]$ ls
LINUX.X64_193000_db_home.zip
[oracle@oracle19c db_home]$ unzip -qo LINUX.X64_193000_db_home.zip

```

```

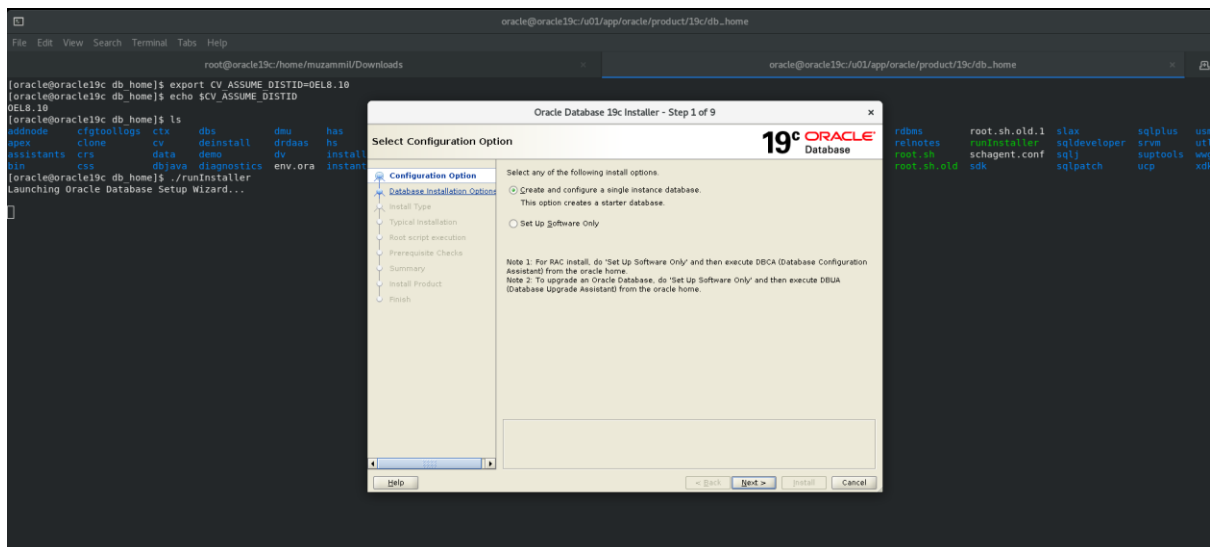
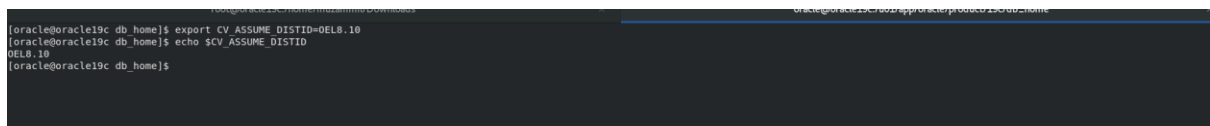
[oracle@oracle19c db_home]$ ls
admsntr  clasp  cv  deinstall  drdaas  hs  javavm  ldap  mgw  oldap  ord  ovm  opatch  relnotes  runInstaller  sqldeveloper  srv  utl
appx  crs  data  demo  dv  install  jdbc  lib  network  OPatch  ords  perl  R  root.sh  schagent.conf  sqlj  sqltools  wwv
assistants  csa  dbjava  diagnostics  env.ora  instantclient  jdk  LINUX.X64_193000_db_home.zip  nls  opmn  oss  plsql  racg  root.sh.old  sdk  sqlpatch  ucpl  xdk
