

Oracle® Collaboration Suite

Certification Guide

10g Release 1 (10.1.2) for UNIX and Microsoft Windows

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Preface

This manual is your primary source of certification information for Oracle Collaboration Suite.

This preface contains the following topics:

- [Audience](#)
- [Documentation Accessibility](#)
- [Related Documents](#)
- [Conventions](#)

Audience

This manual is intended for administrators, system operators, and other Oracle users who are responsible for verifying certified components with regard to Oracle Collaboration Suite.

Documentation Accessibility

Our goal is to make Oracle products, services, and supporting documentation accessible, with good usability, to the disabled community. To that end, our documentation includes features that make information available to users of assistive technology. This documentation is available in HTML format, and contains markup to facilitate access by the disabled community. Accessibility standards will continue to evolve over time, and Oracle is actively engaged with other market-leading technology vendors to address technical obstacles so that our documentation can be accessible to all of our customers. For more information, visit the Oracle Accessibility Program Web site at

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TTY Access to Oracle Support Services

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, seven days a week. For TTY support, call 800.446.2398.

Related Documents

For more information, see the following documents in the Oracle Collaboration Suite 10g Release 1 (10.1.2):

- *Oracle Collaboration Suite Release Notes for Solaris Operating System*
- *Oracle Collaboration Suite Release Notes for Microsoft Windows*
- *Oracle Collaboration Suite Release Notes for Linux*
- *Oracle Collaboration Suite Release Notes for hp-ux*
- *Oracle Collaboration Suite Release Notes for AIX Based Systems*
- *Oracle Collaboration Suite Deployment Guide*
- *Oracle Collaboration Suite Installation Guide for Microsoft Windows*
- *Oracle Collaboration Suite Installation Guide for Solaris Operating System*
- *Oracle Collaboration Suite Installation Guide for Linux*
- *Oracle Collaboration Suite Installation Guide for hp-ux*
- *Oracle Collaboration Suite Installation Guide for AIX Based Systems*
- *Oracle Collaboration Suite Administrator's Guide*
- *Oracle Collaboration Suite Oracle Voicemail & Fax and Oracle Web Conferencing Conversion Servers Installation and Upgrade Guide for Microsoft Windows*
- *Oracle Collaboration Suite Migration and Coexistence Guide*

Conventions

The following text conventions are used in this document:

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

Oracle Collaboration Suite 10g Certification

Note: Oracle is continually testing and certifying its products. The Oracle Collaboration Suite 10g Certification document will be updated as new certifications are completed.

Oracle Collaboration Suite 10g is certified for a wide range of operating systems, devices, and languages. The following areas are covered in this document:

- [Operating Systems](#) on page 1-2
- [Oracle Collaboration Suite](#) on page 1-2
- [Oracle Collaboration Suite Database](#) on page 1-3
- [Server Support](#) on page 1-3
- [Oracle Collaboration Suite Client Applications](#) on page 1-4
- [Oracle Voicemail & Fax](#) on page 1-11
- [Web Browsers](#) on page 1-12
- [Globalization](#) on page 1-13
- [Oracle Enterprise Manager](#) on page 1-15
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- [Oracle Collaboration Suite Migration Tools](#) on page 1-18
- [Development Tools](#) on page 1-20

1.1 Configurations

Following are the main configurations of the Oracle Collaboration Suite:

- **Single-computer**—The single-computer deployment is the simplest Oracle Collaboration Suite deployment configuration. In this configuration, both the Infrastructure tier—composed of the Oracle 10g Database—and Applications tier are stored on the same computer with a platform certified with both Oracle Collaboration Suite and Oracle Database Server.
- **Distributed single-platform**—The distributed single-platform configuration places the Applications tier and the Infrastructure tier on different computers, each running the same platform. For example, you can run the Applications tier and the Infrastructure tier on separate UNIX computers, each running the same certified

operating system from the list of certified operating systems in [Section 1.3, "Oracle Collaboration Suite"](#).

- **Distributed multiple-platform**—The distributed multiple-platform configuration places the Applications tier and the Infrastructure tier on different computers running different operating systems. For example, you can run the Applications tier on a platform certified with Oracle Collaboration Suite ([Section 1.3, "Oracle Collaboration Suite"](#)) and the Infrastructure tier on a separate platform certified with Oracle Database Server (see [Section 1.4, "Oracle Collaboration Suite Database"](#)).

