

Windows Virtual Machine Installation Steps

1. Click on the below link or copy and paste the below link to a browser to install Oracle virtual machine.

<http://www.oracle.com/technetwork/database/enterprise-edition/databaseappdev-vm-161299.html>

2. Scroll down and click on **Accept License Agreement**

Setup:

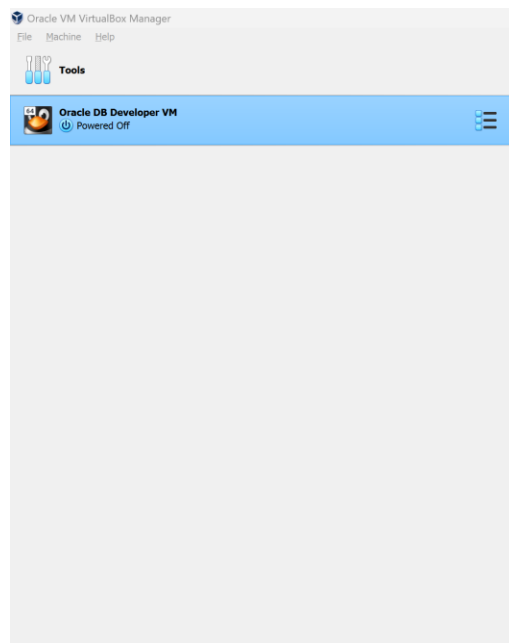
Step 1. Download and install [Oracle VM VirtualBox](#) on your host system.

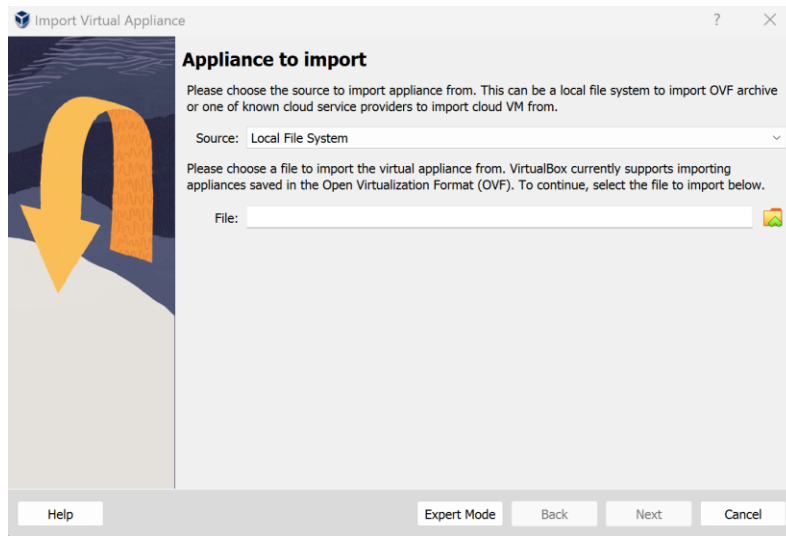
Step 2. Download the [Oracle DB Developer VM](#) using this hyperlink.

Step 3. Install Oracle VM and follow the next steps to import the Oracle DB file to the Virtual VM.

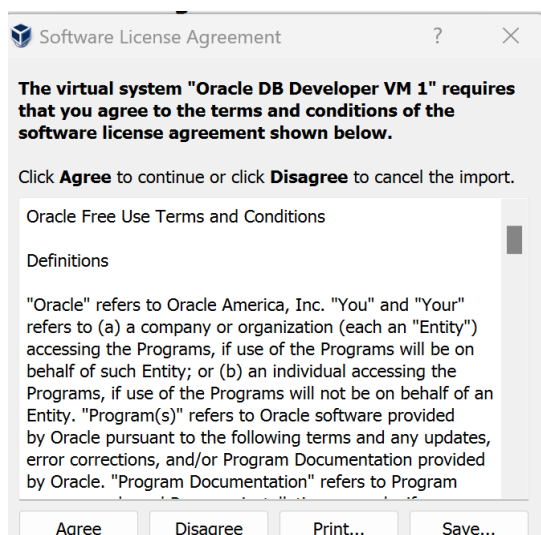
Step 4. Import your VM: Once you are in the **Oracle VM Virtual Box Manager** follow the below steps:

