

Oracle Tax Analytics

Quick Install Guide

Release 1.1.0.0

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Oracle Tax Analytics Quick Install Guide

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Preface

This guide provides an overview of installing Oracle Tax Analytics.

This preface contains these topics:

- **Audience**
- **Related Documents**
- **Conventions**

Audience

This document is intended for Business Intelligence managers and implementers of Oracle Tax Analytics.

Related Documents

For more information, see these Oracle documents:

- *Oracle Tax Analytics Installation Guide*
- *Oracle Tax Analytics Configuration Guide*

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

Oracle Tax Analytics Installation Overview

This guide provides a high-level overview of the installation steps for Oracle Tax Analytics version 1.1.0.0 and selected additional software. For more information, see the *Oracle Tax Analytics Installation Guide*. This guide includes the following topics:

- **Oracle Tax Analytics Media Pack Contents**
- **Additional Software Requirements**
- **Components for Oracle Tax Analytics**
- **Network Environment Overview**
- **Certified and Supported Platforms**
- **Installing Oracle Tax Analytics**
- **Contacting Oracle Support**

Please visit My Oracle Support (<http://support.oracle.com>) for the most recent service packs and patches for this release to ensure you have the most current version of this product.

Refer to Oracle Bug 11869147 for any updates to this document.

Oracle Tax Analytics Media Pack Contents

The Oracle Tax Analytics Media Pack consists of the following packages:

- Oracle Tax Analytics version 1.1.0.0 Release Notes
- Oracle Tax Analytics version 1.1.0.0 Quick Install Guide
- Oracle Tax Analytics version 1.1.0.0 Installation Guide
- Oracle Tax Analytics version 1.1.0.0 Configuration Guide
- Oracle Tax Analytics version 1.1.0.0 Licensing and Packaging Guide
- Oracle Tax Analytics version 1.1.0.0 Installation Package (Windows and Linux)

Additional Software Requirements

The following software products are required to run Oracle Tax Analytics, but are not included in the media pack:

- Oracle Business Intelligence Enterprise Edition 11.1.1.5.0 and Scorecard and Strategy Management
- Oracle Data Integrator 10.1.3.6.3
- Oracle Database Server Enterprise Edition 11.2.0.2
- One of the following supported source systems:
 - Oracle Enterprise Taxation Management 2.2.0
 - Oracle Enterprise Taxation and Policy Management 2.3.0

You must separately license and install the software listed above. For more information on the content of each licensed Oracle Tax Analytics product, see the Oracle Tax Analytics version 1.1.0.0 Licensing and Packaging Guide.

Components for Oracle Tax Analytics

The Oracle Tax Analytics version 1.1.0.0 Installation Package (Windows and Linux) includes the following components:

- Oracle Data Integrator master repository
- Oracle Data Integrator work repository
- Star schemas
- Staging schemas
- System data
- RPD file
- Web catalog
- Custom messages files
- XML Schema definition file
- Oracle Tax Analytics version 1.1.0.0 Documentation:
 - Oracle Tax Analytics version 1.1.0.0 Quick Install Guide
 - Oracle Tax Analytics version 1.1.0.0 Installation Guide
 - Oracle Tax Analytics version 1.1.0.0 Configuration Guide
 - Oracle Tax Analytics version 1.1.0.0 Release Notes

Network Environment Overview

This section describes the different tiers and supported architectures of an Oracle Tax Analytics environment.

Tier 1: Browser-Based Client/Oracle Data Integrator Java-Based Client

Oracle Tax Analytics has a Web browser-based client and standalone Java client. Choice of client depends on the user role or activity.

Business users can use a browser-based client to access the Oracle Tax Analytics. Oracle Tax Analytics is deployed on Oracle Business Intelligence Enterprise Edition 11g, which supports various operating system and Web browser combinations.

Administrators and developers can use the browser-based client for managing Oracle Business Intelligence Enterprise Edition. To manage the Oracle Data Integrator, a standalone Java client is available in addition to the browser-based client.

Oracle Business Intelligence Enterprise Edition and Oracle Data Integrator support various operating systems and Java Development Kit combinations.

Note: For complete and up-to-date information on Oracle Business Intelligence Enterprise Edition 11g and Oracle Data Integrator 10g supported platforms, visit the Oracle Technology Network at

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

Tier 2: Middle Tier/Application Server

Oracle Tax Analytics uses Oracle Data Integrator for ETL and to build facts and dimensions. Please refer to Oracle Data Integrator 10g documentation for additional details.

