



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

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December 2007

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# Contents

## Chapter 1: Introduction

- Oracle Business Intelligence Suite Enterprise Edition Documentation 6
- Contacting Technical Support 7

## Chapter 2: Platform Requirements for Oracle Business Intelligence

- Hardware Requirements 10
  - Hardware Requirements for Oracle Business Intelligence Platform 10
  - Hardware Requirements for Cluster Server 11
  - Hardware Requirements for Oracle Business Intelligence Disconnected Analytics 15
- Server Environment Requirements 16
  - Supported Server Operating Systems 16
  - Supported Web Servers 18
  - Oracle Business Intelligence Delivers Support for SMTP 19
  - Support for ODBC Open Client Interface 19
- Supported Data Sources 20
  - Supported Databases for Oracle Business Intelligence Enterprise Edition 21
  - Support for Oracle Real Applications Clusters (RAC) 22
  - Support for Multidimensional Data Sources 22
  - Support for ODBC Data Sources 22
- Client Environment Requirements 23
  - Supported Web Browsers 23
  - Supported Client Operating Systems 24
- Globalization Requirements 25
- Overview of Supported Environments 27

## Chapter 3: Supported Software and Ancillary Programs

- Supported Software 29
- Ancillary Programs 30
- License Agreements 34

**Chapter 4: Product and Platform Availability Updates**

**Chapter 5: Planned Certification**

# 1

## Introduction

This book contains the definitive list of system requirements and supported platforms for Release 10.1.3.2 of Oracle Business Intelligence Suite 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 [Contacting Technical Support](#)
- 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) and on Siebel SupportWeb.

## *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)

## *To access Oracle Business Intelligence Suite Enterprise Edition Documentation on Siebel SupportWeb*

- 1 Go to <http://supportweb.siebel.com> and log in using the login name and password given to you by Support Services. If you do not have this information, contact Global Technical Support at <mailto:support@siebel.com>.
- 2 Under Self Service, click Browse/Search Knowledge Base.
- 3 In the left pane, click Product Documentation.

## Contacting Technical Support

To maximize your Oracle Business Intelligence product implementation success and your return on investment, it is the recommended standard that your designated support contacts are trained representatives of your company. Such training should include initial basic product training and, as needed, supplemental training appropriate for the specific role or implementation phase, specialized product usage, and/or migration. This training ensures that your implementation team has the right level of knowledge to troubleshoot issues and provide the necessary technical information to the Global Customer Support team so that we can effectively work with you to resolve your issues quickly.

It is a recommended industry best practice that you establish and maintain the organization and processes to provide first-line support for your Oracle Business Intelligence implementation directly to your users. Global Customer Support provides second-line support to your trained designated contacts who have administration access and are able to provide information such as repository files, log files, or database extracts required for issue diagnosis.

To maximize your knowledge of Oracle Business Intelligence Suite Enterprise Edition products and your return on investment:

- n You should attend Oracle training to become a designated contact.
- n Your Oracle-trained designated contacts provide technical support to your users. Global Customer Support provides support directly to your designated contacts only.

To provide efficient, timely support and access to the Global Customer Support knowledge base:

- n Global Customer Support is primarily Web-based; it can be accessed through Siebel SupportWeb (<http://ebusiness.siebel.com/supportweb>). Here you can search our extensive knowledge base for solutions. If you are unable to resolve your issue, your designated contacts can submit a service request to our Global Support Team.
- n Designated contacts receive read/write access to Siebel SupportWeb. A read-only account is provided for your company so that the project team can use the knowledge base.

If you do not have a SupportWeb account, or if you have a question, please contact us at <mailto:siebelsupport@oracle.com> or call your local Support Center:

|                     |  |
|---------------------|--|
| North America:      | +1 800 214 0400 or +1 650 341 0700   |
| Brazil (São Paulo): | +55 11 5189 3330   |
| UK (London):        | +44 118 92 45678   |
| Germany (Munich):   | +49 891 430 1710   |
| France (Paris):     | +44 118 92 45678   |
| Ireland (Galway):   | +44 118 92 45678   |
| Japan (Tokyo):      | 0120 606 750 (toll-free, Japan domestic only),<br>+81 3 5251 8884 (outside of Japan) |
| Singapore:          | +65 6436 1866  |

Outside of local support center hours, for urgent severity 1 production issues, customers can call: +1 800 214 0400 or +1 650 341-0700.