bin  cba  dbca  dbm  has  inventory  jlib  md  odbc  oracore  oui  precomp  rdbms  root.sh.old.1  slax  sqlplus  usm
[oracle@oracle19c db_home]$

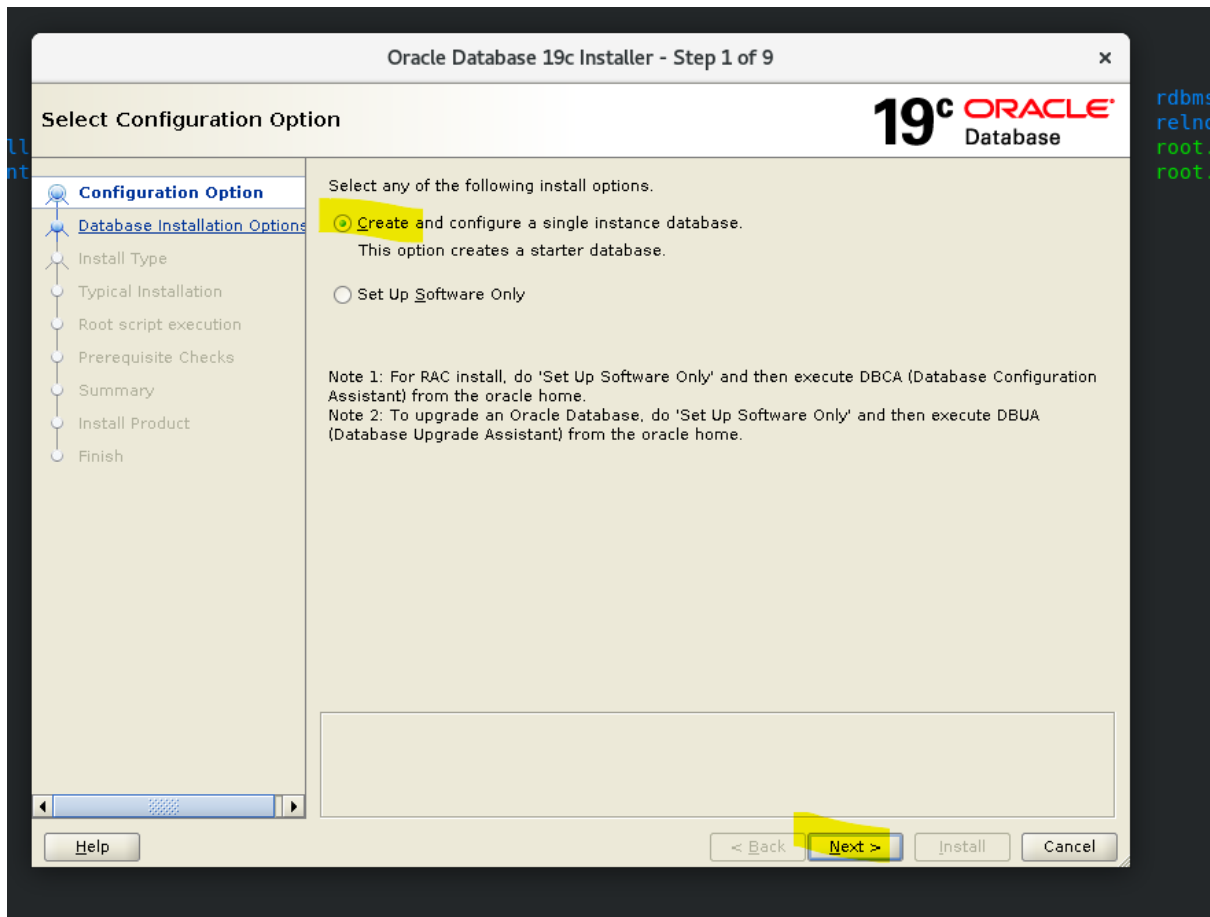
```



Export CV_ASSUME_DISTID=OEL8.10

echo CV_ASSUME_DISTID





Select System Class

19^c ORACLE[®]
Database[Configuration Option](#)**System Class**[Typical Installation](#)

Root script execution

Prerequisite Checks

Summary

Install Product

Finish

☒ Desktop class

Choose this option if you are installing on a laptop or desktop class system. This option includes a starter database and allows minimal configuration.

