



# **System Requirements and Supported Platforms for Oracle® Business Intelligence Suite Enterprise Edition**

Version 10.1.3.3, 10.1.3.4, Rev. K  
April 2009

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Part Number: E10417-12

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# 1 Introduction

This book contains the definitive list of system requirements and supported platforms for Release 10.1.3.3 and 10.1.3.4 of Oracle Business Intelligence Enterprise Edition. Unless otherwise noted herein, the requirements covered in this document apply to all platform and related end-user applications within the Oracle Business Intelligence product line. For more information about Oracle Business Intelligence, see *Oracle Business Intelligence Infrastructure Installation and Configuration Guide*.

This guide contains the following chapters:

- n [Chapter 1, "Introduction"](#) (this chapter) includes the following topics:
  - n [Oracle Business Intelligence Suite Enterprise Edition Documentation](#)
  - n [Certification and Support for Third-Party Products](#)
  - n [Documented Changes](#)
- n [Chapter 2, "Platform Requirements for Oracle Business Intelligence,"](#) describes platform and hardware requirements for Oracle Business Intelligence.
- n [Chapter 3, "Supported Software and Ancillary Programs,"](#) provides a comprehensive listing of software developed by third-party vendors that is supported by, embedded in, or distributed with Oracle Business Intelligence applications.
- n [Chapter 4, "Product and Platform Availability Updates,"](#) provides a list of product availability exceptions for Oracle Business Intelligence.
- n [Chapter 5, "Planned Certification,"](#) lists certifications planned for future product releases.

# Oracle Business Intelligence Suite Enterprise Edition Documentation

Documentation for Oracle Business Intelligence Suite Enterprise Edition is available on Oracle Technology Network (OTN).

## *To access Oracle Business Intelligence Suite Enterprise Documentation on Oracle Technology Network*

Go to the Oracle Business Intelligence Suite Enterprise Edition Documentation Library:

[http://www.oracle.com/technology/documentation/bi\\_ee.html](http://www.oracle.com/technology/documentation/bi_ee.html)

## Certification and Support for Third-Party Products

Oracle certifies and supports Oracle Business Intelligence Enterprise Edition against a wide range of technology standards and third-party products.

A certified third-party product is one that has been tested by Oracle as part of the standard release process. While Oracle makes every effort to certify commonly used third-party products, not all third-party products or all possible configurations are certified. Oracle also focuses on performing standards-based testing for third-party product compatibility and integration with Oracle Business Intelligence Enterprise Edition. Any third-party product that complies with a standard that is supported by Oracle BI EE is supported for use with Oracle BI EE. For supported third-party products, Oracle Customer Support will accept service requests for Oracle BI EE configurations that include these third-party components.

Certified third party products are documented in this guide. The standards or protocols that are supported for Oracle BI EE are also provided. This will help determine whether a particular third-party product that is not specifically listed as certified is supported or not.

## Documented Changes

Oracle Business Intelligence Enterprise Edition 10.1.3.4.1 – Release April 2009 Rev. K

Certifications added:

- n IBM DB2 for UDB 9.5
- n MS SQL Server 2008 64-bit
- n Netezza 4.5
- n Firefox 3.0
- n IBM DB2 9 on z/OS
- n JDK 1.6
- n Oracle Application Server 10.1.3.4

- n Oracle WebLogic Server 10.3
- n Siebel CRM 8.1.1 Integration

Items of Note:

At the time of this release

- n JDK1.4 EOL reached October 30th, 2008
- n JDK1.5 is planned for EOL October 30th, 2009
- n Websphere 5.1 End of Support date September 2008

**NOTE:** Always check vendors' Web Sites for end-of-life (EOL) policies and announcements.



# 2

## Platform Requirements for Oracle Business Intelligence

This chapter includes the following topics:

- n Hardware Requirements
- n Server Environment Requirements
- n Oracle Business Intelligence Delivers Support for SMTP
- n Support for ODBC and JDBC Client Interfaces
- n Products Supported as Clients to Oracle Business Intelligence Server
- n Oracle Enterprise Performance Management Integration
- n Supported Data Sources
- n SSL Compatibility
- n Support for Virtualization and Virtual Machines
- n Client Environment Requirements
- n Globalization Requirements
- n Overview of Supported Environments

## Hardware Requirements

This section describes the hardware and network requirements for Oracle Business Intelligence Enterprise Edition 10.1.3.3 and 10.1.3.4.

Oracle has certified acceptable performance in these environments; however, performance is improved by using faster processors and additional memory.

**NOTE:** The hardware requirements listed in [Table 1](#), [Table 2](#), [Table 3](#), and [Table 4](#) are *minimum* requirements for the C++ components of Oracle BI EE, and should be used only as a guideline, as they do not take into consideration various factors that affect scalability. Please consult your hardware vendor or Oracle Consultancy for capacity planning or sizing assistance.

### Hardware Requirements for Oracle Business Intelligence Platform

Hardware requirements for Oracle Business Intelligence C++ components are described in [Table 1](#) and in [Table 2 on page 11](#).

Table 1. Minimum Requirements for Oracle Business Intelligence on Windows

Description	Requirement
Oracle Business Intelligence Server components:	<b>CPU and RAM:</b> 1 GHz, 2 GB RAM  <b>Disk Space:</b> 2 GB of hard disk space, plus appropriate disk space for cache storage and Scheduler results sets (see Temporary Disk Space).  <b>Temporary Disk Space:</b> 2 GB
Oracle Business Intelligence Server	
Oracle Business Intelligence Administration Tool	
Oracle Business Intelligence Scheduler	
Oracle Business Intelligence Presentation Services	<b>CPU and RAM:</b> 1 GHz, 2 GB RAM  <b>Disk Space:</b> 2 GB of hard disk space, plus appropriate disk space for cache storage and log files (see Temporary Disk Space).  <b>Temporary Disk Space:</b> 2 GB

## Hardware Requirements for Cluster Server

Table 2. Minimum Requirements for Oracle Business Intelligence on Linux and UNIX

Description	Requirement
Oracle Business Intelligence Server components: Oracle Business Intelligence Server Oracle Business Intelligence Scheduler	<p><b>CPU and RAM:</b> 1 GHz, 2GB RAM</p> <p><b>Disk Space:</b> 2GB, plus appropriate disk space for cache storage and Scheduler results sets (see Temporary Disk Space).</p> <p><b>Temporary Disk Space:</b> 2 GB</p>
Oracle Business Intelligence Presentation Services	<p><b>CPU and RAM:</b> 1 GHz, 2 GB RAM</p> <p><b>RAM:</b> 2 GB or better</p> <p><b>Disk Space:</b> 2GB, plus appropriate disk space for cache storage and log files (see Temporary Disk Space).</p> <p><b>Temporary Disk Space:</b> 2 GB</p>

Requirements for Cluster Server are described in [Table 3](#) and [Table 4](#) on page 13.