Click on the option **File** on the top left corner> **Import Alliance** to launch Appliance Import Wizard> Click on the File and choose the downloaded **Oracle DB file** (approx. 6.9 GB)

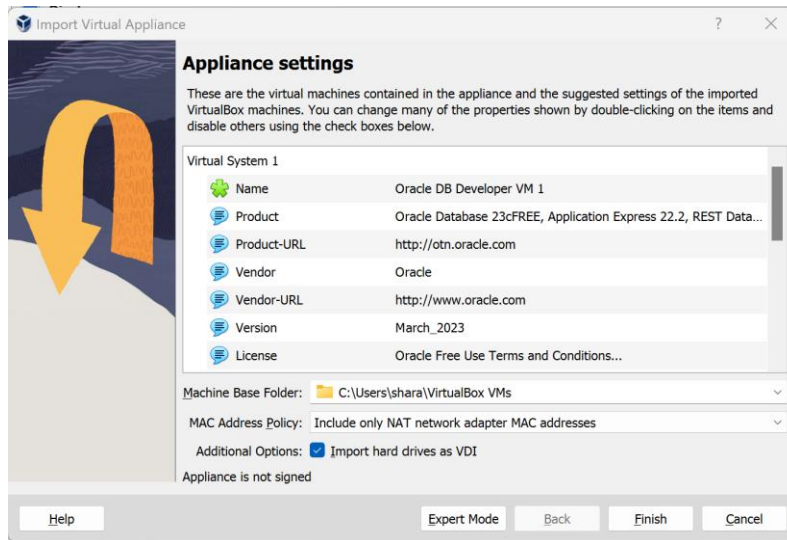




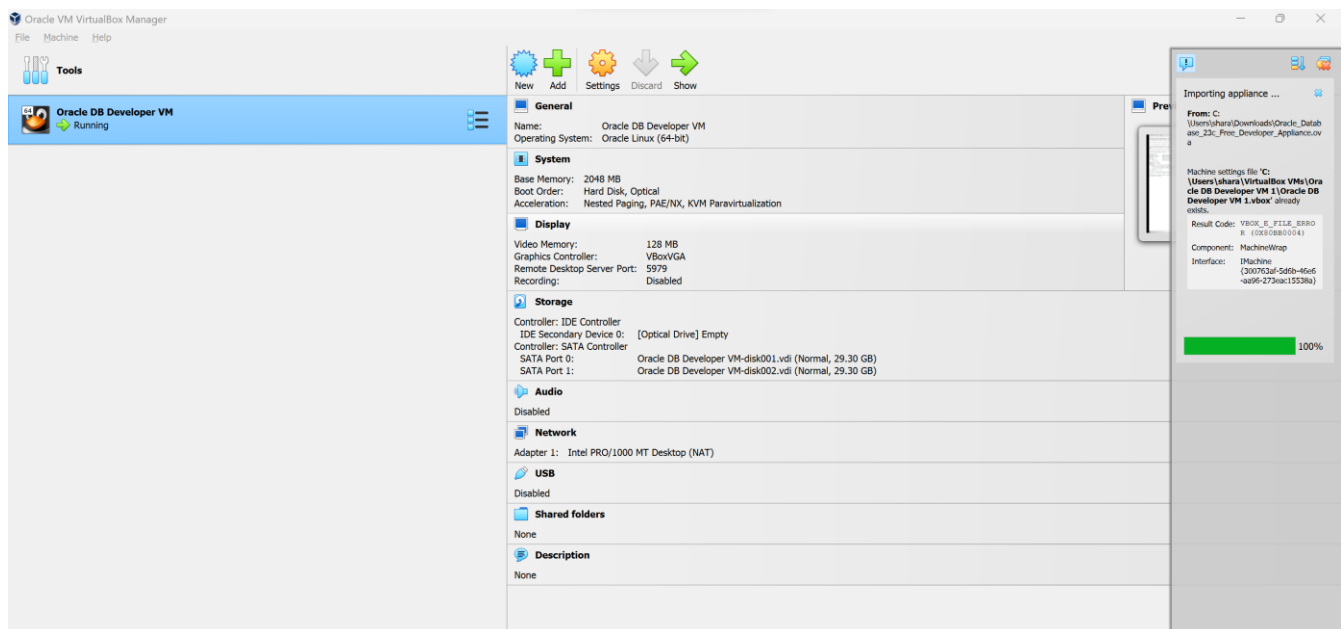
It will prompt you to agree to the appropriate developer licenses while importing.
Click on 'Agree'.