# 2

## Platform Requirements for Oracle Business Intelligence

This chapter includes the following topics:

- n [Hardware Requirements](#)
- n [Server Environment Requirements](#)
- n [Supported Data Sources](#)
- 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 10.1.3.2.

Oracle has certified 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.

**NOTE:** The hardware requirements listed in [Table 1](#), [Table 2](#), [Table 3](#), and [Table 4](#) are *minimum* requirements 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 platform 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><br>1 GHz, 2 GB RAM  |
| Oracle Business Intelligence Server                | <b>Disk Space:</b><br>2 GB of hard disk space, plus appropriate disk space for cache storage and Scheduler results sets (see Temporary Disk Space). |
| Oracle Business Intelligence Administration Tool   | <b>Temporary Disk Space:</b><br>2 GB  |
| Oracle Business Intelligence Scheduler             |   |
| Oracle Business Intelligence Presentation Services | <b>CPU and RAM:</b><br>1 GHz, 2 GB RAM  |
|  | <b>Disk Space:</b><br>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><br>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:<br>Oracle Business Intelligence Server<br>Oracle Business Intelligence Scheduler | <p><b>CPU and RAM:</b><br/>1 GHz, 2GB RAM</p> <p><b>Disk Space:</b><br/>2GB, plus appropriate disk space for cache storage and Scheduler results sets (see Temporary Disk Space).</p> <p><b>Temporary Disk Space:</b><br/>2 GB</p>                           |
| Oracle Business Intelligence Presentation Services   | <p><b>CPU and RAM:</b><br/>1 GHz, 2 GB RAM</p> <p><b>RAM:</b><br/>2 GB or better</p> <p><b>Disk Space:</b><br/>2GB, plus appropriate disk space for cache storage and log files (see Temporary Disk Space).</p> <p><b>Temporary Disk Space:</b><br/>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><br/>1 GHz; 2 GB RAM</p> <p><b>Disk Space:</b><br/>1 GB</p>   |
| A machine hosting a Cluster Controller or an Oracle Business Intelligence Scheduler  | <p><b>Processor and RAM:</b><br/>500 MHz, 1 GB</p> <p><b>Disk Space:</b><br/>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><br/>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><br/>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><br/>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><br/>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><br/>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 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.</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 Servers](#)
- n [Oracle Business Intelligence Delivers Support for SMTP](#)
- n [Support for ODBC Open Client Interface](#)

## 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 Version |
|---|---|--------------------------------------|
| Oracle Business Intelligence Server<br><br>Oracle Business Intelligence Presentation Services<br><br>Oracle Business Intelligence Publisher (XML Publisher) | Microsoft Windows 2000/2003 Server      | 10.1.3.2.0 and higher                |
|   | Red Hat Enterprise Linux AS 4.x         |                                      |
|   | Novell SUSE 9.x                         |                                      |
|   | Oracle Enterprise Linux 4 Update 4      | 10.1.3.2.1                           |
|   | 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                  |                                      |
|   | HP-UX 11.11 PA-RISC 64 bit <sup>2</sup> |                                      |
| HP-UX 11.23 PA-RISC 64 bit <sup>2</sup>   |   |                                      |
| HP-UX 11.23 Itanium 64 bit <sup>3</sup>   |   |                                      |

1. Windows and Linux 64-bit support: For the Windows and Linux releases, the 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: Revision A of this guide incorrectly listed Itanium2 as a supported processor.
2. Oracle Business Intelligence Enterprise Edition binaries are 32-bit.
3. Oracle Business Intelligence Enterprise Edition binaries are 32-bit and 64-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                                   | 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.

