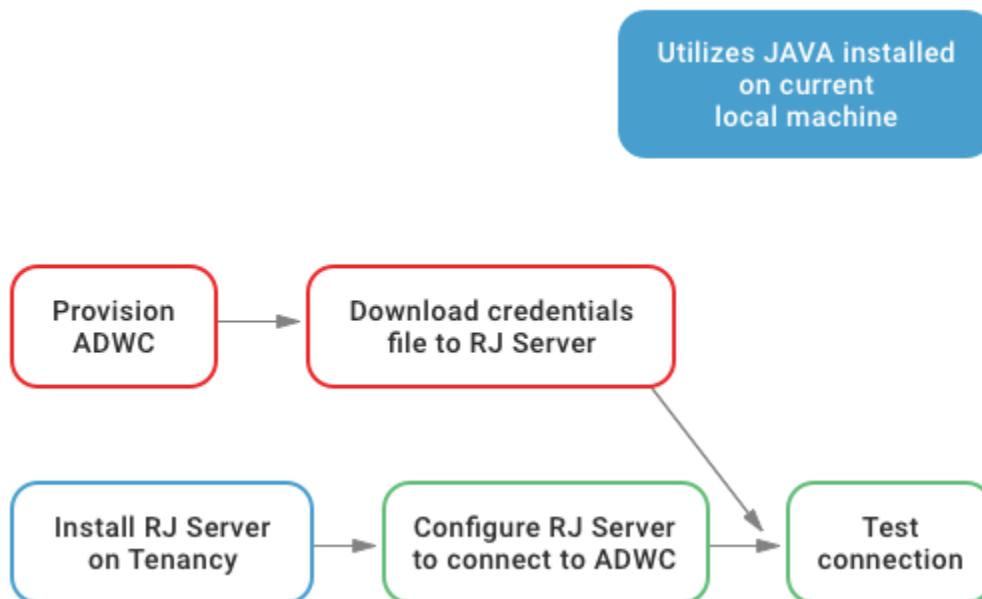


# Creating a Connection from Relational Junction to Oracle Autonomous Data Warehouse (ADW)

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| Validation Matrix        | Version       |
|--------------------------|---------------|
| Relational Junction (RJ) | 6.1 or higher |
| Oracle Client            | 12c or higher |

## Configuration Steps



*The flow of the install and configuration process*

# Step 1: Provisioning the ADWC Instance and Installing and Configuring the Oracle Client

Provision Autonomous Data Warehouse Cloud (ADWC) and download the corresponding credentials.zip file to the system that will have the Relational Junction server installation. To retrieve the Oracle documentation on provisioning ADWC, click [here](#). Also, check out the information on [Downloading Client Credentials \(Wallets\)](#).

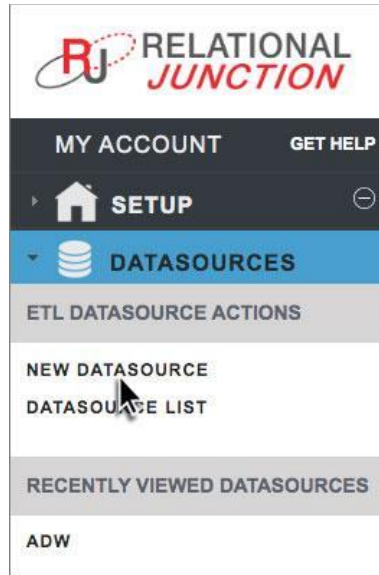
## Step 2. Install Relational Junction

For pre-existing Relational Junction installations, jump to Step 3, which details the steps needed to configure ADWC as a target.

If this is a new installation, use the following steps:

- 1) Purchase Relational Junction:
  - a) from the Sesame Software website <https://sesamesoftware.com/request-a-demo/>
  - b) or on the Oracle Cloud Marketplace [https://cloudmarketplace.oracle.com/marketplace/en\\_US/listing/53395658](https://cloudmarketplace.oracle.com/marketplace/en_US/listing/53395658)
  - c) or on the Oracle Cloud Marketplace BYOL Listing [https://cloudmarketplace.oracle.com/marketplace/en\\_US/listing/65298773](https://cloudmarketplace.oracle.com/marketplace/en_US/listing/65298773)
- 2) Register the product with our company.
- 3) Contact our Support department at [support@sesamesoftware.com](mailto:support@sesamesoftware.com) for installation and setup assistance that you may require.