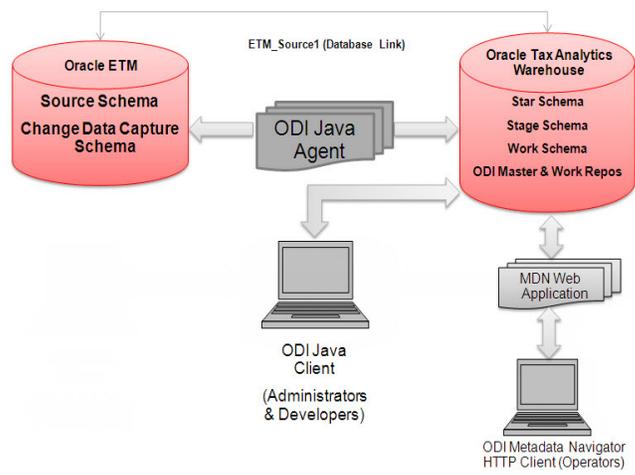
Oracle Tax Analytics uses Oracle Business Intelligence Enterprise Edition for dashboards and reports. Please refer to Oracle Business Intelligence Enterprise Edition 11g documentation for additional details.

Tier 3: Database Server

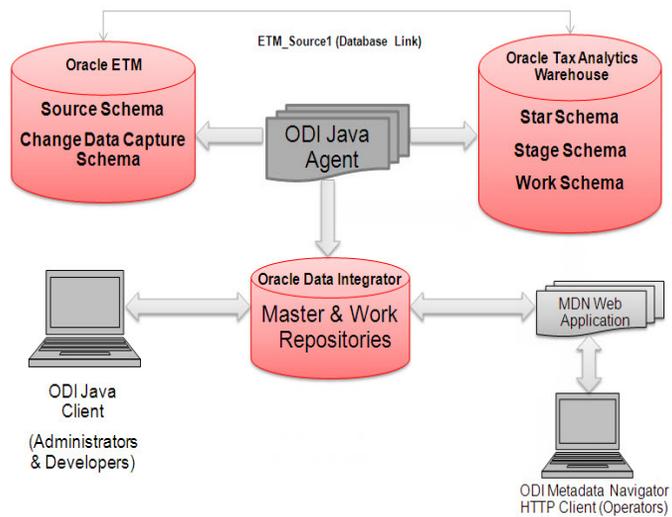
Oracle Tax Analytics Warehouse, the target database server, supports Oracle Database Server Enterprise Edition 11gR2 (11.2.0.2).

Supported Oracle Data Integrator Architecture for Tax Analytics

Option 1: Oracle Tax Analytics Warehouse and the Oracle Data Integrator repositories reside in different databases:

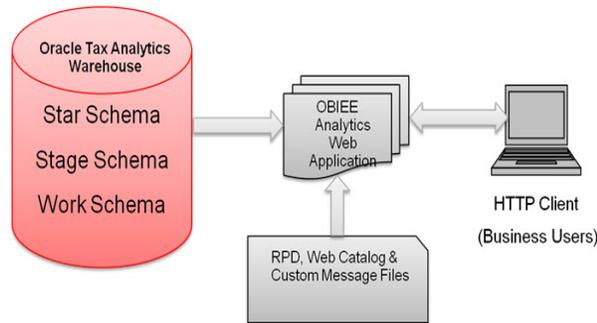


Option 2: Oracle Tax Analytics Warehouse and the Oracle Data Integrator repositories reside in the same database:



Supported Oracle Business Intelligence Enterprise Edition Architecture for Tax Analytics

The following diagram shows the Oracle Business Intelligence Enterprise Edition architecture for Oracle Tax Analytics:



Certified and Supported Platforms

This section describes the supported environments under which Oracle Tax Analytics operates, as well as information about hardware and software requirements.

Oracle Business Intelligence Enterprise Edition Requirements

Oracle Tax Analytics is tested and certified with Oracle Business Intelligence Enterprise Edition version 11.1.1.5.0. It supports the operating systems that Oracle Business Intelligence Enterprise Edition is certified to run on.

For complete and up-to-date information on Oracle Business Intelligence Enterprise Edition 11g supported platforms, visit the Oracle Technology Network at

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

Oracle Data Integrator Requirements

Oracle Tax Analytics is tested and certified with Oracle Data Integrator 10.1.3.6.3. It supports the operating systems that Oracle Data Integrator is certified to run on.

For complete and up-to-date information on Oracle Data Integrator 10g supported platforms, visit the Oracle Technology Network at

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

Oracle Tax Analytics Installer Requirements

The Oracle Tax Analytics installer requires a Microsoft Windows XP or Linux X86 64-bit machine. The installer is packaged with Java Runtime Environment (JRE) 6 and Oracle Data Integrator 10.1.3.6.3 Software Development Kit (SDK). It is not required to have JRE or the Oracle Data Integrator installed on the machine where the installer is run.