☐ Server class

Choose this option if you are installing on a server class system, which Oracle defines as a system used in a production data center. This option allows for more advanced configuration options.

Help

< Back

Next >

Install

Cancel

Typical Install Configuration

19^c ORACLE[®]
Database[Configuration Option](#)[System Class](#)**[Typical Installation](#)**[Root script execution](#)[Prerequisite Checks](#)[Summary](#)[Install Product](#)[Finish](#)

Perform full database installation with basic configuration.

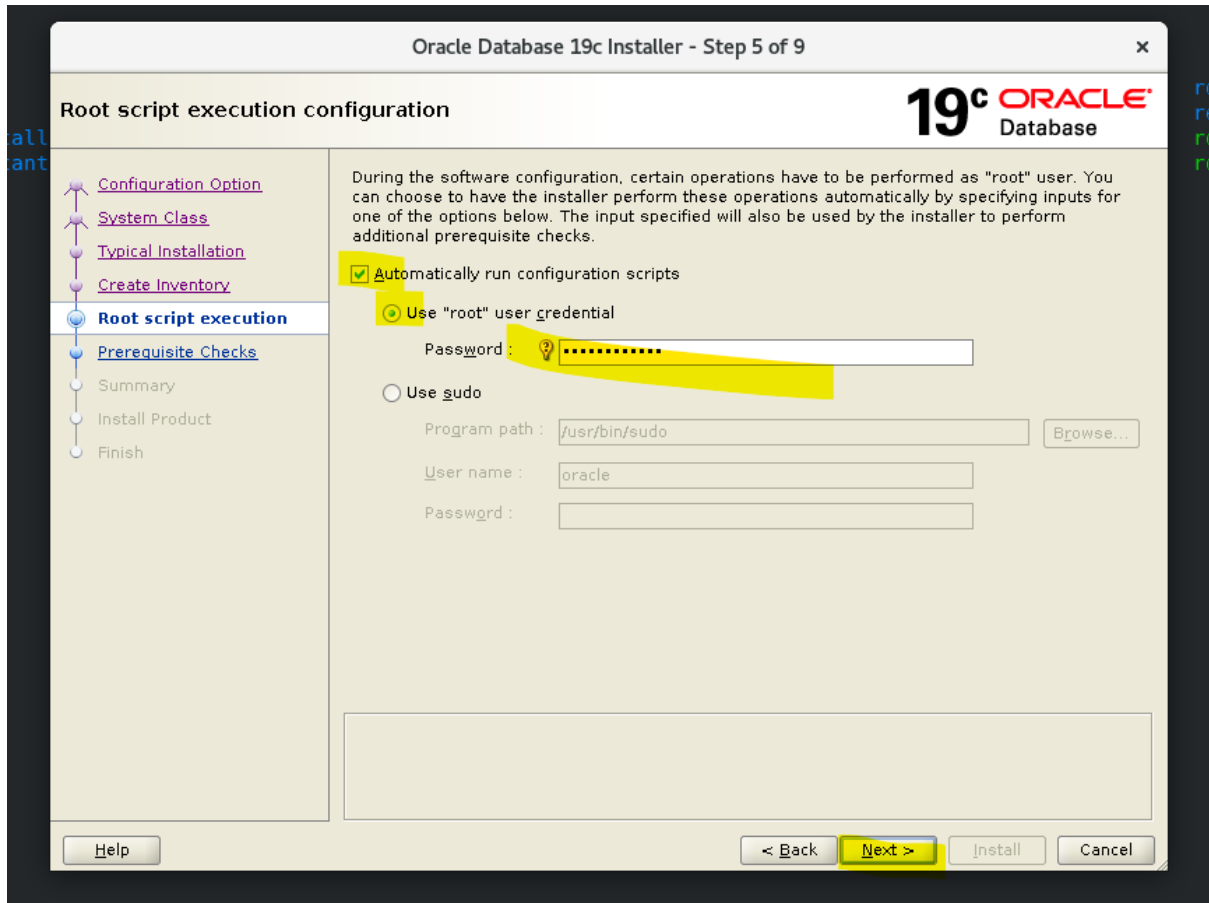
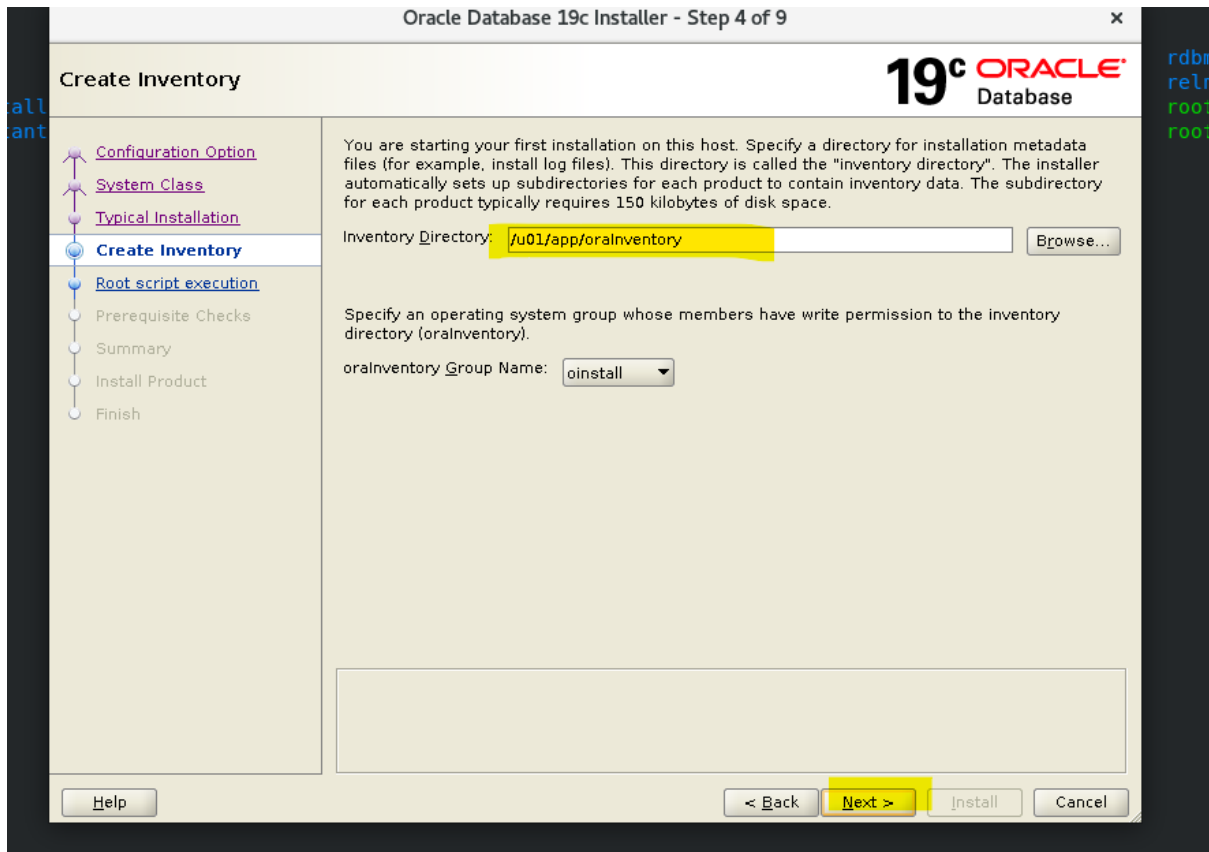