## Supported Web Servers

Oracle Business Intelligence Enterprise Edition certifies the Web servers listed in [Table 8](#).

Table 8. Certified Web Servers

| Server Operating System                                     | Web Server and Patch Level  |
|---|---|
| Linux and UNIX (See <a href="#">Table 6 on page 16</a> )    | Apache Tomcat 5.5.x<br>Oracle Application Server version 10.1.3.1<br>IBM WebSphere Application Server versions 5.1, 6.0, 6.1<br>Sun Java System Web Server 6.1, 7.0   |
| Microsoft Windows (See <a href="#">Table 6 on page 16</a> ) | Apache Tomcat 5.5.x<br>Microsoft IIS 5.0 on Windows 2000 and IIS 6.0 on Windows 2003 <sup>1</sup><br>Oracle Application Server version 10.1.3.1<br>IBM WebSphere Application Server versions 5.1, 6.0, 6.1<br>Sun Java System Web Server 6.1, 7.0 |

1. Microsoft IIS is not a supported Web server for Oracle Business Intelligence Publisher. Oracle Business Intelligence Publisher is supported on any J2EE-based Application Server.

**NOTE:** Oracle Business Intelligence Web Server also requires the installation of a Java Runtime Environment (JRE) with the particular recommended versions above depending on the platform that is used.

## Web Portal Support

Oracle Business Intelligence supports the Web Portals listed in [Table 9](#).

Table 9. Supported Web Portals

| Portal                        | Version  |
|-------------------------------|----------|
| Oracle Portal                 | 10.1.4.x |
| IBM WebSphere Portal Server   | 5.1, 6.0 |
| Oracle WebCenter <sup>1</sup> | 10.1.3.2 |

1. Oracle WebCenter is supported with Oracle Business Intelligence Enterprise Edition version 10.1.3.2.1

## Single Sign-On (SSO) Server Support

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

Table 10. Certified SSO Servers

| SSO Server           | Version  |
|----------------------|----------|
| Oracle SSO 10g       | 10.1.4.x |
| IBM Tivoli           | 6.0      |
| CA eTrust Siteminder | 6.0      |

## Identity Management Support

Oracle Business Intelligence supports the identity management applications listed in [Table 11](#).

Table 11. Supported Identity Management Applications

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

Oracle provides an ODBC client driver so that third-party software products can connect as SQL clients to the Oracle Business Intelligence Server. ODBC 2.0 and ODBC 3.5 interfaces are supported for this purpose. Although many clients such as Microsoft Access and Business Objects can be used, Oracle has not explicitly certified particular clients.

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

## Supported Databases for Oracle Business Intelligence Enterprise Edition

Oracle Business Intelligence Enterprise Edition supports the relational databases listed below in [Table 12](#). In addition, Oracle Business Intelligence offers connectivity to multidimensional data sources, as detailed in [Table 14 on page 22](#), and ODBC data sources, as detailed in [“Support for ODBC Data Sources” on page 22](#).