1.2 Operating Systems

Oracle does not support any of its products that are installed on a developer's release of an operating system.

1.3 Oracle Collaboration Suite

Oracle Collaboration Suite 10.1.2 is certified on the following platforms for a single-box configuration or a distributed, single-operating-system configuration ([Table 1-1](#)).

Table 1-1 Oracle Collaboration Suite 10.1.2.x on a Single Operating System

Operating System	Oracle Database Server Version	Oracle Application Server Version	Additional Information
Solaris 9	10.2.x.x 64-bit	10.1.2.0.2	1
Solaris 8	10.2.x.x 64-bit	10.1.2.0.2	1
Solaris 10	10.2.x.x 64-bit	10.1.2.0.2	1
Solaris 9	10.1.x.x 64-bit	10.1.2.0.2	1 2
Solaris 8	10.1.x.x 64-bit	10.1.2.0.2	1 2
Solaris 10	10.1.x.x 64-bit	10.1.2.0.2	1 2
Linux (x86) SLES-9	10.2.x.x 32-bit	10.1.2.0.2	1 3
Linux (x86) Red Hat Enterprise AS/ES 4	10.2.x.x 32-bit	10.1.2.0.2	1 3
Linux (x86) Red Hat Enterprise AS/ES 3	10.2.x.x 32-bit	10.1.2.0.2	1 3
Linux (x86) SLES-9	10.1.x.x 32-bit	10.1.2.0.2	1 2 3
Linux (x86) SLES-8	10.1.x.x 32-bit	10.1.2.0.2	1 2 3
Linux (x86) Red Hat Enterprise AS/ES 4	10.1.x.x 32-bit	10.1.2.0.2	1 2 3
Linux (x86) Red Hat Enterprise AS/ES 3	10.1.x.x 32-bit	10.1.2.0.2	1 2 3
HP-UX PA-RISC 11i v2 (11.23)	10.2.x.x 64-bit	10.1.2.0.2	1
HP-UX PA-RISC 11i v1 (11.11)	10.2.x.x 64-bit	10.1.2.0.2	1
HP-UX PA-RISC 11i v2 (11.23)	10.1.x.x 64-bit	10.1.2.0.2	1 2
HP-UX PA-RISC 11i v1 (11.11)	10.1.x.x 64-bit	10.1.2.0.2	1 2

Table 1–1 (Cont.) Oracle Collaboration Suite 10.1.2.x on a Single Operating System

Operating System	Oracle Database Server Version	Oracle Application Server Version	Additional Information
IBM AIX 5L	10.2.x.x 64-bit	10.1.2.0.2	1
IBM AIX 5L	10.1.x.x 64-bit	10.1.2.0.2	1 2

¹ Oracle Database 10.x customers must review the *Oracle Collaboration Suite Release Notes* for any restrictions.

² Oracle Database must be patched to version 10.1.0.4.2 or higher.

³ Linux x86, on Intel or AMD processor chips that adhere to the x86 architecture, is supported.

1.4 Oracle Collaboration Suite Database

Note: Please note that the Oracle Collaboration Suite Database is completely separate from the Oracle Content Database. The Oracle Content Database belongs to a different product line.

In a split configuration, the following versions of Oracle Collaboration Suite Database are certified ([Table 1–2](#)).

Table 1–2 Oracle Collaboration Suite 10.1.2.0.0 on a Split Configuration Database Tier

Operating System	Oracle Database Server Version	Additional Information
IBM Linux on POWER SLES-9	10.2.x.x 64-bit	1 2
IBM Linux on POWER Red Hat Enterprise AS/ES 4	10.2.x.x 64-bit	1 2
IBM Linux on zSeries	10.2.x.x 64-bit	1 2
Linux Itanium SLES-9	10.2.x.x 64-bit	2
Linux Itanium Red Hat Enterprise AS/ES 4	10.2.x.x 64-bit	2
Linux Itanium Red Hat Enterprise AS/ES 3	10.2.x.x 64-bit	2
Linux x86-64 (AMD64/EM64T) SLES-9	10.2.x.x 64-bit	2
Linux x86-64 (AMD64/EM64T) Red Hat Enterprise AS/ES 4	10.2.x.x 64-bit	2
Linux x86-64 (AMD64/EM64T) Red Hat Enterprise AS/ES 3	10.2.x.x 64-bit	2
HP-UX Itanium 11i v2 (11.23)	10.2.x.x 64-bit	2
Solaris 10 (x86-64)	10.2.x.x 64-bit	2 3

¹ Verity Filters are not available on this platform. As a result, Oracle Content Services and some Search functionality are not certified on this platform.