Table 3. Requirements for Cluster Server on Windows

Description	Requirement
A machine hosting a clustered Oracle Business Intelligence Server or a machine hosting an Oracle Business Intelligence Server, an Oracle Business Intelligence Scheduler, and a Cluster Controller	<p><b>Processor and RAM:</b> 1 GHz; 2 GB RAM</p> <p><b>Disk Space:</b> 1 GB</p>
A machine hosting a Cluster Controller or an Oracle Business Intelligence Scheduler	<p><b>Processor and RAM:</b> 500 MHz, 1 GB</p> <p><b>Disk Space:</b> Approximately 100 MB of hard disk space</p>
Shared File System for use as Repository Publishing Directory	<p>When a repository is updated in online mode, it is published to a repository publishing directory that all clustered servers examine upon startup for any repository changes. The location of the repository publishing directory is specified in the "REPOSITORY_PUBLISHING_DIRECTORY" parameter in the NQConfig.ini file.</p> <p><b>Characteristics:</b></p> <p>The repository publishing directory needs to be in a valid location visible to all servers in the cluster.</p> <p>All Oracle Business Intelligence Servers in the cluster (from the parameters "SERVERS" in the NQClusterConfig.ini file) need to have read and write access to this directory.<sup>1</sup></p> <p><b>Disk Space:</b></p> <p>Approximately 200 MB of hard disk space.</p> <p>Note that the I/O load imposed on the shared file system by clustering is minimal. There is no recommendation for the type of file system used, other than that it needs to be a sufficiently reliable file system for successful cluster operations.</p>

Table 3. Requirements for Cluster Server on Windows

Description	Requirement
Shared File System for use with Cluster-Aware Cache	<p>When query cache is shared across a cluster, cache seeding requests (from iBots or ODBC procedure calls) in a queue of activities are managed in a shared directory. All Oracle Business Intelligence Servers must have read and write access to this directory.<sup>1</sup></p> <p><b>Disk Space:</b> Appropriate disk space for cache storage depending on your deployment.</p>
Shared File System for use with Presentation Catalog <sup>2</sup>	<p><b>Characteristics:</b> All Oracle Business Intelligence Presentation Services servers must have read and write access to this directory.<sup>1</sup></p> <p><b>Disk Space:</b> Appropriate disk space for the Presentation Catalog depending on your deployment.</p>

1. Oracle Business Intelligence services must be run as a domain user with access to the network share. Microsoft Windows does not allow the "system" account to read or write from network shares.
2. Storage devices such Network Attached Storage (NAS) or Storage Area Networks (SAN) may be used for the shared file system. The Presentation Catalog was tested on Oracle Cluster File System (OCFS2) on SAN and NFS on NAS.

Table 4. Requirements for Cluster Server on Linux and UNIX

Description	Requirement
A machine hosting a clustered Oracle Business Intelligence Server or a machine hosting an Oracle Business Intelligence Server, and Oracle Business Intelligence Scheduler, and a Cluster Controller	<p><b>CPU:</b> 1 GHz</p> <p><b>RAM:</b> 2 GB</p> <p><b>Disk Space:</b> 2GB</p>
A machine hosting a Cluster Controller or an Oracle Business Intelligence Scheduler	<p><b>CPU:</b> 500 MHz</p> <p><b>RAM:</b> 1 GB</p> <p><b>Disk Space:</b> 2GB</p>

Table 4. Requirements for Cluster Server on Linux and UNIX

Description	Requirement
Shared File System for use as Repository Publishing Directory	<p>When a repository is updated in online mode, it is published to a repository publishing directory that all clustered servers examine upon startup for any repository changes. The location of the repository publishing directory is specified in the "REPOSITORY_PUBLISHING_DIRECTORY" parameter in the NQSConfig.ini file.</p> <p><b>Characteristics:</b></p> <p>The repository publishing directory needs to be in a valid location visible to all servers in the cluster.</p> <p>All Oracle Business Intelligence Servers in the cluster (from the parameters "SERVERS" in the NQClusterConfig.ini file) need to have read and write access to this directory.</p> <p><b>Disk Space:</b></p> <p>Approximately 200 MB of hard disk space</p> <p>Note that the I/O load imposed on the shared file system by clustering is minimal. There is no recommendation for the type of file system used, only that it be a sufficiently reliable file system for successful cluster operations.</p>
Shared File System for use with Cluster-Aware Cache	<p>When query cache is shared across a cluster, cache seeding requests (from iBots or ODBC procedure calls) in a queue of activities are managed in a shared directory.</p> <p><b>Disk Space:</b></p> <p>Appropriate disk space for cache storage depending on your deployment.</p>
Shared File System for use with Presentation Catalog	<p><b>Characteristics:</b></p> <p>All Oracle Business Intelligence Presentation Services Instances must have read and write access to this directory.</p> <p><b>Disk Space:</b></p> <p>Appropriate disk space for the Presentation Catalog depending on your deployment.</p>

## Hardware Requirements for Oracle Business Intelligence Disconnected Analytics

Requirements for Oracle Business Intelligence Disconnected Analytics are described in [Table 5](#).

Table 5. Requirements for Oracle Business Intelligence Disconnected Analytics on Microsoft Windows/Windows XP

Requirement Description	Processor	Disk Space Available	RAM
Minimum	A modern processor (at least 800 MHz)	1 GB	512 MB
Recommended alongside MS Office applications	A modern processor (at least 800 MHz)	1 GB	512 MB
Recommended alongside Siebel Remote applications	A modern processor (at least 800 MHz)	2 GB	512 MB

# Server Environment Requirements

This section includes the following topics:

- n Supported Server Operating Systems
- n Supported Web And Application Servers
- n Oracle Business Intelligence Delivers Support for SMTP
- n Support for ODBC and JDBC Client Interfaces

## Supported Server Operating Systems

Oracle Business Intelligence supports the server operating systems listed in [Table 6](#) and the supported server operating systems patch levels listed in [Table 7](#).

Table 6. Supported Server Operating Systems

Client Type	Operating System <sup>1</sup>
Oracle Business Intelligence Server	Microsoft Windows 2000/2003 Server
Oracle Business Intelligence Presentation Services	Microsoft Windows Server 2008 Enterprise Edition x86 32 bit <sup>2</sup>
Oracle Business Intelligence Publisher	Red Hat Enterprise Linux AS 4.x
	Red Hat Enterprise Linux Server/Advanced Platform 5
	Novell SUSE 9.x
	Oracle Enterprise Linux 4
	Oracle Enterprise Linux 5
	Sun Solaris 9 SPARC 32 bit
	Sun Solaris 9 SPARC 64 bit
	Sun Solaris 10 SPARC 32 bit
	Sun Solaris 10 SPARC 64 bit
	AIX 5.2 PowerPC 32 bit
	AIX 5.2 PowerPC 64 bit
	AIX 5.3 PowerPC 32 bit
	AIX 5.3 PowerPC 64 bit
	AIX 6.1 PowerPC 32 bit <sup>2</sup>
	AIX 6.1 PowerPC 64 bit <sup>2</sup>
	HP-UX 11.11 PA-RISC 64 bit <sup>3</sup>
	HP-UX 11.23 PA-RISC 64 bit <sup>3</sup>
	HP-UX 11.23 Itanium 64 bit <sup>3</sup>
	HP-UX 11.31 Itanium 64 bit <sup>2,3</sup>

1. Windows and Linux 64-bit support: For the Windows and Linux releases, the Oracle BI EE software is 32-bit. The software can run on 64-bit processors that support 32-bit emulation. The supported processors are AMD64 and EM64T. NOTE: Revisions A and B of this guide incorrectly listed Itanium2 as a supported processor.
2. Supported for Oracle Business Intelligence Enterprise Edition 10.1.3.4.
3. Oracle Business Intelligence Enterprise Edition binaries are 32-bit.

