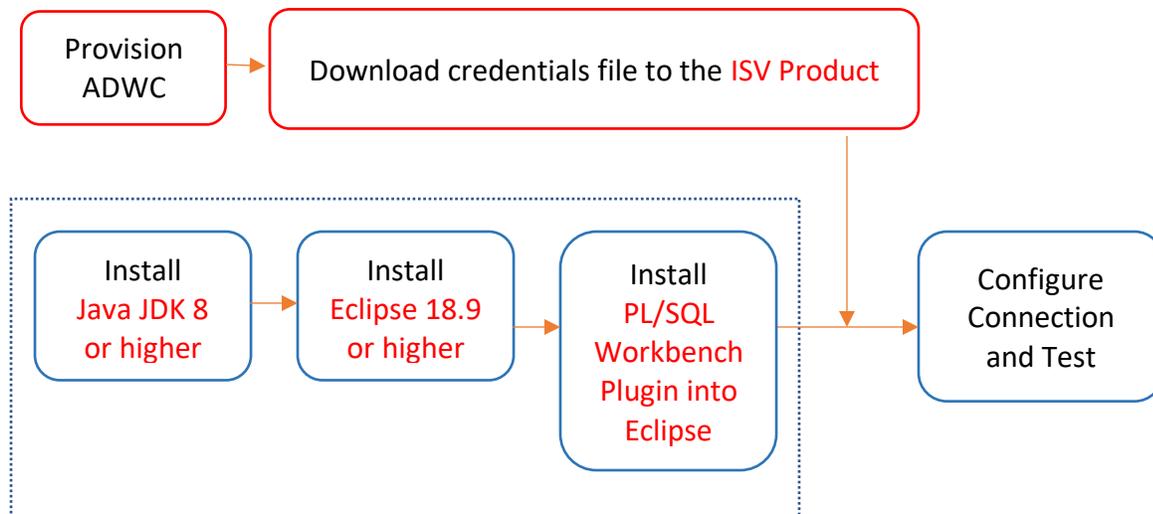


# Creating a connection from **PL/SQL Workbench** to Oracle Autonomous Data Warehouse (ADW)

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Validation Matrix	Version
PL/SQL Workbench	2.5.17

## Configuration Steps



## Step 1: Provision ADWC plus Install and Configure Oracle Client

1. Provision Autonomous Data Warehouse Cloud (ADWC) and download the corresponding credentials.zip file to the system that will have the **PL/SQL Workbench** installation. For the Oracle documentation to provision ADWC click [here](#). Also check [Downloading Client Credentials \(Wallets\)](#).
2. All connections to Autonomous Data Warehouse Cloud use certificate-based authentication and Secure Sockets Layer (SSL). Uncompress credentials.zip file into a secure folder.
3. Optional : Download the Oracle [Database Client](#) to the system where **ISV Product** is installed. Validate that the Oracle Database Client can communicate with ADWC, and since it is installed on the same system as **XXX**, it ensures that **ISV Product** is also configured correctly.
4. Optional : Edit the `sqlnet.ora` file, replacing “`*/network/admin`” with the name of the folder containing the client credentials.

For example:

```
WALLET_LOCATION = (SOURCE = (METHOD = file) (METHOD_DATA =
(DIRECTORY="/home/adwc_credentials")))
SSL_SERVER_DN_MATCH=yes
```

5. Optional : Create the `TNS_ADMIN` environment variable and set it to the location of the secure folder containing the credentials file you saved in Step 3. The `tnsnames.ora` file provided with the credentials zip file contains three database service names identifiable as `high`, `medium` and `low`. The predefined service names provide different levels of performance and concurrency for Autonomous Data Warehouse Cloud. Use one of these service names in your `ConnectionString`.
6. Optional : Test the Oracle Client with Oracle SQL\*Plus

```
sqlplus password/"Password"@ConnectionString
or
sqlplus /nolog
sql> set define off
sql> connect username/password@connectString
```