² Oracle Database 10.x customers must review the *Oracle Database Release Notes* for any restrictions.

³ Verity Filters are not available on this platform. As a result, some Search functionality is not certified on this platform.

1.5 Server Support

This section includes information about support for the following:

- [Oracle Real-Time Collaboration Servers](#)
- [Oracle Calendar](#)

1.5.1 Oracle Real-Time Collaboration Servers

The Voice Proxy Server and Document Conversion Server must be installed on Microsoft Windows.

1.5.2 Oracle Calendar

In a stand-alone installation, Oracle Calendar supports the following LDAP servers:

- Sun One Directory server
- Open LDAP directory server

1.6 Oracle Collaboration Suite Client Applications

This sections includes information about certifications for Oracle Collaboration Suite client applications as well as certifications for Oracle Collaboration Suite components working with client applications as follows:

- [Oracle Calendar Desktop Client](#)
- [Oracle Calendar Sync](#)
- [Oracle Connector for Outlook](#)
- [Oracle Mobile Data Sync](#)
- [Oracle Mobile Push Mail](#)
- [Oracle Mobile Browser](#)
- [Oracle Text Access](#)
- [Oracle Voice Access](#)
- [Oracle Content Services](#)
- [Oracle Collaboration Suite Applications Tier](#)
- [Oracle Drive](#)

1.6.1 Oracle Calendar Desktop Client

The Oracle Calendar Desktop client is supported on the following platforms:

- Microsoft Windows 2000
- Microsoft Windows XP
- Macintosh OS X 10.1.5 to 10.4
- Red Hat Linux 9 or higher
- SuSE Linux 9 or higher
- Linux x86 with kernel 2.4.9 or higher
- Sun SPARC Solaris 8 or 9

1.6.2 Oracle Calendar Sync

Oracle Calendar Sync is supported on the Palm and Pocket PC operating systems.

1.6.2.1 Palm Operating System

Oracle Calendar Sync is certified on the following mobile devices using the Palm operating system (Table 1–3). Oracle Calendar Sync should work on any Palm-compliant device.

Table 1–3 PDAs Certified for Oracle Calendar Sync for the Palm Operating System

Oracle Calendar Sync Platform	Mobile Device Model	Mobile Device Operating System
Microsoft Windows 2000, Microsoft Windows XP	Tungsten T	Palm 5.0 or higher
	Tungsten T3	Palm 5.2.1 or higher
	Tungsten T5	Palm 5.4 or higher
	Treo 600	Palm 4.5 or higher
	Treo 650	Palm 5.4.5 or higher
	Sony Clie PEG-TG50C	Palm 5.0 or higher
	Zire 72	Palm 5.2.8 or higher
Macintosh X 10.2.x to 10.4.1 ¹	Tungsten T	Palm 5.0 or higher
	Tungsten T3	Palm 5.2.1 or higher
	Treo 600	Palm 4.5 or higher
	Sony Clie PEG-TG50C	Palm 5.0 or higher
	Zire 72	Palm 5.2.8 or higher
	Handspring Visor	Palm 3.1 or higher

¹ Treo 650 with Palm 5.4.8 or higher is known to work, though it is not certified.

1.6.2.2 Pocket PC Operating System

Oracle Calendar Sync is certified on the following devices using the Pocket PC operating system (Table 1–4). Oracle Calendar Sync should work on any Pocket PC compliant device.

Table 1–4 PDAs Certified for Oracle Calendar Sync for Pocket PC

Oracle Calendar Sync Platform	Mobile Device Model	Mobile Device Operating System
Microsoft Windows 2000, Microsoft Windows XP	Dell Axim X50	Microsoft Windows Mobile 2003 – Second Edition
	HP iPAQ H1910	Pocket PC 2002
	HP iPAQ 3600	Pocket PC 2002
	HP iPAQ h550	Microsoft Windows Mobile 2003 – Premium Edition
	HP iPAQ h6300	Microsoft Windows – Phone Edition

1.6.3 Oracle Connector for Outlook

Oracle Connector for Outlook for Microsoft Outlook 2000, 2003, and XP is supported on the following platforms:

- Microsoft Windows NT 4.0
- Microsoft Windows 2000

- Microsoft Windows XP

Oracle Connector for Outlook is fully certified for Microsoft Outlook 2003 Service Pack 1. Customers using Microsoft Outlook 2003 should wait for further confirmation before upgrading to Microsoft Outlook 2003 Service Pack 2. There is a known problem with Service Pack 2.

