



Relational Database Concepts

How To Connect To An Oracle Database

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Objectives

- Learn the tools used to connect to an oracle database.
- Connect to a database locally.
- Connect to a database remotely.



Types Of Database Connections

Local Connections

- Running SQL Command Line (or any other Oracle command-line utility) on the same host computer where Oracle Database 11gR2 is installed.



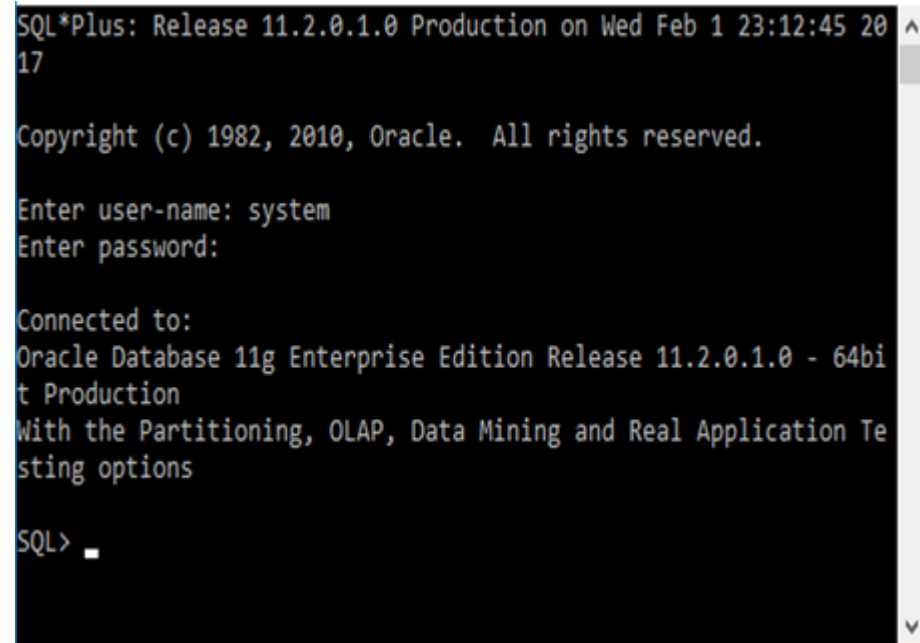
Types Of Database Connections

Remote Connections

- Connecting remotely means running sqlplus on a computer other than the Oracle Database 11g R2 host or windows computer by initiating a database connection from SQL plus.

How To Connect To A Windows Database Locally

- Using SQL*plus

A screenshot of a terminal window with a black background and white text. The text shows the SQL*Plus startup sequence: the release information (11.2.0.1.0 Production on Wed Feb 1 23:12:45 2017), the copyright notice (Copyright (c) 1982, 2010, Oracle. All rights reserved.), the user login (Enter user-name: system), the password prompt (Enter password:), the connection status (Connected to: Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - 64bit Production), and the available options (With the Partitioning, OLAP, Data Mining and Real Application Testing options). The prompt SQL> is followed by a cursor.

```
SQL*Plus: Release 11.2.0.1.0 Production on Wed Feb 1 23:12:45 2017

Copyright (c) 1982, 2010, Oracle. All rights reserved.

Enter user-name: system
Enter password:

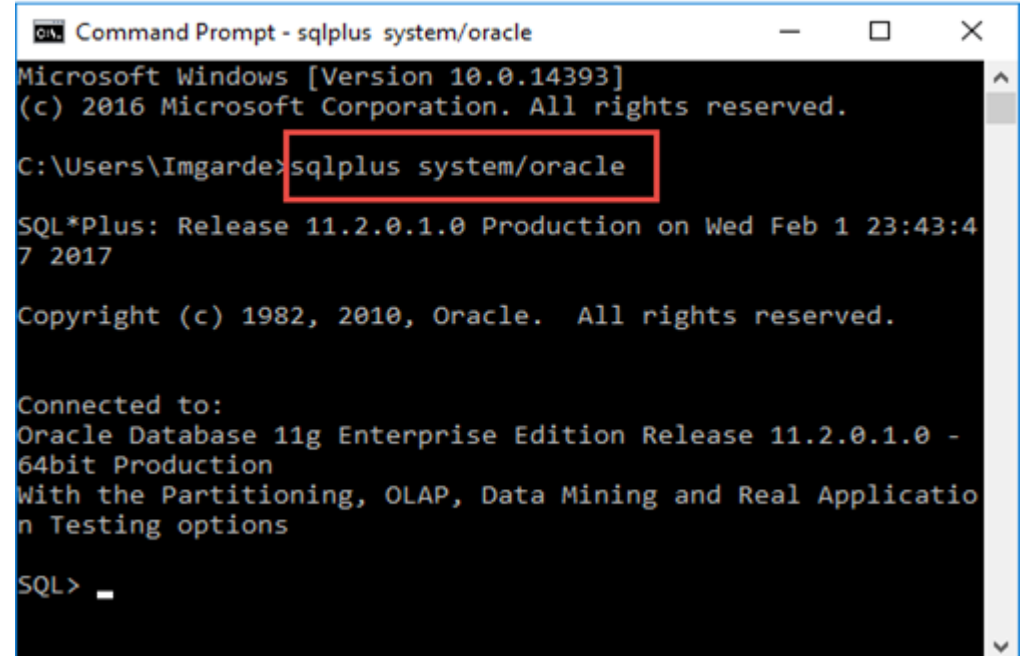
Connected to:
Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - 64bit
Production
With the Partitioning, OLAP, Data Mining and Real Application Te
sting options

SQL> _
```

How To Connect To A Windows Database Locally

- Using Command Prompt

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```
Command Prompt - sqlplus system/oracle
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\Imgarde>sqlplus system/oracle

SQL*Plus: Release 11.2.0.1.0 Production on Wed Feb 1 23:43:47 2017

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Connected to:
Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 -
64bit Production
With the Partitioning, OLAP, Data Mining and Real Application
Testing options

SQL> _
```