Table 7. Supported Server Operating Systems Patch Levels

Server Operating System	Patch Levels
Microsoft Windows 2000 Server/Advanced Server	Service Pack 4 (5.0.2.195) <sup>1</sup> or higher
Microsoft Windows 2003	SP 1 or higher
Microsoft Windows 2003 R2	Not applicable
IBM AIX 5.3 <sup>2</sup>	Recommended: AIX 5.3. ML05 or higher
HP-UX 11.23 Itanium 64 bit	Recommended: Quality Pack Bundle for HP-UX 11i v2, March 2007 and pthread library cumulative patch PHCO-34944

1. Service Pack 4 (5.0.2.195) requires KERNEL32.DLL 5.0.2195.6897 or higher. Apply Windows HotFix KB835732 or higher.
2. IBM AIX requires C++ runtime version xIC.aix50.rte 9.0.0.3 or higher.

## Supported Web And Application Servers

Any J2EE-based Application Server that supports Servlet Specification version 2.3 or above is supported for use with Oracle Business Intelligence Enterprise Edition. The Application Server must also support SOAP 1.1 Client, Axis 1.2-1.4, JWSDP 2.0 (Sun/Jdeveloper SOAP client), and .NET 2.0.

The Web Servers and Application Servers listed in [Table 8](#) have been certified for use with Oracle Business Intelligence Enterprise Edition.

Table 8. Certified Web Servers and Application Servers

Server Operating System	Web Server/Application Server and Patch Level
Linux and UNIX (See <a href="#">Table 6 on page 17</a> )	Oracle Application Server versions 10.1.3.1, 10.1.3.3, 10.1.3.4 <sup>1</sup> Oracle Weblogic 9.x, 10.0 <sup>2</sup> , 10.3 <sup>1</sup> IBM WebSphere Application Server versions 5.1, 6.0, 6.1 Sun Java System Web Server 6.1, 7.0 Apache Tomcat 5.5.x JBoss Application Server 4.0 <sup>2</sup>
Microsoft Windows (See <a href="#">Table 6 on page 17</a> )	Oracle Application Server versions 10.1.3.1, 10.1.3.3, 10.1.3.4 <sup>1</sup> Oracle Weblogic 9.x, 10.0 <sup>2</sup> , 10.3 <sup>1</sup> Microsoft IIS 5.0 on Windows 2000 and IIS 6.0 on Windows 2003 <sup>3</sup> IBM WebSphere Application Server versions 5.1, 6.0, 6.1 Sun Java System Web Server 6.1, 7.0 Apache Tomcat 5.5.x JBoss Application Server 4.0 <sup>2</sup>

1. Certification of Oracle Application Server 10.1.3.4 and Oracle Weblogic 10.3 was performed for Oracle Business Intelligence Enterprise Edition 10.1.3.4.1
2. Certification of Oracle Weblogic 10.0 and JBoss Application Server 4.0 were performed for Oracle Business Intelligence Enterprise Edition 10.1.3.4.
3. Microsoft IIS is supported as an HTTP server for Oracle Business Intelligence Publisher and Oracle Business Intelligence Office Server via the Oracle Application Server Proxy Plug-in. Oracle Business Intelligence Publisher and Oracle Business Intelligence Office Server require a J2EE Application server

**NOTE:** 1. Oracle Business Intelligence Enterprise Edition requires Java 2 Platform Standard Edition 1.5.x. On IBM AIX, the version of JDK must be J2RE 1.5.0 IBM AIX build pap32devifx-20060310 (SR1) or higher (1.5.x+).

**NOTE:** 2. JDK 1.6.x has been certified for use with Oracle Business Intelligence Enterprise Edition 10.1.3.4.1.

## Web Portal Support

JSR-168 compliant portals XSLT v2 and WSRP 2 are supported for use with Oracle Business Intelligence Enterprise Edition.

**CAUTION:** Due to differences in the implementation of JSR-168 standards by portal vendors, the use of the Portal products that are listed in [Table 9](#) is strongly recommended.

The Web Portals listed in [Table 9](#) have been certified for use with Oracle Business Intelligence Enterprise Edition.

Table 9. Certified Web Portals

Portal	Version
Oracle Portal	10.1.4.x
Oracle WebCenter	10.1.3.2
IBM WebSphere Portal Server	5.1, 6.0

## Single Sign-On (SSO) Server Support

Oracle Business Intelligence Enterprise Edition has a pluggable SSO architecture that allows the integration of any SSO product that propagates SSO authentication tokens across HTTP or HTTPS. See the *Oracle Business Intelligence Enterprise Edition Deployment Guide Version 10.1.3.2* for more information on the SSO system prerequisites.

The SSO Servers listed in [Table 10](#) have been certified with Oracle Business Intelligence Suite Enterprise Edition.

Table 10. Certified SSO Servers

SSO Server <sup>1</sup>	Version
Oracle SSO 10g	10.1.2.0.2, 10.1.4.x
IBM Tivoli	6.0
CA eTrust Siteminder	6.0

1. Oracle Business Intelligence Publisher supports the use of only Oracle SSO.

## Identity Management Support

LDAP Certified Product Standard V2 or V3 is supported for use with Oracle Business Intelligence Enterprise Edition. Refer to <http://www.opengroup.org/openbrand/register/dkm0.htm>.

The Identity Management applications listed in [Table 11](#) have been certified with Oracle Business Intelligence Enterprise Edition.

Table 11. Certified Identity Management Applications

Identity Management System	Version
Oracle Identity Management 10g	10.1.2.0.2, 10.1.4.x
IBM LDAP Server	5.x
Windows ADSI	2000, 2003

Table 11. Certified Identity Management Applications

Identity Management System	Version
Windows Native Authentication (Kerberos)	Not applicable
Novell Identity Manager	3.0.1
IBM Tivoli Identity Management	6.0
Sun Java System Identity Server	5.x

## Oracle Business Intelligence Delivers Support for SMTP

Oracle Business Intelligence Delivers generates MIME content with aggregate HTML encapsulation in accordance with MIME RFC 2110 and delivers it to SMTP servers through the SMTP protocol. Content rendering is, however, dependent on the customer's implementation of the email client.

## Support for ODBC and JDBC Client Interfaces

Oracle provides ODBC and JDBC client drivers so that third-party software products can connect as SQL clients to the Oracle Business Intelligence Server. Although many clients such as Microsoft Access and Business Objects can be used, Oracle has not explicitly certified particular clients.

Client interfaces ODBC 2.0 and 3.5 and JDBC 2.0 and 2.1 that use SQL92 or higher are supported for this purpose.

The Oracle Business Intelligence Server ODBC driver supports ODBC 3.5 applications for UTF-16 character set for read-only access. Oracle Business Intelligence Server JDBC driver supports JDBC 2.0/2.1 API clients or applications for read-only access.

## Products Supported as Clients to Oracle Business Intelligence Server

Table 12 lists products that are supported as clients to the Oracle Business Intelligence Server.

Table 12. Products Supported as Clients to Oracle Business Intelligence Server

Product and Version
Oracle Essbase 11.1.1
Oracle Smart View for Office Fusion Edition 11.1.1
Oracle's Hyperion Interactive Reporting 9.3.1, 11.1.1
Business Objects: Enterprise XI 3.0 on Windows

# Oracle Enterprise Performance Management Integration

Table 13 lists the Oracle Enterprise Performance Management products that integrate with Oracle Business Intelligence Enterprise Edition 10.1.3.4. See the *Oracle Business Intelligence New Features Guide* Release 10.1.3.4. for details of the integration.