1.6.4 Oracle Mobile Data Sync

Oracle Mobile Data Sync is supported on the following devices (Table 1–5). Although Oracle supports the OMA-DS standard, not all devices that comply with the OMA-DS standard will work with Oracle Mobile Data Sync. Oracle only supports those devices that are certified.

Refer to the following for images of the supported devices.

http://www.oracle.com/technology/products/cs/user_info/omobile_collaboration/html/mobile_data_sync_get_started.html

Table 1–5 Mobile Device Support for Oracle Mobile Data Sync

Model	Model Number
Sony Ericsson	K700i, K750i, P800, P900, P910a/P910i, S700i/S710a, T68i, T610/T616, T630/T637, Z500, Z600, Z800i
Ericsson	T39m, T68
Nokia	3650, 6020, 6021, 6230i, 6260, 6600, 6620, 6630, 6680, 6800, 6810, 6820, 6822, 7250, 7260, 7270, 7610, 7650, 9200 series, 9300, 9500
Siemens	C65, CX65, M55, S55, S65 and S66, SX1
Palm OS	Any Palm OS-based device (for example, Palm, Treo, Sony, Clie) that meets the following requirements should function properly with Mobile Data Sync: <ul style="list-style-type: none"> ■ Requires wireless Internet connection capability. ■ Supports Palm OS 3.5 and later with 4MB of RAM. ■ Requires installation of the appropriate Synthesis SyncML client, available from http://www.synthesis.ch/. You can use a 30-day trial version to test the software, and later purchase a permanent license on Synthesis SyncML Client Standard.
PocketPC	Any Pocket PC device that meets the following requirements should function properly with Mobile Data Sync: <ul style="list-style-type: none"> ■ Requires Internet connection (via cradle, modem, or mobile phone.) You do not need a wireless-enabled Pocket PC device. ■ Synthesis supports only Pocket PC 2002 and Pocket PC 2003 devices. ■ Requires installation of the appropriate Synthesis SyncML client, available from http://www.synthesis.ch/. You can use a 30-day trial version to test the software, and later purchase a permanent license on Synthesis SyncML Client Standard.

Table 1–5 (Cont.) Mobile Device Support for Oracle Mobile Data Sync

Model	Model Number
Smartphone 2003	<p>Any Smartphone 2003 device that meets the following requirements should function properly with Mobile Data Sync:</p> <ul style="list-style-type: none"> ■ Requires Internet connection (via cradle, modem, or mobile phone). ■ Requires installation of the appropriate Synthesis SyncML client, available from http://www.synthesis.ch/. You can use a 30-day trial version to test the software, and later purchase a permanent license on Synthesis SyncML Client Standard.

Language Support

Oracle Mobile Data Sync supports any languages that are supported on the device.

1.6.5 Oracle Mobile Push Mail

Oracle Mobile Push Mail is supported on any Pocket PC device that supports the Windows Mobile for Pocket PC Phone Edition 2003 operating system.

Oracle Mobile Push Mail supports the ten languages that are available on the Windows Mobile 2003 operating system:

- Chinese (Simplified)
- Chinese (Traditional)
- English
- French
- German
- Italian
- Japanese
- Korean
- Portuguese (Brazilian)
- Spanish

1.6.6 Oracle Mobile Browser

Oracle Mobile Browser is supported on any device that supports a wireless browser and supports all languages.

1.6.7 Oracle Text Access

Oracle Text Access is supported on any phone with text messaging capabilities. It is supported in English only.

1.6.8 Oracle Voice Access

Oracle Voice Access is supported on any mobile or landline phones in United States English only.

1.6.9 Oracle Content Services

Oracle Content Services is certified with the following client applications:

- [FTP and FTPS](#)
- [Microsoft Web Folders Access](#)
- [Antivirus Scan Engine](#)

1.6.9.1 FTP and FTPS

The following clients are certified for FTP and FTPS access. The certified access methods for FTPS appear in parentheses.

- Cute FTP Pro 7 for Microsoft Windows (Implicit and Explicit)
- WS_FTP Pro 8.0+ for Microsoft Windows (Implicit)
- Transmit 3.2 for Macintosh (Implicit and Explicit)

Note: For explicit FTPS access, only Auth -TSL is supported. Auth -SSL is not supported.