## Step 3: Configuring Relational Junction's Datasource to Connect with ADWC




*UI indicating the action to create a new Datasource*

- 1) After installation, configure the product to connect to the ADW data source and your selected target. Start by clicking on the Datasources tab. Then click on New Datasource to bring up the Add New Datasource popup screen.

A screenshot of the 'ADD NEW DATASOURCE' popup window. The window has a title bar with the text 'ADD NEW DATASOURCE' and a close button (X). The main content area contains two fields: 'Datasource Label:' with a text input field containing the value 'adw', and 'Junction:' with a dropdown menu showing 'JDBC Driver Junction'. At the bottom right of the window, there are two buttons: 'SAVE' and 'CANCEL'.

*Add New Datasource popup screen*

- 2) Give the datasource a meaningful label to help you identify it.
- 3) Choose the JDBC Driver Junction option from the dropdown menu.
- 4) Save the new datasource.



The screenshot shows a web interface for configuring a datasource. At the top, there are two tabs: 'Jobs' and 'Datasource: adw'. The 'Datasource: adw' tab is active. Below the tabs, there are two input fields. The first is labeled 'Label\*' and contains the text 'adw'. The second is labeled 'Template\*' and is a dropdown menu with 'OracleADW' selected. Below these fields is a blue button with a white arrow pointing down and the text 'SAVE'. A mouse cursor is pointing at the 'SAVE' button.

*Datasource tab presenting template selection screen*

- 5) When the configuration page opens, choose the OracleADW option from the dropdown menu.
- 6) Then click on the Save button.



The screenshot shows the 'Logon Information' section of the OracleADW Datasource configuration. At the top, there is a 'DBMS' dropdown menu set to 'ORACLE'. Below it is a section titled 'Logon Information' with a dropdown arrow. Inside this section, there are four input fields: 'Username', 'Password', 'Schema', and 'DB Service Name'. Each field has a red asterisk and an information icon to its left.

*OracleADW Datasource login information section*

- 7) After choosing the OracleADW template, enter the required credentials for ADW instance:
  - a) Enter the ADW Username that will be used.
  - b) Enter the ADW Password that will be used.

- c) Enter the name of the schema that is going to be used for this datasource.
- d) Enter the DB Service Name being used.

The screenshot shows the 'Object Storage' configuration page in the Oracle Cloud Infrastructure console. At the top, there is a 'DBMS' dropdown menu set to 'ORACLE'. Below this, the 'Object Storage' section is expanded, showing a list of configuration fields with corresponding input boxes:

- User OCID
- Private Key
- Wallet Location
- Wallet Password
- Tenancy
- Region
- Pass Phrase
- Fingerprint
- Compartment
- Auth Token
- OCI Username

*Datasource Temporary Storage configuration*

- 8) Choose one of the following Temporary Storage Locations (a or b):
- a) Local filesystem storage
    - i) If you are using local filesystem storage, go directly to step 9.
  - b) Object Storage
    - i) Add credentials:
      - (1) Enter the User OCID (Oracle Cloud Id), e.g.,  
ocid1.user.oc1..aaaaaaaas\_\_\_\_\_o3r
      - (2) Paste in the Private Key that was generated on your system to allow you to get the authtoken.
      - (3) Tenancy - Paste or enter your OCID, e.g.,  
ocid1.tenancy.oc1..aaaaaaaab\_\_\_\_\_dsq

- (4) Region - This is the physical location where the instance resides, e.g., “Phoenix” or “Ashburn”
- (5) Passphrase - If securing the Private Key with a Passphrase, enter it here
- (6) Fingerprint - Verifies the Private Key that you entered, e.g., 20:3b:97:13:55:1c:5b:0d:d3:37:d8:50:4e:c5:3a:34
- (7) Compartment - Paste or enter your OCID, e.g., ocid1.compartment.oc1..aaaaaaaas\_\_\_\_\_o3r
- (8) Authtoken - Encoded string for 2 factor authentication
- (9) OCI Username - Oracle Cloud Username
- (10) Continue to step 9.



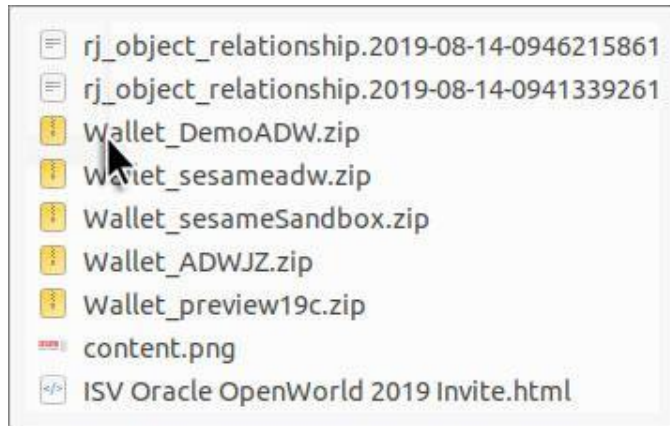
*UI indicating action to use the File Wizard*

9) Click on File Wizard.