Table 13. Oracle Enterprise Performance Management Products Integrated with Oracle Business Intelligence Enterprise Edition

Product and Version
Oracle EPM Workspace Fusion Edition 11.1.1
Oracle Smart Space Fusion Edition 11.1.1

## Supported Data Sources

**NOTE:** Oracle Business Intelligence creates database-specific code to help optimize performance for different databases. Due to changes introduced in different database versions, only explicitly tested versions of database client and server software are listed below. In instances where alternative service pack or patch levels have been tested and certified, these will also be indicated.

If a customer running on a higher patch level finds a problem in the use of their Oracle Business Intelligence software, then Global Technical Support will investigate it as normal. If a defect is found in the Oracle Business Intelligence software, the normal support process will be followed to determine if and when the defect will be rectified. In such a case, that defect identified will be considered to be in the higher version of database software, not the Oracle Business Intelligence software. It may be possible for Oracle to produce a patch to work around this defect, but this cannot be guaranteed and indeed may not even be technically possible. In this situation, the customer should contact the database vendor to obtain a patch to their database software that rectifies the problem, or should regress their database software back down to a version that does not exhibit this problem when running with Oracle Business Intelligence software.

Customers' regression and acceptance tests that will be run after the database upgrades are performed should fully test the range of features and functionality that are expected to be seen in the production environment, to ensure that they are confident there are no significant problems introduced by the upgrade of the database software.

This section includes the following topics:

- [n Supported Data Sources for Oracle Business Intelligence Enterprise Edition](#)
- [n Support for Multidimensional Data Sources](#)
- [n Support for Oracle Real Applications Clusters \(RAC\)](#)
- [n Support for ODBC Data Sources](#)

## Supported Data Sources for Oracle Business Intelligence Enterprise Edition

Oracle Business Intelligence Server supports the data sources listed below in [Table 14](#) for queries. In addition, Oracle Business Intelligence offers connectivity to multidimensional data sources, as detailed in [Table 18 on page 29](#), and ODBC data sources, as detailed in “[Support for ODBC Data Sources](#)” on page 29.

Oracle Business Intelligence Publisher provides reports against data in the data sources listed in [Table 14](#) through JDBC access to the Oracle Business Intelligence Server. For information on the data sources and connectivity software directly supported by Oracle Business Intelligence Publisher, see the Oracle® Business Intelligence Publisher Certification Information guide. Guides for Oracle Business Intelligence Publisher versions 10.1.3.3 and 10.1.3.4 are available as part of the respective Documentation Libraries for these releases. The Oracle Business Intelligence Documentation Libraries are available on Oracle Technology Network at the following location (copy and paste the URL into your browser, if required):

[http://www.oracle.com/technology/documentation/bi\\_pub.html](http://www.oracle.com/technology/documentation/bi_pub.html)

The databases supported for the Oracle Business Intelligence Delivers Scheduler are listed in [Table 16](#). The databases supported for the Oracle Business Intelligence Publisher Scheduler are listed in [Table 17](#).

## Supported Data Sources for Oracle Business Intelligence Server

Oracle Business Intelligence Server supports the data sources listed below in Table 14 for queries.

**NOTE:** 64-bit versions of the databases documented in Table 14 are supported.

Table 14. Supported Data Sources for the Oracle Business Intelligence Server

Vendor and Product	Version	Connectivity Software
Microsoft SQL Server 2000	2000 Service Pack 3 or higher	SQL Server ODBC Driver/ Microsoft Data Access Components (MDAC) 2.7 or higher  DataDirect ODBC driver version 5.1 or higher <sup>1</sup> (For Oracle Business Intelligence Servers on non-Windows systems)
Microsoft SQL Server 2005	2005, 2005 SP1 +.NET Vulnerability fixor higher	SQL Server Native Client 2005-99-1355-00/ SQL Server ODBC Driver version 3.70.08.20 <sup>2</sup>  Microsoft Data Access Components (MDAC) 2.8  DataDirect ODBC driver version 5.1 or higher <sup>1</sup> (For Oracle Business Intelligence Servers on non-Windows systems)
Microsoft SQL Server 2008	2008 <sup>3</sup>	Microsoft SQL Server ODBC Driver v03.86.1830  DataDirect v05.30.0052
Oracle's Hyperion Essbase	7.1.6.1, 9.2.0.3, 9.3.1.0	Essbase Client 9.3.1
Oracle Essbase	11.1.1	Essbase Client 9.3.1, 11.1.1
IBM DB2 Universal Database (UDB) Enterprise Edition/ Workgroup Edition for Windows and UNIX and Linux on IA-32	8.2 with FixPak 5s or higher	DB2 SDK 8.2.x client
IBM DB2 Universal Database (UDB) Enterprise Edition	9.1, 9.5 <sup>3</sup>	IBM DB2 UDB Admin Client DB2 v8.1 FP12s or higher  DB2 Client Connectivity Driver v9.01.200.98 <sup>3</sup>

Table 14. Supported Data Sources for the Oracle Business Intelligence Server

Vendor and Product	Version	Connectivity Software
IBM DB2 Universal Database (UDB) for OS/390 and z/OS (NFM mode only)	8, 9.1 <sup>3</sup>	IBM DB2 UDB Admin Client DB2 v8.1 FP12s or higher DB2 Connect 9
IBM Informix <sup>4</sup>	10.0	DataDirect ODBC driver version 5.1 or higher <sup>1</sup>
Oracle Database 9i <sup>5</sup> (Enterprise Edition, Standard Edition)	9.2.0.7 or higher	Oracle native client 9.2.0.7 or 10.1.0.5 or higher
Oracle Database 10g <sup>4</sup> (Enterprise Edition, Standard Edition, Standard Edition One)	10gR1: 10.1.0.5 or higher	Oracle native client 10.1.0.5/ native clients OCI 10g2
	10gR2: 10.2.0.2.0 or higher	Oracle native client 10.2.0.1.0 or higher/native clients OCI 10g2
Oracle Database 11g <sup>4</sup> (Enterprise Edition, Standard Edition, Standard Edition One)	11.1.0.6.0 or higher	Oracle native client OCI 11g/ Oracle native client 11g
HP Oracle Database Machine <sup>6</sup> HP Oracle Exadata Storage Server	11.1.0.7 or higher	Oracle native client OCI 11g/ Oracle native client 11g
HP Neoview <sup>5</sup>	2.3 Transporter SP1	HP Neoview ODBC Driver Release 2.3 Update 2
Teradata	V2R5.1.x, V2R6.0, V2R6.1, V2R6.2	ODBC Driver for Teradata 3.6.0.0 (03.06.00.00) or higher <sup>7</sup>
	12.0 <sup>8</sup>	Teradata 12.00.00.01 Client
Netezza	3.1	Netezza native ODBC driver version 3.1
	4.0, 4.5 <sup>3</sup>	Netezza native ODBC driver version 3.1 Netezza Driver 4.5.2 P4
Sybase Adaptive Server Enterprise (ASE)	15.0	DataDirect ODBC driver version 5.1 or higher <sup>1</sup>
Sybase IQ	12.7	Sybase native ODBC driver version 12.7
Sybase SQL Anywhere <sup>9</sup>	9.0	Corresponding SQL Anywhere ODBC driver

Table 14. Supported Data Sources for the Oracle Business Intelligence Server

Vendor and Product	Version	Connectivity Software
Oracle's Retek RPAS <sup>10</sup>	12.1.x	Windows: DataDirect OpenAccess ODBC Client version 5.6  AIX: DataDirect OpenAccess ODBC driver version 5.6
TimesTen	7.2	TimesTen native ODBC driver version 7.2 <sup>11</sup>