1.6.9.2 Microsoft Web Folders Access

Oracle Content Services 10.1.2.x can be accessed through WebDAV on Microsoft Windows and Macintosh.

1.6.9.2.1 WebDAV on Microsoft Windows Oracle Content Services is certified only with MSDAIPP.DLL version 11.0.6715.15. You can download the DLL from the following location:

<http://www.microsoft.com/downloads/details.aspx?FamilyId=17C36612-632E-4C04-9382-987622ED1D64&displaylang=en>

This patch corrects many known Microsoft Web Folders bugs.

The following applications are certified on Microsoft Windows XP Professional Service Pack 2:

- Microsoft Office XP Service Pack 2
 - Microsoft Word 2002
 - Microsoft Excel 2002
 - Microsoft PowerPoint 2002
 - Microsoft FrontPage 2002
 - Microsoft Visio 2002
 - Microsoft Project 2002
- Microsoft Office 2000 Service Pack 1
 - Microsoft Word 2000
 - Microsoft Excel 2000
 - Microsoft PowerPoint 2000
 - Microsoft FrontPage 2000
 - Microsoft Visio 2000

- Microsoft Project 2000
- Microsoft Office 2003
 - Microsoft Word 2003
 - Microsoft Excel 2003
 - Microsoft PowerPoint 2003
 - Microsoft FrontPage 2003
 - Microsoft Visio 2003
 - Microsoft Project 2003
- Adobe Acrobat 5.0
- Adobe Acrobat 6.0

The following applications are certified on Microsoft Windows 2000 Professional Service Pack 4:

- Microsoft Office XP Service Pack 2
 - Microsoft Word 2002
 - Microsoft Excel 2002
 - Microsoft PowerPoint 2002
 - Microsoft FrontPage 2002
 - Microsoft Visio 2002
 - Microsoft Project 2002
- Microsoft Office 2000 Service Pack 1
 - Microsoft Word 2000
 - Microsoft Excel 2000
 - Microsoft PowerPoint 2000
 - Microsoft FrontPage 2000
 - Microsoft Visio 2000
 - Microsoft Project 2000
- Adobe Acrobat 5.0

1.6.9.2.2 WebDAV on Macintosh WebDAV is supported on Mac OS X.3 (10.3) with Microsoft Office 2004.

1.6.9.2.3 WebDAV on Other Platforms WebDAV access from platforms other than Microsoft Windows or Macintosh is not supported.

1.6.9.3 Antivirus Scan Engine

Oracle Content Services 10.1.2.x is certified with Symantec Antivirus Scan Engine versions 4.3.0.15, 5.0, and 5.1.

1.6.9.4 Retention Hardware for Records Management

Oracle Content Services is certified with the following retention hardware for records management:

- Network Appliance SnapLock (ONTAP 7.1) and ONTAP API (manageontap.jar) 1.5, certified with Oracle Content Services 10.1.2.1.0 or later
- EMC Centera SDK 3.1, certified with Oracle Content Services 10.1.2.2.0 or later

1.6.10 Oracle Collaboration Suite Applications Tier

Oracle Collaboration Suite 10.1.2.x applications in the Applications tier are certified with Symantec Antivirus Scan Engine versions 4.3.0.15 and 5.0.

1.6.11 Oracle Drive

Oracle Drive 10.1.2.x is certified for use with Oracle Content Services 10.1.2.x. The following sections describes the software certified for use with Oracle Drive.

1.6.11.1 Server Certifications

Oracle Drive version 10.1.2.x is certified with the following servers:

- Oracle Content Services 10.1.2.x
- Oracle Files 9.0.4.x
- Oracle CM SDK 9.0.4.2.x

1.6.11.2 Client Certifications

The following client software has been tested and certified for Oracle Drive. Later service packs and minor version numbers for operating systems and applications are supported, but not certified.

- Microsoft Windows 2000 Professional Service Pack 4 with Internet Explorer 6.0 and above (required for the Advanced Properties dialog).
- Microsoft Windows XP Professional Service Pack 2 with Internet Explorer 6.0 and above (required for the Advanced Properties dialog).