Click 'Finish' to import the Oracle DB file to the virtual machine.



Step 5. After importing the DB file to VM, double click on the **ORACLE DB DEVELOPER VM** (with a little penguin) which starts the virtual process.



Step 6. Once installation is complete you will be logged onto the Oracle VM which will be seen as shown in the below screenshot.

Click on the **Applications** icon on the upper left hand corner and click on **terminal** option to open the Linux terminal.

Inside this Linux box (white screen), check the **ORACLE_HOME** and **ORACLE_SID** path by using the following commands:

echo \$ORACLE_HOME and **echo \$ORACLE_SID** (there is a space between the echo and the dollar sign)

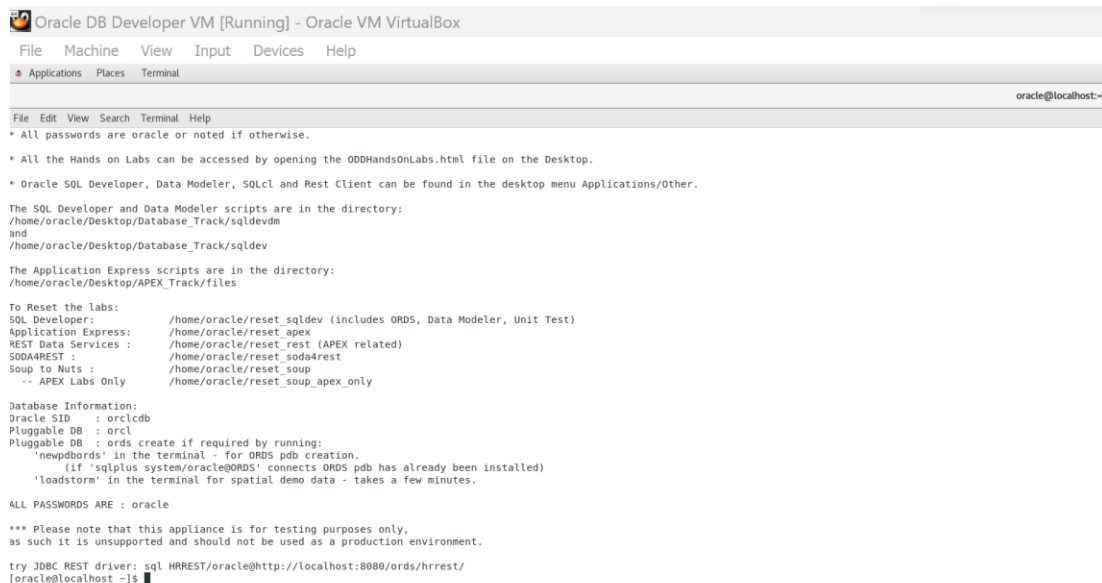
It should be **ORACLE_HOME=/u01/app/oracle/product/version/db_1** and **ORACLE_SID=orclpdb**