1. For Oracle Business Intelligence Servers on non-Windows operating systems, see section [DataDirect Connect ODBC Drivers Version 5.3 Bundled with Oracle BI EE 10.1.3.3.1 and higher on page 26](#).
2. Microsoft recommends using SQL Server Native Client with Microsoft SQL Server 2005.
3. Certified with Oracle Business Intelligence Enterprise Edition 10.1.3.4.1
4. IBM Informix has been certified on AIX platform only.
5. For Oracle 9i and 10g databases, native client OCI 10g2 is recommended.
6. Certified with Oracle Business Intelligence Enterprise Edition 10.1.3.4.
7. The exact version of the Teradata ODBC driver that is required depends on the operating system and processor (32 bit or 64 bit). Refer to the Drivers and Connectivity Software download page on the Teradata website for information on the exact 3.6.0.0x version that is supported for a given operating system.
8. Teradata 12.0 is supported with Oracle Business Intelligence Enterprise Edition 10.1.3.4. It is supported with Oracle Business Intelligence Enterprise Edition 10.1.3.3.3 with the Oracle Business Intelligence Server on Windows. NOTE: Revision H of this guide incorrectly listed 12.00.01.10 as the supported version of the Teradata Client. Revision I corrects this version to 12.00.00.01.
9. Sybase SQL Anywhere is only supported for the Oracle Business Intelligence Disconnected Analytics Client.
10. Oracle Business Intelligence supports Retek RPAS on Windows and AIX 5.3 platforms only.
11. Oracle Business Intelligence Server supports the ODBC 2.0 interface with ASCII for the TimesTen database. UTF-8 and UTF-16 are not supported.

**DataDirect Connect ODBC Drivers Version 5.3 Bundled with Oracle BI EE 10.1.3.3.1 and higher**

Oracle Business Intelligence Enterprise Edition version 10.1.3.3.1 and higher provides DataDirect Connect ODBC drivers version 5.3 for Linux and UNIX operating systems for connectivity to MS SQL Server, Informix and Sybase ASE databases. See the Oracle Business Intelligence New Features Guide for information on installation and usage of the DataDirect Connect ODBC drivers provided with Oracle BI EE 10.1.3.3.1 and higher.

32-bit and 64-bit DataDirect 5.3 drivers are available for AIX, Solaris and HP-UX Itanium. 32-bit drivers are available for Linux and HP-UX PA-RISC.

Table 15. DataDirect Connect ODBC Drivers version 5.3 Bundled with Oracle Business Intelligence Enterprise Edition

DataDirect Driver Version	Supported Operating System <sup>1</sup>	Database Connectivity To <sup>2</sup>
DataDirect Connect Driver version 5.3 (32-bit and 64-bit)	AIX 32-bit, AIX 64-bit Solaris 32-bit, Solaris 64-bit HP-UX Itanium	MS SQL Server, Informix, Sybase ASE, 32-bit and 64-bit
DataDirect Connect Driver version 5.3 (32-bit)	Red Hat Enterprise Linux, Oracle Enterprise Linux) HP-UX PA-RISC	MS SQL Server, Informix, Sybase ASE, 32-bit and 64-bit

1. For supported Operating System versions, see Operating System versions supported for the Oracle Business Intelligence Server in Table 6.

2. For supported Database versions, see Table 14 above.

## Supported Databases for Oracle Business Intelligence Delivers Scheduler

The Oracle Business Intelligence Delivers Scheduler supports the databases listed in Table 16.

Table 16. Supported Databases for Oracle Business Intelligence Delivers Scheduler

Vendor, Product and Version	Connectivity Software
Microsoft SQL Server 2000 2000 Service Pack 3 or higher	SQL Server ODBC Driver/ Microsoft Data Access Components (MDAC) 2.7 or higher DataDirect ODBC driver version 5.1 or higher <sup>1</sup> (For Oracle Business Intelligence Delivers Scheduler on non-Windows systems)
Microsoft SQL Server 2005 2005, 2005 Service Pack 1 or higher	SQL Server Native Client 2005-99-1355-00/ SQL Server ODBC Driver version 3.70.08.20 <sup>2</sup> Microsoft Data Access Components (MDAC) 2.8 DataDirect ODBC driver version 5.1 or higher <sup>1</sup> (For Oracle Business Intelligence Delivers Scheduler on non-Windows systems)
Microsoft SQL Server 2008 <sup>3</sup>	Microsoft SQL Server 2008 Native Client
IBM DB2 UDB 8.2 Fix Pack 5s or higher	DB2 SDK 8.2.x client

Table 16. Supported Databases for Oracle Business Intelligence Delivers Scheduler

Vendor, Product and Version	Connectivity Software
IBM DB2 UDB 9.1, 9.5 <sup>3</sup>	IBM DB2 UDB Admin Client DB2 v8.1 FP12s or higher IBM Data Server Runtime Client 9.5
Oracle Database 9i <sup>4</sup> 9.2.0.7 or higher	Oracle native client 9.2.0.7 or 10.1.0.5 or higher
Oracle Database 10g <sup>4</sup> 10gR1: 10.1.0.5 or higher 10gR2: 10.2.0.2.0 or higher	Oracle native client 10.1.0.5/native clients OCI 10g2 Oracle native client 10.2.0.1.0 or higher/native clients OCI 10g2
Oracle Database 11g <sup>5</sup> 11gR1: 11.1.0.6.0 or higher	Oracle native client OCI 11g/Oracle native client 11g

1. DataDirect Connect ODBC Driver version 5.3 for Linux and UNIX are provided with Oracle Business Intelligence Enterprise Edition 10.1.3.3.1 and higher. See section [DataDirect Connect ODBC Drivers Version 5.3 Bundled with Oracle BI EE 10.1.3.3.1 and higher](#).
2. Microsoft recommends using SQL Server Native Client with Microsoft SQL Server 2005.
3. Certified with Oracle Business Intelligence Enterprise Edition 10.1.3.4.1.
4. For Oracle 9i and 10g databases, native client OCI 10g2 is recommended.
5. Update in Revision H of this guide: Oracle Database 11g is supported as a database for the Oracle Business Intelligence Delivers Scheduler in Oracle Business Intelligence Enterprise Edition 10.1.3.3 and 10.1.3.4.

## Supported Databases for Oracle Business Intelligence Publisher Scheduler

The Oracle Business Intelligence Publisher Scheduler supports the databases listed in [Table 17](#).

Table 17. Supported Databases for Oracle Business Intelligence Publisher

Vendor, Product and Version	Connectivity Software
Oracle 9i, 10g	Oracle Native JDBC Driver
Oracle 11g <sup>1</sup>	Oracle Native JDBC Driver
IBM DB2 Universal Database (UDB) EE 8.2	DataDirect JDBC Driver
IBM DB2 V9, 9.5 <sup>2</sup>	DataDirect JDBC Driver
Microsoft SQL Server 2000	DataDirect JDBC Driver
Microsoft SQL Server 2005	DataDirect JDBC Driver
Microsoft SQL Server 2008 <sup>2</sup>	DataDirect JDBC Driver
Sybase Adaptive Server Enterprise 15 <sup>1</sup>	DataDirect JDBC Driver
MySQL 4.1, 5.0	MySQL Native JDBC Driver

1. Supported for the Oracle Business Intelligence Publisher Scheduler in Oracle Business Intelligence Enterprise Edition 10.1.3.4.
2. Supported for the Oracle Business Intelligence Publisher Scheduler in Oracle Business Intelligence Enterprise Edition 10.1.3.4.1.