Table 12. Supported Databases

| Vendor and Product  | Version                      | Connectivity Software  |
|---|------------------------------|--|
| Microsoft SQL Server 2000   | 2000 Service Pack 3          | SQL Server ODBC Driver/<br>Microsoft Data Access<br>Components (MDAC) 2.7  |
| Microsoft SQL Server 2005 <sup>1</sup>  | 2005                         | SQL Server Native Client 2005-<br>99-1355-00/ SQL Server ODBC<br>Driver version 3.70.08.20<br><br>Microsoft Data Access<br>Components (MDAC) 2.8 |
| IBM DB2 Universal Database<br>(UDB) Enterprise Edition/<br>Workgroup Edition for Windows<br>and UNIX and Linux on IA-32 | 8.2 with FixPak 5s or higher | DB2 SDK 8.2.x client   |
| IBM DB2 Universal Database<br>(UDB) for OS/390 and z/OS (NFM<br>mode only)  | Version 8                    | IBM DB2 UDB Admin Client<br>DB2 v8.1 FP12s   |
| Oracle Database 9i Enterprise<br>Edition <sup>2</sup>   | 9.2.0.7 or higher            | Oracle native client 9.2.0.7 or<br>10.1.0.5  |
| Oracle Database 10g Enterprise<br>Edition <sup>2</sup>  | 10.1.0.5 or higher           | Oracle native client 10.1.0.5/<br>native clients OCI 10g2  |
|   | 10.2.0.1.0 or higher         | Oracle native client 10.2.0.1.0  |
| NCR Teradata  | V2R5.1.x, V2R6.0, V2R6.1     | 03.05.00.07 or higher <sup>3</sup>   |
| Sybase SQL Anywhere <sup>4</sup>  | 9.0                          | Corresponding SQL Anywhere<br>ODBC driver  |
| MySQL <sup>5</sup>  | 4.1, 5.0                     |  |
| XMLA Data Source  |                              |  |

1. Microsoft recommends using SQL Server Native Client with Microsoft SQL Server 2005.

2. For Oracle 9i and 10g databases, native clients OCI 10g2 is recommended.

3. 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 version of the Teradata ODBC driver that is supported for a given operating system.

4. Sybase SQL Anywhere is only supported for the Oracle Business Intelligence Disconnected Client and Oracle Business Intelligence Publisher.
5. MySQL database is only supported for the Oracle Business Intelligence Publisher Scheduler.

## Support for Oracle Real Applications Clusters (RAC)

Table 13 lists support for Oracle RAC.

Table 13. Support for Oracle RAC

| Oracle Server Version                  | Certified Oracle Version  |
|--|---------------------------|
| Oracle Database 9i Enterprise Edition  | Oracle 9.2.0.7 or higher  |
| Oracle Database 10g Enterprise Edition | Oracle 10.2.0.3 or higher |

## Support for Multidimensional Data Sources

Oracle Business Intelligence supports the multidimensional data source listed in Table 14.

Table 14. 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), 7.0 (Patch level 06) |
| Oracle OLAP                            | 10.2.0.2.0                                 |

## Support for ODBC Data Sources

Oracle Business Intelligence support for ODBC allows 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.

# Client Environment Requirements

This section includes the following topics:

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

## Supported Web Browsers

There are no client install requirements for Oracle Business Intelligence Enterprise Edition. Oracle Business Intelligence Enterprise Edition supports the Web browsers listed in [Table 15](#).

Table 15. Supported Web Browsers

| Client Operating System | Supported Web Browsers   |
|-------------------------|--|
| Microsoft Windows       | Microsoft Internet Explorer 6.x <sup>1</sup><br>Microsoft Internet Explorer 7.0 <sup>1</sup><br>Firefox 1.5.x<br>Firefox 2.0 |
| Linux                   | Firefox 1.5.x<br>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.

## Supported Client Operating Systems

Oracle Business Intelligence supports the client operating systems listed in [Table 16](#).

Table 16. Supported Client Operating Systems

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

1. Oracle Business Intelligence Publisher Desktop requires JRE version 1.4 or higher and Microsoft .Net Framework 2.0

2. Oracle Business Intelligence Microsoft Excel Add-In requires Microsoft .Net Framework 2.0.

Oracle Business Intelligence Publisher Desktop supports the Microsoft Office Applications listed in [Table 17](#).

Table 17. Supported Microsoft Office Applications for Oracle Business Intelligence Publisher Desktop

| Microsoft Office Application | Version |
|------------------------------|---------|
| Word                         | 2000    |
|                              | 2002    |
|                              | 2003    |
| Excel                        | 2000    |
|                              | 2002    |
|                              | 2003    |

## Globalization Requirements

Oracle Business Intelligence supports internationalization and localization for specific languages based on customer demand. Oracle Business Intelligence 10.1.3.2 includes localization support for the languages listed in Table 18. Oracle Business Intelligence Publisher is available in the additional languages listed in Table 19. Please contact your Oracle representative for updates on supported languages.