Hardware Requirements

This section describes Oracle Tax Analytics hardware requirements. Oracle Tax Analytics is certified to have acceptable performance in these environments; however, performance is improved by using faster processors and additional memory, particularly in environments where users run multiple applications simultaneously.

Description	Requirements
Oracle Tax Analytics Installer	1 or more 2GHZ CPUs 1 GB of RAM 500 MB of disk space
Oracle Data Integrator Java-Based Client	1 or more 2GHZ CPUs 1 GB of RAM 300 MB of disk space
Oracle Data Integrator Agent	2 or more 2GHZ CPUs 4 GB of RAM 300 MB of disk space
Oracle Business Intelligence EE	2 or more 2GHZ CPUs 4 GB of RAM 10 GB of disk space

See the Oracle Data Integrator and OBIEE documentation for detailed hardware requirements.

Client Requirements

Oracle Tax Analytics administrators and developers must have either a Windows or Linux machine to run the Oracle Data Integrator Java client and a browser-based client for managing Oracle Business Intelligence Enterprise Edition environments. Though it is not mandatory to have Oracle client connectivity software for administrators and developers, Oracle 11g Client is the minimum required version to connect to the databases. Business analysts accessing the Oracle Tax Analytics presentation layer must have a browser-based client. This is typically a Windows XP machine with a supported Web browser. Please refer to the following table for details:

Client Type	Requirements
Oracle Tax Analytics Installer	Windows XP or Enterprise Linux 5.5 or higher
Oracle Data Integrator Java-based client	Refer to Oracle Web site for complete list of supported platforms*
Oracle Data Integrator Meta Data Navigator	Refer to Oracle Web site for complete list of supported platforms*
Oracle Tax Analytics	Refer to Oracle Web site for complete list of supported platforms*
Oracle Client Software (optional)	Oracle 11g Client

* <http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

Support for Virtualization and Virtual Machines

Oracle Tax Analytics may be used with VMware virtualized environments consistent with the policy for other Oracle products as stated in Support Note 475484.1 available on My Oracle Support (<http://support.oracle.com>). For information on Oracle VM, see Support Notes 464756.1 and 464754.1 on My Oracle Support.

Supported Databases for Oracle Tax Analytics Star and Staging Schema

Oracle Tax Analytics is tested and certified with Oracle Database Enterprise Edition 11.2.0.2. The database may be hosted on any platform that it is certified to run on. For more details, visit the Oracle Technology Network at

<http://www.oracle.com/technetwork/database/enterprise-edition/downloads/index.html>

Note: At the time of the release of this document, the database version 11.2.0.2 is only available for Linux. Please visit the above link for updates.

Database Character Set

The supported database character set is AL32UTF8.

Real Application Cluster

At the time of the release, Oracle Real Application Cluster (RAC) is not tested and certified. Please contact Oracle Support for more information.

Supported Databases for Oracle Data Integrator Repositories

Oracle Data Integrator repositories are tested and certified with Oracle Database Enterprise Edition 11.2.0.2. Other database versions that Oracle Data Integrator supports may be used for the repositories if they do not reside in the same database instance as the Oracle Tax Analytics Warehouse database. If the ODI repositories reside with the Oracle Tax Analytics Warehouse, the database version must be Oracle Database Enterprise Edition 11.2.0.2. For more details visit the Oracle Technology Network at

<http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>

Database Character Set

The supported database character set is AL32UTF8.

Real Application Cluster

At the time of the release, Oracle Real Application Cluster (RAC) is not tested and certified. Please contact support for more information

Supported Source Systems

Oracle Tax Analytics is tested and certified with the following source systems:

- Oracle Enterprise Taxation Management version 2.2.0
- Oracle Enterprise Taxation and Policy Management version 2.3.0

Note: Oracle Tax Analytics uses the log-based Oracle Change Data Capture mechanism in the source database for incremental updates. This implies the source database must be running in archive log mode. Refer to the *Oracle Tax Analytics Installation Guide* for more details.

Required Patches

The following patches must be installed in Oracle Enterprise Taxation Management version 2.2.0:

- Oracle Utilities Application Framework Service Pack 10
- Oracle Enterprise Taxation Management Service Pack 3
- Additional Oracle Enterprise Taxation Management Single Fixes:
 - 9232693
 - 10170659
 - 10178855
 - 10288036
 - 10289396
 - 10305275
 - 10323042
 - 10329238
 - 10633345
 - 10635223
 - 11056559
 - 11782898

The following patches must be installed in Oracle Enterprise Taxation and Policy Management version 2.3.0:

- ETM 2.3.0 Consolidated Roll Up: April 2011

Available Languages for Oracle Tax Analytics

At the time of the release of this document, Oracle Tax Analytics supports only English.