## Support for Multidimensional Data Sources

Oracle Business Intelligence supports the multidimensional data source listed in [Table 18](#).

Table 18. Certified Multidimensional Data Source

Vendor and Product	Version
Microsoft SQL Server Analysis Services	2000 Service Pack 3, 2005
SAP BW	3.5 (Patch level 15 <sup>1</sup> ), 7.0 (Patch level 06 <sup>2</sup> )
Oracle OLAP	10.2.0.2.0

1. Versions of this guide prior to Revision J incorrectly listed the supported patch level as "Patch level 15 or higher".
2. Versions of this guide prior to Revision J incorrectly listed the supported patch level as "Patch level 06 or higher".

## Support for Oracle Real Applications Clusters (RAC)

[Table 19](#) lists support for Oracle RAC.

Table 19. Support for Oracle RAC

Oracle Server Version	Certified Oracle Version
Oracle Database 9i Enterprise Edition	9.2.0.7 or higher
Oracle Database 10g Enterprise Edition	10.2.0.3 or higher
Oracle Database 11g Enterprise Edition	11.1.0.6 or higher

## Support for ODBC Data Sources

Oracle Business Intelligence support for ODBC allows the Oracle Business Intelligence Server to query any relational database management system—either as a data warehouse, an operational data store or as a transactional system—that supports the ODBC 2.0, 2.1 or 3.5 standards.

The Oracle Business Intelligence Server supports accessing ODBC 2.0 and 2.1 compliant databases/data sources for 8-bit ASCII character sets. The Oracle Business Intelligence Server supports accessing ODBC 3.5 compliant databases/data sources for UTF-16 (unicode) character sets.

## SSL Compatibility

SSL 1996 Secure Sockets Layer (SSL V3.0) Protocol and SASL Specification JSR 28 are supported for use with Oracle Business Intelligence Enterprise Edition.

## Support for Virtualization and Virtual Machines

Oracle Business Intelligence Enterprise Edition is certified on Oracle VM on Linux x86 and Linux x86-64 operating systems as outlined in [Table 20](#). For more information on Oracle VM, see Metalink Notes 464756.1 and 464754.1 available on Oracle Metalink (<http://metalink.oracle.com>).

Table 20. Linux Operating Systems certified for Oracle Business Intelligence running on Oracle VM

Operating System <sup>1</sup>
Red Hat Enterprise Linux AS 4.x
Red Hat Enterprise Linux Server/Advanced Platform 5
Oracle Enterprise Linux 4
Oracle Enterprise Linux 5

1. Linux 64-bit support: Oracle BI EE software is 32-bit. The software can run on 64-bit processors that support 32-bit emulation. The supported processors are AMD64 and EM64T

Sun Solaris Containers and Zones are supported with Solaris 10 on hardware platforms that are supported for Oracle Business Intelligence Enterprise Edition. For a list of supported hardware platforms for Solaris 10, see [Table 6](#).

Oracle Business Intelligence Enterprise Edition may be used with VMware virtualized environments consistent with the policy for other Oracle products as stated in Metalink Note 249212.1 available on Oracle Metalink (<http://metalink.oracle.com>).

## Client Environment Requirements

This section includes the following topics:

- [n Supported Web Browsers](#)
- [n Supported Client Operating Systems](#)

## Supported Web Browsers

Oracle Business Intelligence Enterprise Edition supports the Web browsers listed in [Table 21](#).

Table 21. Supported Web Browsers

Client Operating System	Supported Web Browsers
Microsoft Windows	Microsoft Internet Explorer 6.x <sup>1</sup> Microsoft Internet Explorer 7.0 <sup>1</sup> Firefox 1.5.x Firefox 2.0 Firefox 3.0 <sup>2</sup>
Microsoft Windows Vista	Microsoft Internet Explorer 7.0 <sup>1</sup>
Linux	Firefox 1.5.x Firefox 2.0
Sun Solaris	Firefox 2.0
Apple Mac OS 10.x	Firefox 2.0

1. The Hebrew locale (HEB) is only available with Microsoft Internet Explorer. Does not apply to the Oracle Business Intelligence Publisher component.
2. Certified with Oracle Business Intelligence Enterprise Edition 10.1.3.4.1

## Supported Client Operating Systems

Oracle Business Intelligence supports the client operating systems listed in [Table 22](#).

Table 22. Supported Client Operating Systems

Client Type	Operating System and Patch Level
Oracle Business Intelligence Administration Tool	Microsoft Windows 2000
Oracle Business Intelligence Catalog Manager	Microsoft Windows 2003 SP1 or higher (32-bit only)
Oracle Business Intelligence Disconnected Analytics Client	Microsoft Windows XP SP2 or higher
Oracle Business Intelligence Briefing Book Reader	Microsoft Windows Vista
Oracle Business Intelligence Job Manager	
Oracle Business Intelligence Publisher Desktop <sup>1</sup>	
Oracle Business Intelligence Add-in for Microsoft Office <sup>2</sup>	Microsoft Windows 2003 SP1 or higher (32-bit only) Microsoft Windows XP SP2 or higher Microsoft Windows Vista

1. Oracle Business Intelligence Publisher Desktop Template Builder Add-in for Microsoft Word in Oracle Business Intelligence Enterprise Edition 10.1.3.3.x requires JRE version 1.4 or higher and Microsoft .Net Framework 2.0. Oracle Business Intelligence Publisher Desktop Template Builder Add-in for Microsoft Word in Oracle Business Intelligence Enterprise Edition 10.1.3.4 requires JRE version 1.5 or higher and Microsoft .Net Framework 2.0.
2. Oracle Business Intelligence Add-in for Microsoft Office and Oracle Business Intelligence Publisher Desktop Excel Analyzer Add-in for Microsoft Excel require Microsoft .Net Framework 2.0.

Oracle Business Intelligence for Microsoft Office supports the Microsoft Office versions and applications listed in [Table 23](#).

Table 23. Supported Microsoft Office Applications for Oracle Business Intelligence for Microsoft Office

Microsoft Office Application	Version
Excel	2003, 2007
PowerPoint	2003, 2007

Oracle Business Intelligence Publisher Desktop supports the Microsoft Office Applications listed in [Table 24](#).

Table 24. Supported Microsoft Office Applications for Oracle Business Intelligence Publisher Desktop

<b>Oracle Business Intelligence Publisher Desktop Component</b>	<b>Microsoft Office Application and Version</b>
Template Builder Add-in for Microsoft Word	Word 2000, 2002, 2003, 2007
Excel Analyzer Add-in for Microsoft Excel	Excel 2000, 2002, 2003

Oracle Business Intelligence Publisher supports Microsoft PowerPoint output for PowerPoint 2003 and PowerPoint 2007.

## Globalization Requirements

Oracle Business Intelligence supports internationalization and localization for specific languages based on customer demand. Oracle Business Intelligence 10.1.3.3 and 10.1.3.4 are available in the languages listed in [Table 25](#). Please contact your Oracle representative for updates on supported languages.