Oracle base: Browse...Software location: Database file location: Browse...Database edition: Character set: OSDBA group: Global database name: Password: Confirm password: ☒ Create as Container databasePluggable database name: [Help](#)

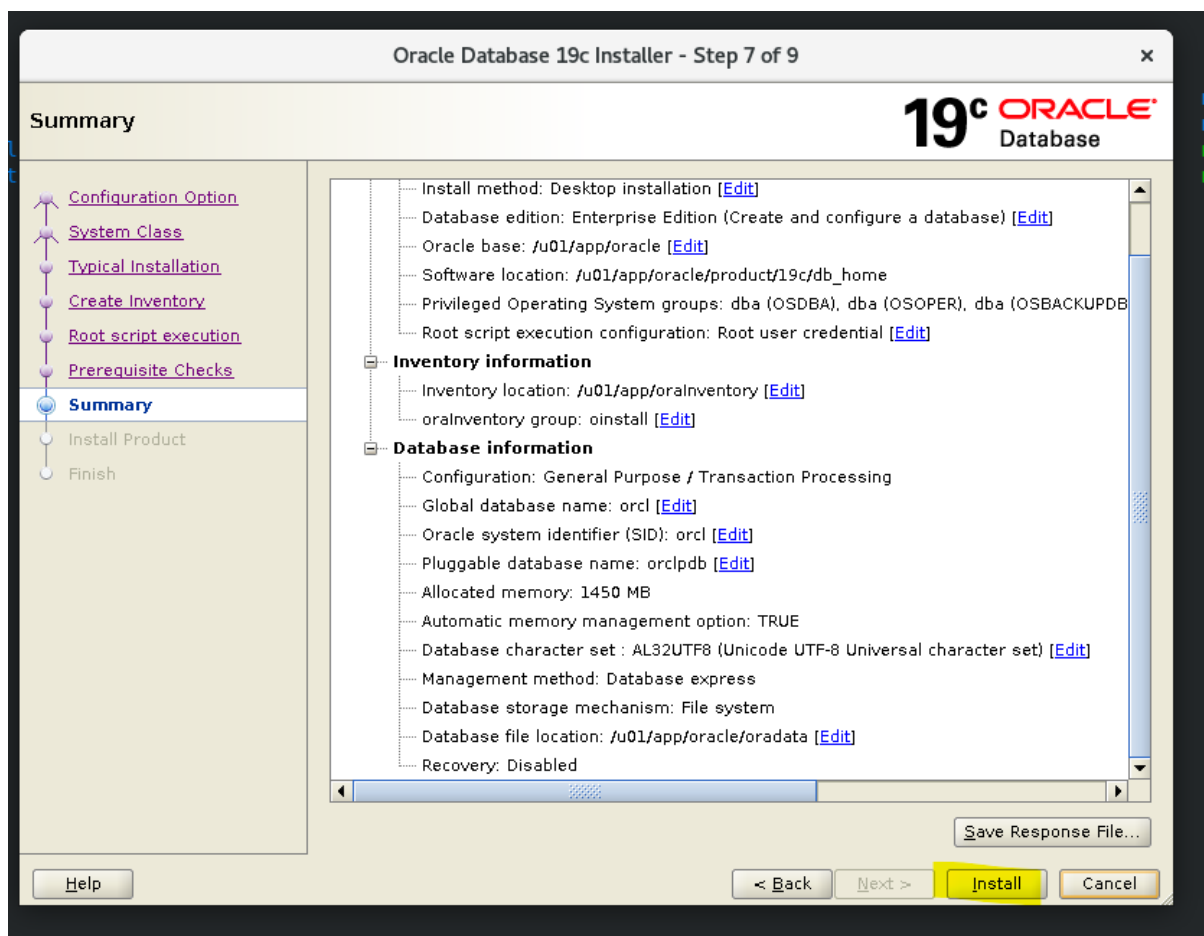
< Back