Installing Oracle Tax Analytics

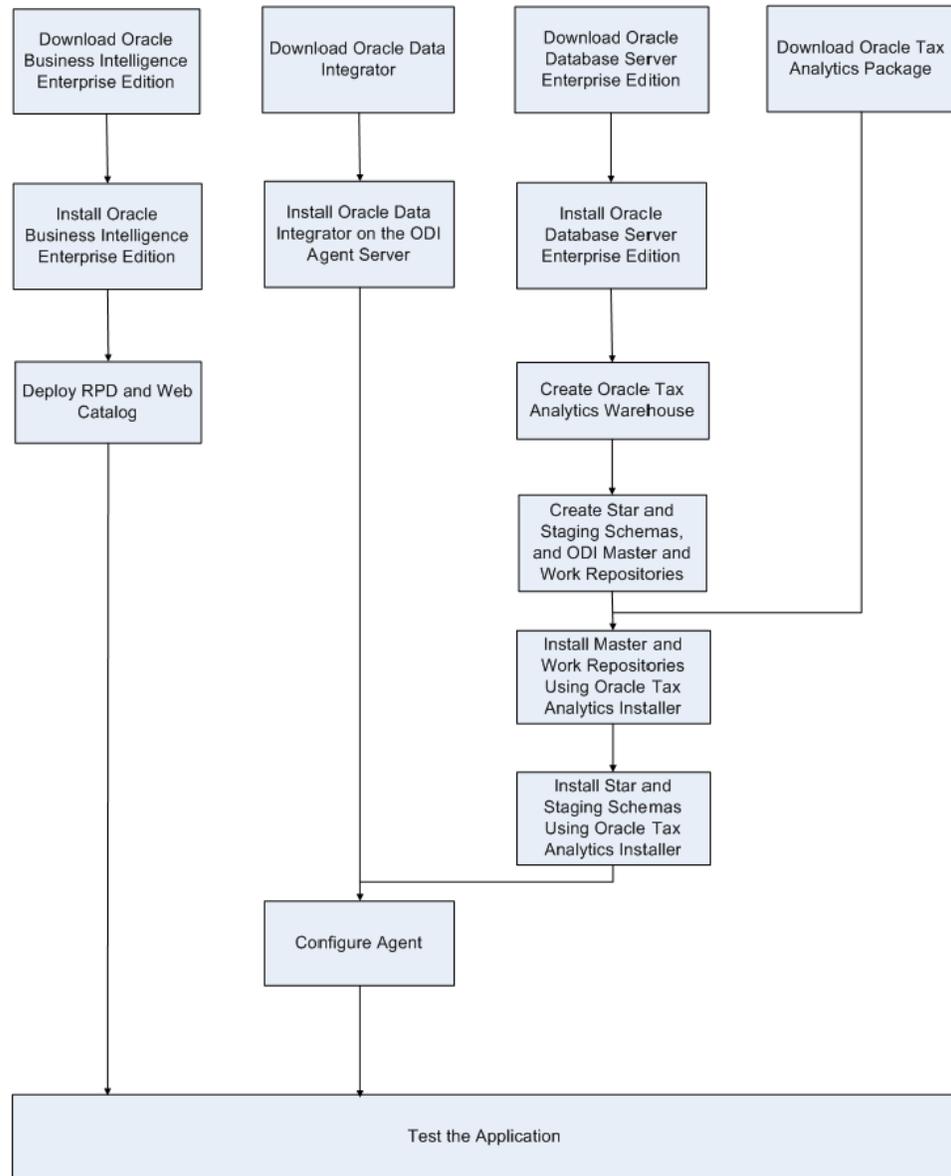
This section provides an overview of installing Oracle Tax Analytics. For additional installation information, see the *Oracle Tax Analytics Installation Guide*.

To install Oracle Tax Analytics version 1.1.0.0:

1. Install database server software.
2. Create databases for Star, Staging, and/or Oracle Data Integrator repositories.
3. Setup database users for Star, Staging, and Oracle Data Integrator repositories.
4. Create Oracle Data Integrator Master and Work repositories using the Oracle Tax Analytics installer.
5. Create Star and Staging schemas using the Oracle Tax Analytics installer.
6. Install Oracle Business Intelligence software.
7. Deploy RPD.
8. Deploy Web catalog.
9. Install Oracle Data Integrator software on the ODI Agent server.
10. Configure Agent.

Installation and Configuration Overview

The following diagram provides an overview of the steps that need to be taken to install and configure Oracle Tax Analytics:



Contacting Oracle Support

Please follow this link <http://www.oracle.com/support/index.html> to contact Oracle Support.