Table 25. Available Languages for Oracle Business Intelligence 10.1.3.3 and 10.1.3.4

Language	Language Code/Oracle Business Intelligence Language Code	Supported Database Code Pages
Arabic <sup>1</sup>	ARA/I_ar	Traditional/Unicode
Chinese (Simplified)	CHS/I_zh	Unicode
Chinese (Traditional)	CHT/I_zh-tw	Unicode
Croatian <sup>2</sup>	HRV/I_hr	Traditional/Unicode
Czech	CSY/I_cs	Unicode
Danish	DAN/I_da	Traditional/ Unicode
Dutch	NLD/I_nl	Traditional/ Unicode
English	ENU/I_en	Traditional/ Unicode
Finnish	FIN/I_fi	Traditional/ Unicode
French	FRA/I_fr	Traditional/ Unicode
German	DEU/I_de	Traditional/ Unicode
Greek <sup>3</sup>	ELL/I_el	Traditional/ Unicode
Hebrew	HEB/I_iw	Traditional/ Unicode
Hungarian	HUN/I_hu	Traditional/ Unicode
Italian	ITA/I_it	Traditional/ Unicode
Japanese	JPN/I_ja	Traditional/ Unicode
Korean	KOR/I_ko	Unicode
Norwegian	NOR/I_no	Traditional/ Unicode
Polish	POL/I_pl	Traditional/ Unicode
Portuguese (Brazilian)	PTB/I_pt-br	Traditional/ Unicode
Portuguese (European)	PTG/I_pt	Traditional/ Unicode
Romanian	ROM/I_ro	Traditional/ Unicode
Russian	RUS/I_ru	Traditional/ Unicode
Slovak	SKY/I_sk	Traditional/ Unicode

Table 25. Available Languages for Oracle Business Intelligence 10.1.3.3 and 10.1.3.4

Language	Language Code/Oracle Business Intelligence Language Code	Supported Database Code Pages
Spanish	ESN/I_es	Traditional/ Unicode
Swedish	SVE/I_sv	Traditional/ Unicode
Thai <sup>1</sup>	THA/I_th	Traditional/Unicode
Turkish	TRK/I_tr	Traditional/ Unicode

1. Available with the release of Oracle Business Intelligence Enterprise Edition 10.1.3.3.1. The Oracle Business Intelligence charting engine (Corda) does not support Arabic and Thai. For an alternate solution to enable charting, use Oracle Business Intelligence Publisher reports containing charts. For further details see [Table 30 on page 48](#).
2. Available with the release of Oracle Business Intelligence Enterprise Edition 10.1.3.3.2. NOTE: Oracle Business Intelligence Add-in for Microsoft Office is available in Croatian in Oracle Business Intelligence Enterprise Edition version 10.1.3.3.3.
3. Revisions F and previous versions of this guide had incorrect entries for the three-letters Language code. Corrections have been provided with Revision G of this guide.

# Overview of Supported Environments

## Homogeneous and Heterogeneous Environments

Oracle Business Intelligence Suite Enterprise Edition Infrastructure components are supported in various homogeneous and heterogeneous server environments, as illustrated in the example defined in [Table 26](#). In homogeneous environments, the Database, the Oracle Business Intelligence Server and the Oracle Business Intelligence Presentation Services are all deployed on the same platform. In heterogeneous environments, these servers can be deployed on different supported platforms.

Table 26. Example of Supported Homogeneous and Heterogeneous Environments for Oracle Business Intelligence Applications

Database	Oracle Business Intelligence Server	Oracle Business Intelligence Presentation Services	Oracle Business Intelligence Web Server
IBM DB2 UDB	Microsoft Windows 2000/2003	Linux (See <a href="#">Table 6 on page 17</a> )	Microsoft IIS Web Server running on Microsoft Windows 2003 Server
IBM DB2 ESE			
IBM DB2 UDB for OS/390 and z/OS	Linux (See <a href="#">Table 6 on page 17</a> )	Microsoft Windows 2000/2003	or
Oracle Database 9i			Oracle Application Server OC4J/HTTP version 10.1.3.1 on Red Hat 4.x
Oracle Database 10g			
Oracle Database 11g			
Microsoft SQL Server 2000			
Microsoft SQL Server 2003			
Microsoft SQL Server 2005			
NCR Teradata		Apache Tomcat on Microsoft Windows 2000/2003	

# 3

## Supported Software and Ancillary Programs

This chapter includes the following topics:

- n Supported Software
- n Ancillary Programs
- n License Agreements

### Supported Software

Oracle Business Intelligence Enterprise Edition 10.1.3.3 and 10.1.3.4 support the third-party software products listed in [Table 27](#). These products must be obtained directly from the vendors that sell them.

Table 27. Supported Software

Vendor and Product	Version	Associated Module	Function
Adobe Acrobat Reader	6.0, 7.0	Oracle Business Intelligence	Used for viewing portable document format (PDF) documents.
Adobe Flash Player	8,9	Oracle Business Intelligence Presentation Services	Used in the Web client browser to display charts.
	9	Oracle Business Intelligence Publisher	Used to view report outputs from Flash Templates.
Adobe Flex Builder IDE	2.0.1	Oracle Business Intelligence Publisher	Used to build Flash Templates.
IBM DB2 Cube Views	DB2 UDB 8.2	Oracle Business Intelligence	Used to integrate Oracle Business Intelligence metadata into DB2 and to accelerate multidimensional analysis.
IBM Directory Server	5.1 or above	Oracle Business Intelligence (LDAP Security Adapter)	LDAP Support (LDAP Security Adapter).

## Ancillary Programs

The ancillary programs listed in [Table 28](#) are provided with Oracle Business Intelligence Enterprise Edition 10.1.3.3 and 10.1.3.4 through licensing agreements with the vendors that own the programs. The use of all ancillary programs is governed by the terms of the Software License and Services Agreement (SLSA) between your company and Oracle.

Instructions for installing ancillary programs where needed are provided in the server installation guide for your platform, and in other installation information in the Oracle Business Intelligence documentation set.

Your Oracle Business Intelligence software may include some or all of the ancillary programs listed in [Table 28](#).

Table 28. Ancillary Programs

Vendor and Product	Version	Associated Oracle Business Intelligence Module	Distribution Method and Description
Apache Software Foundation Xerces - C++	2.6.0, 2.7, and 1.6.0	Oracle Business Intelligence Server	Embedded. XML Parser.
Apache Software Foundation Xerces - Java	1.4.4	Oracle Business Intelligence (Installer)	Embedded. XML Parser.
Apache Software Foundation Apache file upload	1.0	Oracle Business Intelligence Publisher	Embedded.
Apache Software Foundation Apache Commons BeanUtil	1.6	Oracle Business Intelligence Publisher	Embedded.
Apache Software Foundation Apache Commons Discovery	1.2.1	Oracle Business Intelligence Publisher	Embedded.
Apache Software Foundation Apache Commons DBCP	1.2.1	Oracle Business Intelligence Publisher	Embedded.
Apache Software Foundation Apache Commons Digester	1.7	Oracle Business Intelligence Publisher	Embedded.
Apache Software Foundation Apache Commons Pool	1.2	Oracle Business Intelligence Publisher	Embedded.

