

Oracle Real-Time Scheduler
GEOCODE Data Source Configuration Guide
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Oracle Real-Time Scheduler GEOCODE Data Source Configuration Guide, Release 2.3.0.3.0

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Preface

Welcome to the Oracle Real-Time Scheduler GEOCODE Data Source Configuration Guide.

This guide focuses on the datasource configuration details for GEOCODE.

The preface includes information about:

- [Audience](#)
- [Related Documents](#)
- [Updates to Documentation](#)
- [Additional Resources](#)
- [Acronyms](#)
- [Conventions](#)

Audience

This guide is intended for anyone interested in the process of installing Oracle Real-Time Scheduler.

Related Documents

The following is the complete set of documentation available with this release.

Installation, Configuration, and Release Notes

- *Oracle Real-Time Scheduler Release Notes*
- *Oracle Real-Time Scheduler Quick Install Guide*
- *Oracle Real-Time Scheduler Server Application Installation Guide*
- *Oracle Real-Time Scheduler Database Administrator Guide*
- *Oracle Real-Time Scheduler Hybrid Mobile Application Installation and Deployment Guide*
- *Oracle Real-Time Scheduler GEOCODE Data Source Configuration Guide*
- *Oracle Real-Time Scheduler JMS Setup Guide*

User Guides

- *Oracle Real-Time Scheduler Administrative User Guide*
- *Oracle Real-Time Scheduler Business User Guide*
- *Oracle Real-Time Scheduler Mobile Application User's Guide (Java-based)*
- *Oracle Real-Time Scheduler Hybrid Mobile Application User's Guide*
- *Oracle Real-Time Scheduler Hybrid Mobile Contractor Application User's Guide*

Map Editor Installation and User Guides

- *Oracle Real-Time Scheduler Map Editor User's Guide*
- *Oracle Real-Time Scheduler Map Editor Installation Guide*

Supplemental Documents

- *Oracle Real-Time Scheduler Server Administration Guide*
- *Oracle Real-Time Scheduler Security Guide*

Updates to Documentation

Additional and updated information about the product is available from the **Knowledge Base** section of **My Oracle Support** (<http://support.oracle.com>). Please refer to **My Oracle Support** for more information. Documentation updates are also posted on the Oracle Technology Network documentation page as they become available (http://docs.oracle.com/cd/E72219_01/documentation.html).

Additional Resources

For more information and support, visit the Oracle Support Web site at:
<http://www.oracle.com/support/index.html>

Acronyms

The following acronyms and terms are used in this document:

Acronym	Definition
MWM	Oracle Utilities Mobile Workforce Management
OMS	Oracle Mobile Server
MOS	My Oracle Support
ORS	Oracle Real-Time Scheduler
OSG	Oracle Spatial Geocoder
OSDC	Oracle Software Delivery Cloud
OAAF	Oracle Utilities Application Framework