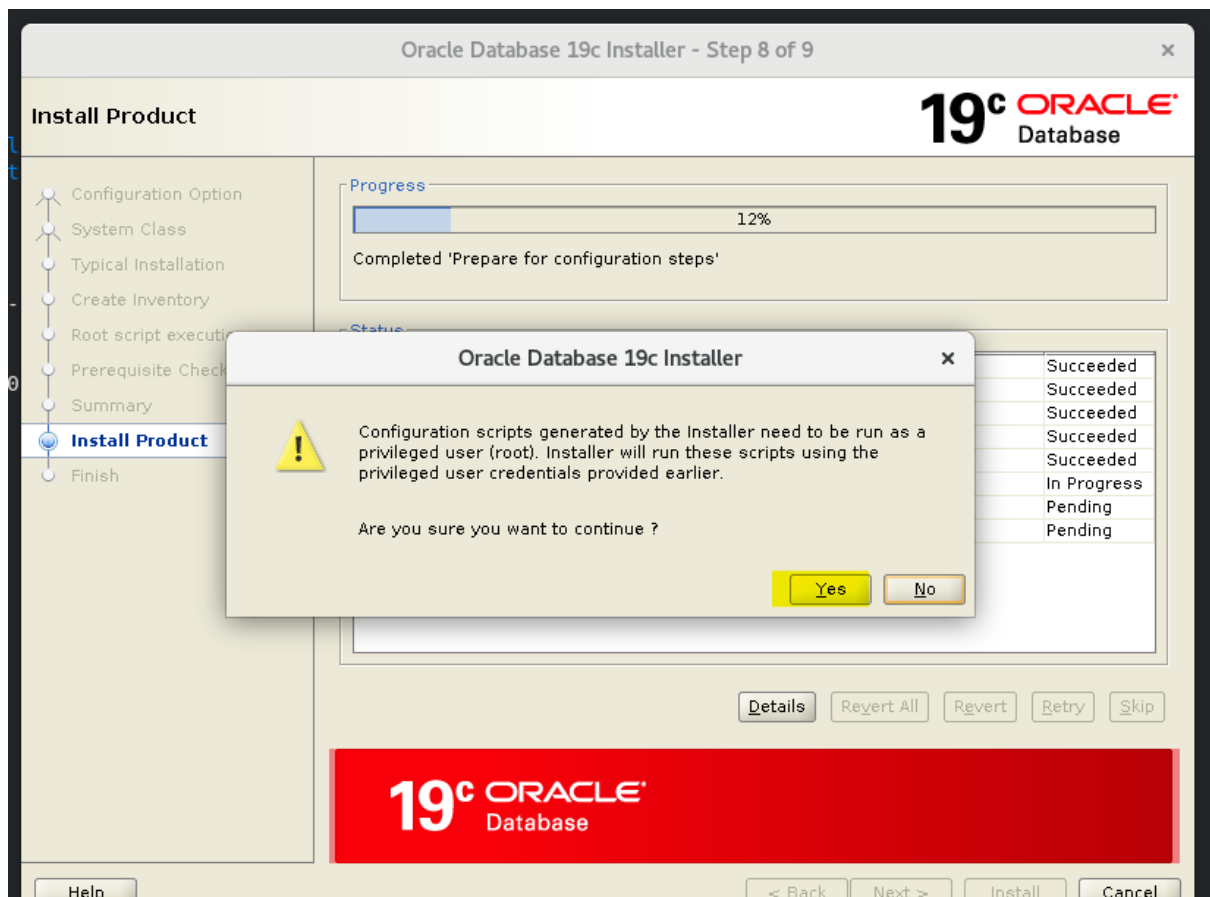
Next >

Install

Cancel







Finish

19^c ORACLE[®]
Database

- Configuration Option
- System Class
- Typical Installation
- Root script execution
- Prerequisite Checks
- Summary
- Install Product

Finish

The configuration of Oracle Database was successful.