Try to connect to the database using the command:

sqlplus scott@orcl

password: **oracle**

And check if you can connect to the database. Type exit to return to the Linux prompt. This indicates that the Oracle VM is ready for connection with the MicroStrategy Desktop.



```
Oracle DB Developer VM [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places Terminal
oracle@localhost:~$

File Edit View Search Terminal Help
* All passwords are oracle or noted if otherwise.
* All the Hands on Labs can be accessed by opening the ODDHandsOnLabs.html file on the Desktop.
* Oracle SQL Developer, Data Modeler, SQLcl and Rest Client can be found in the desktop menu Applications/Other.

The SQL Developer and Data Modeler scripts are in the directory:
/home/oracle/Desktop/Database_Track/sqldevdm
and
/home/oracle/Desktop/Database_Track/sqldev

The Application Express scripts are in the directory:
/home/oracle/Desktop/APEX_Track/files

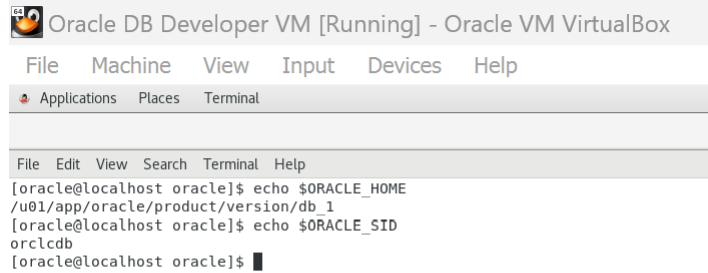
To Reset the Labs:
SQL Developer:      /home/oracle/reset_sqldev (includes ORDS, Data Modeler, Unit Test)
Application Express: /home/oracle/reset_apex
REST Data Services : /home/oracle/reset_rest (APEX related)
SODA4REST :         /home/oracle/reset_soda4rest
Soup to Nuts :      /home/oracle/reset_soup
-- APEX Labs Only   /home/oracle/reset_soup_apex_only

Database Information:
Oracle SID : orclpdb
Pluggable DB : orcl
Pluggable DB : ords create if required by running:
'newpdbords' in the terminal - for ORDS pdb creation.
(if 'sqlplus system/oracle@ORDS' connects ORDS pdb has already been installed)
'loadstorm' in the terminal for spatial demo data - takes a few minutes.

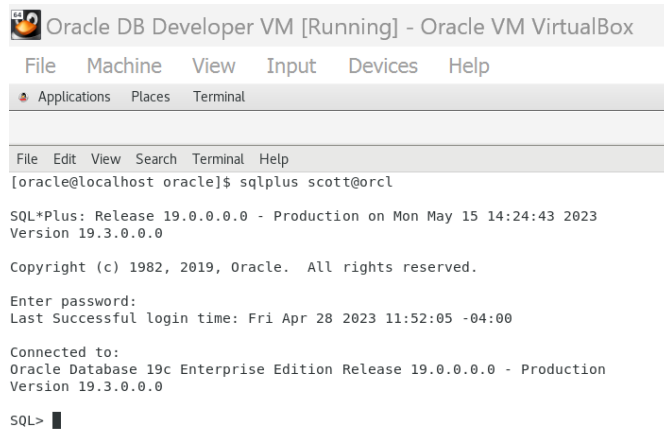
ALL PASSWORDS ARE : oracle

*** Please note that this appliance is for testing purposes only,
as such it is unsupported and should not be used as a production environment.

try JDBC REST driver: sql HRREST/oracle@http://localhost:8080/ords/hrrest/
[oracle@localhost ~]$
```



```
Oracle DB Developer VM [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places Terminal
File Edit View Search Terminal Help
[oracle@localhost oracle]$ echo $ORACLE_HOME
/u01/app/oracle/product/version/db 1
[oracle@localhost oracle]$ echo $ORACLE_SID
orclpdb
[oracle@localhost oracle]$
```



```
Oracle DB Developer VM [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places Terminal
File Edit View Search Terminal Help
[oracle@localhost oracle]$ sqlplus scott@orcl

SQL*Plus: Release 19.0.0.0.0 - Production on Mon May 15 14:24:43 2023
Version 19.3.0.0.0

Copyright (c) 1982, 2019, Oracle. All rights reserved.

Enter password:
Last Successful login time: Fri Apr 28 2023 11:52:05 -04:00

Connected to:
Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production
Version 19.3.0.0.0

SQL>
```

Now we will download the MicroStrategy Workstation version to connect it to the Oracle VM.