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

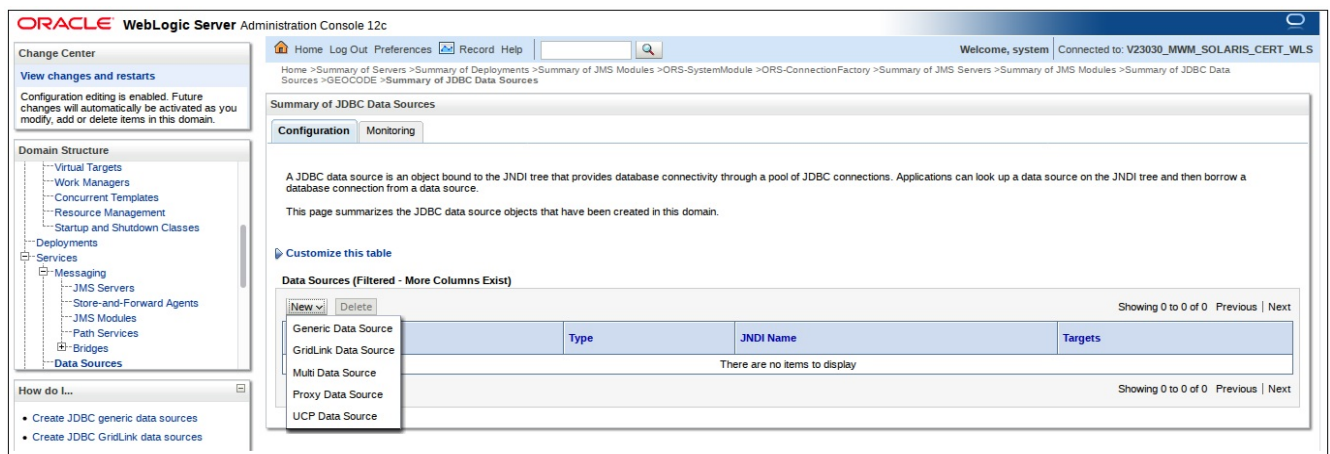
Chapter 1

Configuring GEOCODE Data Source

This chapter explains the configuration details as an example in which GEOCODE DataSource is deployed to utilities_server1 as the target server. You may also target to a cluster name if it is on a cluster.

To configure the JDBC data source:

1. Login to WebLogic Server.
2. On the Administration Console, navigate to **Domain Structure > Services > Data Sources**.
3. In the **Data Sources** section, select **New > Generic Data Source**.



4. Enter the values listed as below:
 - Name: GEOCODE
 - JNDI Name: NAVTEQ_UTIL
 - Database Type: Oracle
 - Database Driver: Oracle's Driver (Thin XA) for Instance connections; Versions:any
5. Click **Next**.
6. On the **Connection Properties** page, enter the following database credentials:
 - Database Name
 - Host Name

- Port
- User Name
- Password

Connection Properties
Define Connection Properties.

What is the name of the database you would like to connect to?

Database Name:

What is the name or IP address of the database server?

Host Name:

What is the port on the database server used to connect to the database?

Port:

What database account user name do you want to use to create database connections?

Database User Name:

What is the database account password to use to create database connections?

Password:

Confirm Password:

Additional Connection Properties:

oracle.jdbc.DRCPConnectionClass:

7. Click **Next**.
8. Select **utilities_server1** as the Target.
9. Click **Next**.
10. In the **Test Table Name** field, enter the table to use to test the connection.

What are the properties to pass to the JDBC driver when creating database connections?

Properties:
user=NAVTEQ_UTIL

The set of driver properties whose values are derived at runtime from the named system property.

System Properties:

What table name or SQL statement would you like to use to test database connections?

Test Table Name:
SQL ISVALID

11. Click **Test Configuration** to test the database configuration.
12. After the connection is successful, click **Next**.
13. Deploy utilities_server1.

A successful configuration looks like below.

Summary of JDBC Data Sources

Configuration | Monitoring

A JDBC data source is an object bound to the JNDI tree that provides database connectivity through a pool of JDBC connections. Applications can look up a data source on the JNDI tree and then borrow a database connection from a data source.

This page summarizes the JDBC data source objects that have been created in this domain.

[Customize this table](#)

Data Sources (Filtered - More Columns Exist)

New ▾ Delete

Showing 1 to 1 of 1 Previous | Next

<input type="checkbox"/>	Name ↕	Type	JNDI Name	Targets
<input type="checkbox"/>	GEOCODE	Generic	NAVTEQ_UTIL	utilities_server1

New ▾ Delete

Showing 1 to 1 of 1 Previous | Next

Important! Make sure that in the Menu Block 10 Geocode Data Source Configuration, the connection string and database configuration matches the one configured in the Admin server.

```

10. Geocode Data Source Configuration
   JDBC URL for the Geocode database:          jdbc:oracle:thin:dbserver.oracle.com:1521:M2303DB
   Database User Name:                        NAVTEQ_UTIL
   Database Password:                         {3DES}pCURLLpMZBvMG2L9F3Md2w==
   JNDI name for the Geocode datasource:      NAVTEQ_UTIL

```