Note:

Oracle Enterprise Manager Database Express URL: <https://localhost:5500/em>

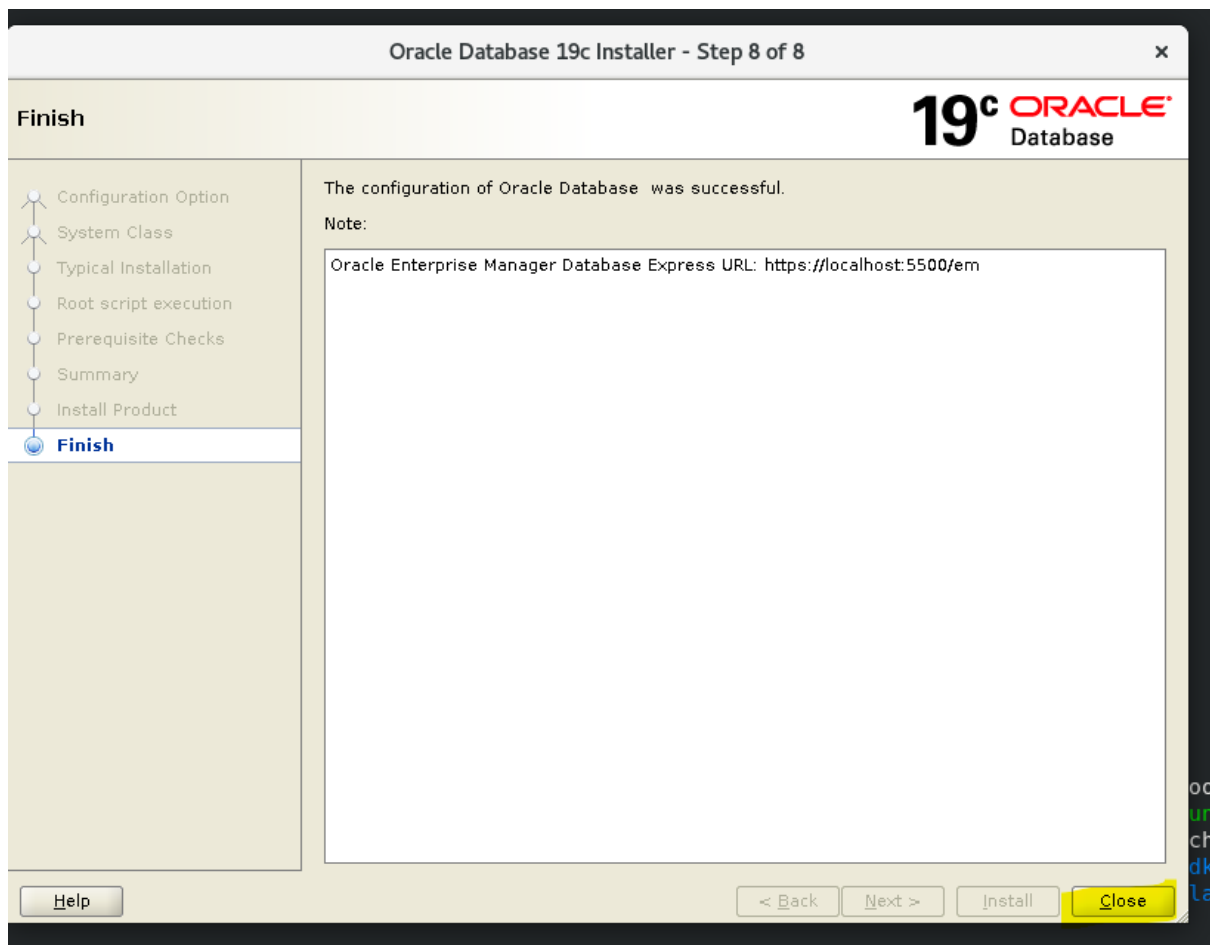
Help

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Install

Close



Installation Successful