

**Oracle Utilities Mobile Workforce
Management**
GEOCODE Data Source Configuration Guide
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Oracle Utilities Mobile Workforce Management GEOCODE Data Source Configuration Guide, Release 2.3.0.3.0

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Contents

Preface	i
Audience	ii
Related Documents	ii
Updates to Documentation.....	ii
Additional Resources	ii
Acronyms	iii
Conventions.....	iii
Chapter 1	
Configuring GEOCODE Data Source	1-1

Preface

Welcome to the Oracle Utilities Mobile Workforce Management 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 Utilities Mobile Workforce Management.

Related Documents

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

Installation, Configuration, and Release Notes

- *Oracle Utilities Mobile Workforce Management Release Notes*
- *Oracle Utilities Mobile Workforce Management Quick Install Guide*
- *Oracle Utilities Mobile Workforce Management Server Application Installation Guide*
- *Oracle Utilities Mobile Workforce Management Database Administrator Guide*
- *Oracle Utilities Mobile Workforce Management Hybrid Mobile Application Installation and Deployment Guide*
- *Oracle Utilities Mobile Workforce Management GEOCODE Data Source Configuration Guide*
- *Oracle Utilities Mobile Workforce Management JMS Setup Guide*

User Guides

- *Oracle Utilities Mobile Workforce Management Administrative User Guide*
- *Oracle Utilities Mobile Workforce Management Business User Guide*
- *Oracle Utilities Mobile Workforce Management Mobile Application User's Guide (Java-based)*
- *Oracle Utilities Mobile Workforce Management Hybrid Mobile Application User's Guide*
- *Oracle Utilities Mobile Workforce Management Hybrid Mobile Contractor Application User's Guide*

Map Editor Installation and User Guides

- *Oracle Utilities Mobile Workforce Management Map Editor User's Guide*
- *Oracle Utilities Mobile Workforce Management Map Editor Installation Guide*

Supplemental Documents

- *Oracle Utilities Mobile Workforce Management Server Administration Guide*
- *Oracle Utilities Mobile Workforce Management 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.

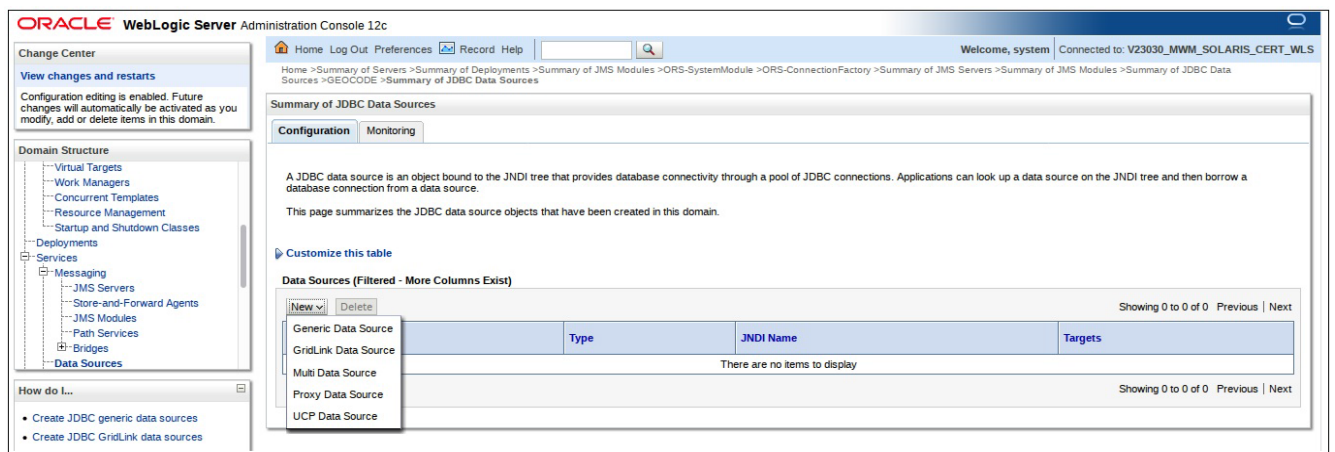
Chapter 1

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)

Showing 1 to 1 of 1 Previous | Next

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

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
  
```