Table 28. Ancillary Programs

Vendor and Product	Version	Associated Oracle Business Intelligence Module	Distribution Method and Description
Apache Software Foundation Apache Commons Collections v3.1	3.1	Oracle Business Intelligence Publisher	Embedded.
Apache Software Foundation Log4j	1.4.8	Oracle Business Intelligence Publisher	Embedded.
Apache Software Foundation Apache Commons El		Oracle Business Intelligence Publisher	Embedded.
Apache Software Foundation Apache Commons Logging	1.04	Oracle Business Intelligence Publisher	Embedded.
Apache Software Foundation Apache Commons Logging-api	1.04	Oracle Business Intelligence Publisher	Embedded.
Apache Software Foundation Xerces C++	2.4.0	Oracle Business Intelligence Presentation Services	Embedded.
Apache Software Foundation Axis - Java	1.2.1	Oracle Business Intelligence Presentation Services	Embedded.
Corde PopCharts	5.1	Oracle Business Intelligence Presentation Services	Embedded (UNIX). Distributed (Windows). Charting Engine.
Crypto++ 3DES algorithm	5.4	Oracle Business Intelligence Server	Embedded. Used for password encryption.
DataDirect Connect ODBC Driver Manager	5.1, 5.3 <sup>1</sup>	Oracle Business Intelligence Server	Embedded. Loads Oracle Business Intelligence ODBC driver on supported UNIX platforms.

Table 28. Ancillary Programs

Vendor and Product	Version	Associated Oracle Business Intelligence Module	Distribution Method and Description
DataDirect Connect ODBC Drivers <sup>1</sup>	5.3	Oracle Business Intelligence Server	Distributed. Provides connectivity for Oracle BI Servers on UNIX platforms to MS SQL Server, Informix and Sybase ASE databases.
IBM Directory Server component of the Tivoli Access Manager for eBusiness	5.1	Oracle Business Intelligence LDAP Security Adapter	Embedded. Integration with LDAP directory to support external user authentication.
IBM LDAP (Lightweight Directory Access Protocol) SDK	5.1	Oracle Business Intelligence LDAP Security Adapter	Embedded. Integration with LDAP directory to support external user authentication.
IBM LDAP [includes IBM Global Security Toolkit (GSKit)]	7.0.3.3	Oracle Business Intelligence Server	Embedded.
Microsoft InstallShield Developer	5.0 SP1	Oracle Business Intelligence	Embedded. Used in installing the Oracle Business Intelligence applications on the Windows platforms.
Microsoft .NET Framework	2.0	Oracle Business Intelligence Add-in for Microsoft Office	Distributed.
Microsoft Visual Studio 7.0 Runtime Components		Oracle Business Intelligence Installer	Distributed.

Table 28. Ancillary Programs

Vendor and Product	Version	Associated Oracle Business Intelligence Module	Distribution Method and Description
Open SSL	0.9.8c	Oracle Business Intelligence Presentation Services Oracle Business Intelligence Server	Embedded.
OpenSymphony Quartz	1.5.1	Oracle Business Intelligence Publisher	Embedded.
Rogue Wave Stingray Objective Studio redistributable components	R2000	Oracle Business Intelligence Administration Tool	Embedded. UI Components embedded into Oracle Business Intelligence Administration Tool.
Secure Hunny Mail ++	3.1.1.0	Oracle Business Intelligence Scheduler	Embedded.
Sun Java SE	1.5	Oracle Business Intelligence Presentation Services	Embedded.
STLport Consulting's STLport Standard Template Library	4.5.1	Oracle Business Intelligence	Embedded. C++ Standard Template Library.
Sybase Adaptive Server Anywhere (ASA)	9.0.1.1922 (Windows only)	Oracle Business Intelligence Disconnected Analytics	Embedded. Database engine used by the Oracle Business Intelligence Disconnected Analytics client.

Table 28. Ancillary Programs

Vendor and Product	Version	Associated Oracle Business Intelligence Module	Distribution Method and Description
Zlib	1.1.4	Oracle Business Intelligence Disconnected Analytics	Embedded. Compresses file attachments, Siebel Remote files and SISNAPI traffic.
Zlib	1.2.3	Oracle Business Intelligence Presentation Services	Embedded.

1. Available with Oracle Business Intelligence Enterprise Edition 10.1.3.3.1 and higher.

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This product includes cryptographic software written by Eric Young ([eay@cryptsoft.com](mailto:eay@cryptsoft.com)). This product includes software written by Tim Hudson ([tjh@cryptsoft.com](mailto:tjh@cryptsoft.com)).



# 4

## Product and Platform Availability Updates

### Product and Feature Availability

Please note that some features that are generally available in the product may not be available in specific operating environments. In most cases, this is due to third-party product support limitations. However, while an individual feature may not be available in a specific operating environment, the product as a whole will operate as specified. Oracle Business Intelligence Suite Enterprise Edition Release 10.1.3.3 and 10.3.4 Product Availability Exceptions are listed in [Table 29 on page 47](#). Feature Availability Exceptions are listed in [Table 30 on page 48](#).

Table 29. Product Availability Exceptions

Oracle Product	Limitation Type	Availability Issue
Oracle Business Intelligence	Language	The Hebrew locale is only available with Microsoft Internet Explorer. This exception does not apply to the Oracle Business Intelligence Publisher component.
Oracle Business Intelligence Add-in for Microsoft Office	Language	Oracle Business Intelligence for Microsoft Office is available for the English language only in Oracle Business Intelligence Enterprise Edition 10.1.3.3.0.
Oracle Business Intelligence Add-in for Microsoft Office	Language	Oracle Business Intelligence for Microsoft Office is not available in the Croatian language in Oracle Business Intelligence Enterprise Edition 10.1.3.3.2.
Oracle Business Intelligence Delivers <sup>1</sup>	Platform	Oracle Business Intelligence Delivers (the Scheduler database) is not supported on databases not listed in <a href="#">Table 16 on page 27</a> . When using Teradata or other databases, the best practice is to use Teradata for your "normal" backend database for queries, and then use Oracle, DB2 or SQL Server for the scheduler database.
Oracle Business Intelligence	Platform	Oracle neither tests nor offers support for Oracle Business Intelligence clustering using third-party clustering products, such as Veritas.
Oracle Business Intelligence	Directory Service (LDAP)	Oracle Business Intelligence supports Microsoft Active Directory for Authentication purposes only.

1. Update with Revision I of this guide: Oracle Business Intelligence Scheduler on HP-UX Itanium 64 bit with IBM DB2 as the Scheduler database is a supported combination for Oracle Business Intelligence Delivers in Oracle Business Intelligence 10.1.3.3 and 10.1.3.4. Versions of this guide prior to Revision I incorrectly listed the combination as unsupported.

Table 30. Feature Availability Exceptions

<b>Product</b>	<b>Feature</b>	<b>Limitation Type</b>	<b>Availability Issue</b>
Oracle Business Intelligence	Usage Tracking	Feature	Usage Tracking functionality is not supported on the Teradata, Netezza, NeoView, and DB2 z/OS platform.
Oracle Business Intelligence	Charting functionality	Language	The Oracle Business Intelligence charting engine (Corda) does not support Arabic and Thai languages. To enable charting functionality for these languages, use Oracle Business Intelligence Publisher reports containing charts. See the Oracle Business Intelligence New Features Guide for information on implementing this solution.

# 5

## Planned Certification

This chapter includes information on certifications that are planned for subsequent releases of Oracle Business Intelligence Suite Enterprise Edition.

### Planned Certification for Web Browsers

Table 31. Planned Certification for Web Browsers

Client Operating System	Planned Web Browser Certification
Windows	Internet Explorer 8

### Planned Certification for Web and Application Servers

Table 32. Planned Certification for Web and Application Servers

Planned Web and Application Server Certifications
Microsoft IIS 7

### Planned Certification for Databases

Table 33. Planned Database Certifications

Planned Database Certifications
Teradata 13