Table 18. Available Languages for Oracle Business Intelligence 10.1.3.2

| Language               | Language Code/Oracle Business Intelligence Language Code | Supported Database Code Pages |
|------------------------|--|-------------------------------|
| Chinese (Simplified)   | CHS/I_zh   | Unicode                       |
| Chinese (Traditional)  | CHT/I_zh-tw  | 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          |
| Hebrew                 | HEB/I_iw   | Traditional/ Unicode          |
| Italian                | ITA/I_it   | Traditional/ Unicode          |
| Japanese               | JPN/I_ja   | Traditional/ Unicode          |
| Korean                 | KOR/I_ko   | Unicode                       |
| Portuguese (Brazilian) | PTB/I_pt-br  | Traditional/ Unicode          |
| Portuguese (European)  | PTG/I_pt   | Traditional/ Unicode          |
| Spanish                | ESN/I_es   | Traditional/ Unicode          |
| Swedish                | SVE/I_sv   | Traditional/ Unicode          |

Table 19. Additional Languages Available for Oracle Business Intelligence Publisher

| Language  |
|-----------|
| Greek     |
| Hungarian |

Table 19. Additional Languages Available for Oracle Business Intelligence Publisher

| Language  |
|-----------|
| Norwegian |
| Polish    |
| Romanian  |
| Russian   |
| Slovak    |
| Turkish   |

# 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 20](#). 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 20. 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 16</a> )    | Microsoft IIS Web Server running on Microsoft Windows 2003 Server      |
| IBM DB2 ESE                     | Linux (See <a href="#">Table 6 on page 16</a> ) | Microsoft Windows 2000/2003                        | or   |
| IBM DB2 UDB for OS/390 and z/OS |   |  | Oracle Application Server OC4J/HTTP version 10.1.3.1 on RedHat 4.x     |
| Oracle 9i Enterprise Server     |   |  | (See <a href="#">Table 8 on page 18</a> for Web server certifications) |
| Oracle 10g Enterprise Server    |   |  | Apache Tomcat on Microsoft Windows 2000/2003                           |
| Microsoft SQL Server 2000       |   |  |  |
| Microsoft SQL Server 2003       |   |  |  |
| Microsoft SQL Server 2005       |   |  |  |
| NCR Teradata                    |   |  |  |



# 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 10.1.3.2 supports the third-party software products listed in [Table 21](#). These products must be obtained directly from the vendors that sell them.

Table 21. 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   | 7, 8, 9      | Oracle Business Intelligence Presentation Services   | Used in the Web client browser to display charts.   |
| 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 22](#) are provided with Oracle Business Intelligence 10.1.3.2 through licensing agreements with the vendors that own them. 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 22](#).

Table 22. Ancillary Programs

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

Table 22. Ancillary Programs

| Vendor and Product  | Version | Associated Oracle Business Intelligence Module     | Distribution Method and Description   |
|---|---------|--|---|
| Apache Software Foundation<br>Apache Commons Collections v3.1 | 3.1     | Oracle Business Intelligence Publisher             | Embedded.   |
| Apache Software Foundation<br>Log4j                           | 1.4.8   | Oracle Business Intelligence Publisher             | Embedded.   |
| Apache Software Foundation<br>Apache Commons El               |         | Oracle Business Intelligence Publisher             | Embedded.   |
| Apache Software Foundation<br>Apache Commons Logging          | 1.04    | Oracle Business Intelligence Publisher             | Embedded.   |
| Apache Software Foundation<br>Apache Commons Logging-api      | 1.04    | Oracle Business Intelligence Publisher             | Embedded.   |
| Apache Software Foundation<br>Xerces C++                      | 2.4.0   | Oracle Business Intelligence Presentation Services | Embedded.   |
| Apache Software Foundation<br>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++<br>3DES algorithm                                    | 5.4     | Oracle Business Intelligence Server                | Embedded. Used for password encryption.   |
| DataDirect (Merant) Connect ODBC Driver Manager               | 4.1     | Oracle Business Intelligence Server                | Embedded. Loads Oracle Business Intelligence ODBC driver on supported UNIX platforms. |