*UI indicating how to interface with the file manager*

10) Click on the Choose File button to bring up the screen to pick a file.

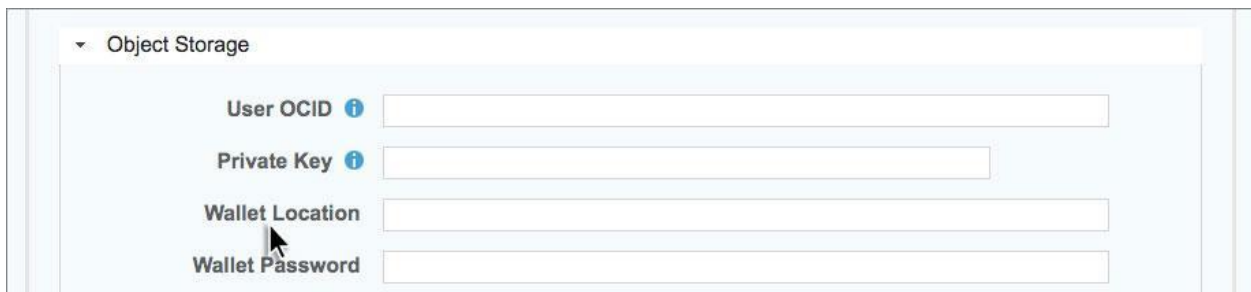


*Example of file manager*

a) Choose the Wallet file that you will be using, e.g., Wallet\_Demo\_ADW.zip



11) Click on the Upload button to add the Wallet file you want to use.



*UI showing the field that will need to have the zip file's name entered*

12) Put the name of the Wallet file in the Wallet Location section.

a) e.g., Wallet\_Demo\_ADW

b) If there is a password required for the Wallet, that can also be entered on the next line.

▼ Logon Information

Username \* ⓘ

Password \* ⓘ

Schema \* ⓘ

DB Service Name \* ⓘ

Date Field(s) Used for Filtering ⓘ

Schema Prefix Case ⓘ NONE ▾

Table Name Case ⓘ NONE ▾

Select Fields ⓘ FIELD\_LIST ▾

Writer Class ⓘ Local Filesystem ▾

Batch Mode ⓘ

► Object Storage

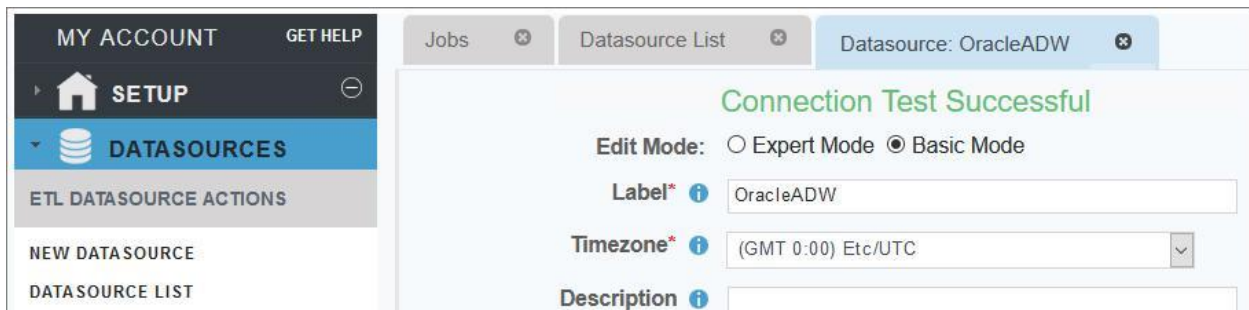
*Metadata Configuration*

- 13) Enter the name of the Date Field, or Fields, that you wish to key the incremental downloads on.
- 14) Set Schema Prefix to upper.
- 15) Set Table Name case to upper.



*UI depicting the button to test the Datasource*

- 16) Click Test.



*UI depicting confirmation that Connection Test is successful*



17) You should see a message that says Connection Test Successful.



*UI depicting the button to save and close the Datasource in the current configuration*

18) Click Save And Close.