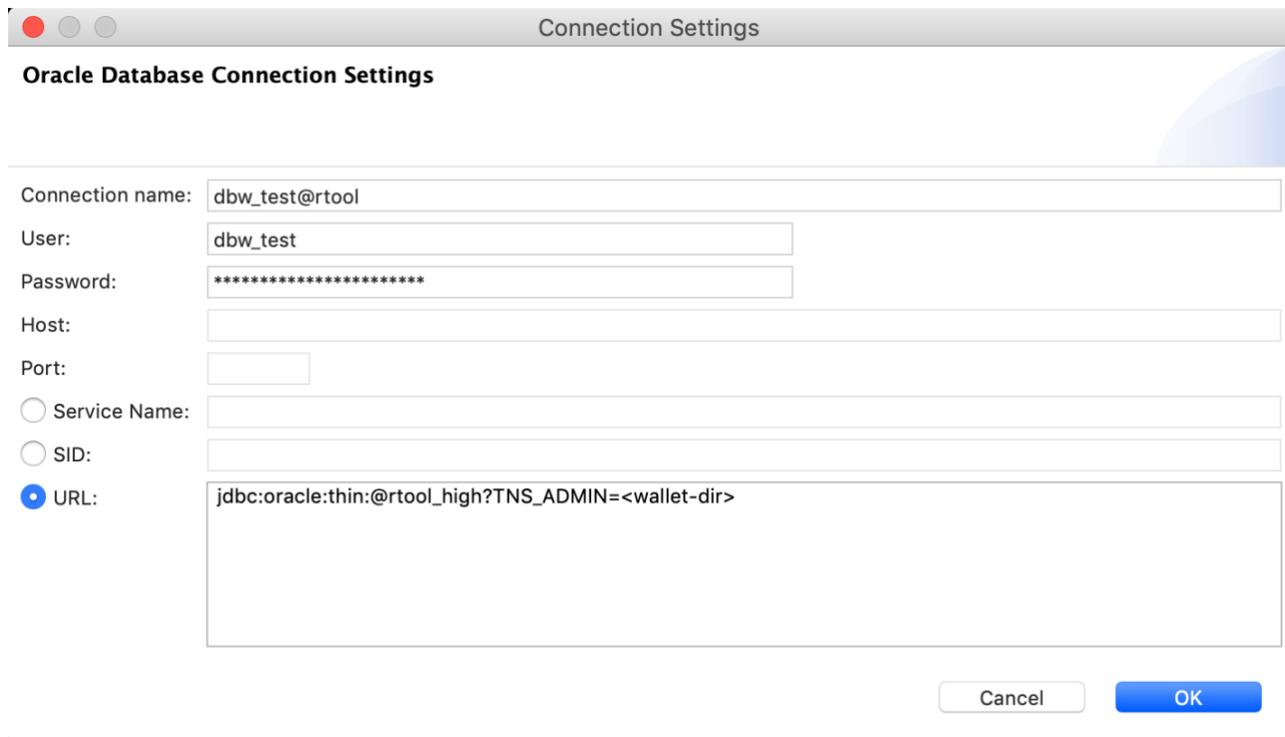
If the connection is successful you are ready to move to the next step.

## Step 2. Configure Connection of **PL/SQL Workbench**

### Prerequisite

- An Oracle Autonomous Database ATP/ADW has been provisioned
- The credentials wallet zip-file has been downloaded und unpacked into a directory. (named : <wallet-dir>) (<https://docs.oracle.com/en/cloud/paas/atp-cloud/atpug/connect-download-wallet.html#GUID-B06202D2-0597-41AA-9481-3B174F75D4B1>)
- Java JDK 8 or higher is installed (<https://www.oracle.com/technetwork/java/javase/downloads/index.html>).
- Eclipse IDE is installed (<https://www.eclipse.org/downloads>).
- PL/SQL Workbench has been installed (<http://www.jr-database-tools.de/download>).

1. Start the Eclipse IDE.
2. Open the PL/SQL Workbench Perspective press  on the global toolbar.
3. Press  in PL/SQL Navigator View to open the Connection Dialog.
4. Edit the Connection Settings
  - Edit ‚Connection Name‘, ‚User‘, ‚Password‘ and choose URL
  - Insert the connection settings like using a JDBC connection e.g. : jdbc:oracle:thin:@rtool\_high?TNS\_ADMIN=<wallet-dir>



Connection name: dbw\_test@rtool

User: dbw\_test

Password: \*\*\*\*\*

Host:

Port:

Service Name:

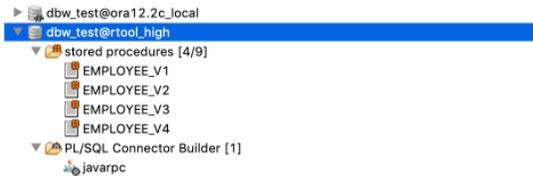
SID:

URL: jdbc:oracle:thin:@rtool\_high?TNS\_ADMIN=<wallet-dir>

Cancel OK

### Step 3. Using the Connection

- Press  in PL/SQL Navigator View to add a Script Folder with packages, functions, procedures and/or triggers.
- Press  to add new PL/SQL Connectors



- More Information : [www.jr-database-tools.de](http://www.jr-database-tools.de)