Table 22. Ancillary Programs

| Vendor and Product  | Version | Associated Oracle Business Intelligence Module  | Distribution Method and Description  |
|---|---------|---|--|
| 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 Visual Studio 7.0 Runtime Components                            |         | Oracle Business Intelligence Installer  | Distributed.   |
| Open SSL  | 0.9.8c  | Oracle Business Intelligence Presentation Services<br>Oracle Business Intelligence Server | Embedded.  |
| OpenSymphony<br>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.              |

Table 22. Ancillary Programs

| Vendor and Product                                     | Version                      | Associated Oracle Business Intelligence Module      | Distribution Method and Description   |
|--|------------------------------|---|---|
| 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<br>(Windows only) | Oracle Business Intelligence Disconnected Analytics | Embedded. Database engine used by the Oracle Business Intelligence Disconnected Analytics client. |
| Zlib   | 1.1.4                        | Oracle Business Intelligence Disconnected Analytics | Embedded. Compresses file attachments, Siebel Remote files and SISNAPI traffic.                   |
|  | 1.2.3                        | Oracle Business Intelligence Presentation Services  | Embedded.   |

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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 10.1.3.2 Product Availability Exceptions are listed in [Table 23 on page 37](#). Feature Availability Exceptions are listed in [Table 24 on page 37](#).

Table 23. Product Availability Exceptions

| Oracle Product                        | Limitation Type          | Availability Issue   |
|---------------------------------------|--------------------------|--|
| Oracle Business Intelligence          | Directory Service (LDAP) | Oracle Business Intelligence supports Microsoft Active Directory for Authentication purposes only.   |
| Oracle Business Intelligence          | Language                 | Oracle Business Intelligence does not support Arabic or Thai. This is because of third-party software limitations (Corda).   |
| Oracle Business Intelligence Delivers | Platform                 | Oracle Business Intelligence Delivers is not supported for the following combination: Oracle Business Intelligence Scheduler on HP-UX Itanium 64 bit with IBM DB2 as the Scheduler database.   |
| Oracle Business Intelligence Delivers | Platform                 | Oracle Business Intelligence Delivers (the Scheduler database) is not supported on Teradata. 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          | Language                 | The Hebrew locale is only available with Microsoft Internet Explorer.  |

Table 24. Feature Availability Exceptions

| Product                      | Feature        | Limitation Type | Availability Issue  |
|------------------------------|----------------|-----------------|---|
| Oracle Business Intelligence | Usage Tracking | Feature         | Usage Tracking functionality is not supported on the Teradata platform. |



# 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 25. Planned Certification for Web Browsers

| Client Operating System  | Planned Web Browser Certification |
|--------------------------|-----------------------------------|
| Windows, Solaris, Mac OS | Firefox 3.0                       |

### Planned Certification for Web Servers

Table 26. Planned Certification for Web Servers

| Planned Web Server Certifications  |
|------------------------------------|
| BEA Weblogic 9.x                   |
| Oracle Application Server 10.1.3.3 |

## Planned Certification for Client Operating Systems

Table 27.

| Planned Client Operating System Certifications |
|--|
| Microsoft Vista                                |

## Planned Certification for Databases

Table 28.

| Planned Database Certifications |
|---------------------------------|
| IBM DB2 for UDB EE 9            |
| NCR Teradata V2R6.2             |
| Netezza                         |

## Planned Certification for Languages

The languages listed in [Table 29](#) are planned for certification for Oracle Business Intelligence Enterprise Edition in summer of 2007.

Table 29. Planned Language Certifications

| Planned Language Certifications |
|---------------------------------|
| Greek                           |
| Hungarian                       |
| Norwegian                       |
| Polish                          |
| Romanian                        |
| Russian                         |
| Slovak                          |
| Turkish                         |