The following applications are certified on the certified operating systems:

- Microsoft Office 2000 Service Pack 1, including the following applications:
 - Microsoft Word 2000
 - Microsoft Excel 2000
 - Microsoft PowerPoint 2000
 - Microsoft FrontPage 2000
- Microsoft Office XP Service Pack 2, including the following applications:
 - Microsoft Word 2002
 - Microsoft Excel 2002
 - Microsoft PowerPoint 2002
 - Microsoft FrontPage 2002
 - Microsoft Project 2002
 - Microsoft Visio 2002
- Microsoft Office 2003, including the following applications:
 - Microsoft Word 2003

- Microsoft Excel 2003
- Microsoft PowerPoint 2003
- Microsoft Windows Notepad 5.0
- Adobe Acrobat 6.0
- Microsoft Paint 5.0
- WinZip 8.1
- Macromedia Dreamweaver 7.0.1

Oracle Drive is not certified to run as a client application on any type of virtual platform or virtual session environment, such as Citrix, WinFrame, Windows NT Terminal Server, or Windows 2000 Terminal Services.

Oracle Drive is available in many languages. See [Table 1–10](#) for the complete list of supported languages.

1.7 Oracle Voicemail & Fax

This sections describes certification of the following:

- [PBX Certification](#)
- [Oracle Voicemail & Fax Applications Tier](#)

1.7.1 PBX Certification

The following PBXes are certified with Oracle Voicemail & Fax 10.1.2.x ([Table 1–6](#)). In addition, most PBXes using analog or inband integration are supported if the PBX supports setting the message waiting indicator through DTMF.

Table 1–6 PBXes Certified with Oracle Voicemail & Fax 10.1.2.x

Manufacturer	Model	Integration Method	Supported CT Media Version
Siemens	8004 VSCBX/M Dump 19	D/82JCTU	NetMerge CCS ¹ 30 SP1
	9751Mod 10/9005.2.78	D/82JCTU	NetMerge CCS 30 SP1
	9571Mod 30/9006.3	D/82JCTU	NetMerge CCS 30 SP1
	Hicom 300E/9006.3	D/82JCTU	NetMerge CCS 30 SP1
	Hicom 150E Office Pro (HE500M.04.020)	D/82JCTU	NetMerge CCS 30 SP1
	Realitis	SMDI / Analog Lineside t1	NetMerge CCS 30 SP1
	EWSD	SMDI /T1 PRI	NetMerge CCS 30 SP1
Lucent	System 75/R1V3	D/82JCTU	NetMerge CCS 30 SP1
Avaya	Definity G3/R3V4 and higher	D/82JCTU	NetMerge CCS 30 SP1
Lucent/Avaya	5ESS	SMDI / Analog Lineside t1	NetMerge CCS 30 SP1
Nortel	Meridian SI-1 Generic 11 Rel 17	D/82JCTU	NetMerge CCS 30 SP1
	Meridian SI-1 Generic 11 Rel 22	D/82JCTU	NetMerge CCS 30 SP1
	Meridian 11	D/82JCTU	NetMerge CCS 30 SP1
	Meridian 21A	D/82JCTU	NetMerge CCS 30 SP1
	Meridian 51	D/82JCTU	NetMerge CCS 30 SP1

Table 1–6 (Cont.) PBXes Certified with Oracle Voicemail & Fax 10.1.2.x

Manufacturer	Model	Integration Method	Supported CT Media Version
Mitel	Meridian 61	D/82JCTU	NetMerge CCS 30 SP1
	Meridian 71	D/82JCTU	NetMerge CCS 30 SP1
	Norstar	D/82JCTU	NetMerge CCS 30 SP1
	SL100	SMDI / Lineside T1	NetMerge CCS 30 SP1
	SL100	SMDI / Analog	NetMerge CCS 30 SP1
	DMS 100	SMDI / Analog / Lineside t1	NetMerge CCS 30 SP1
	SX-50	D/82JCTU	NetMerge CCS 30 SP1
	SX-200Light/Lightware 15	D/82JCTU	NetMerge CCS 30 SP1
	SX2000/Lightware 30	D/82JCTU	NetMerge CCS 30 SP1
Alcatel	Omni PCX 4400 version 3.2.712.5	SMDI	NetMerge CCS 30 SP1
Siemens (Rolm)	CBX 9751	D/82JCTU	NetMerge CCS 30 SP1
Cisco	Call Manager	D/82JCTU	NetMerge CCS 30 SP1
Fujitsu	9600	SMDI / Analog / Lineside t1	NetMerge CCS 30 SP1
Toshiba	DK280	SMDI / Analog / Lineside t1	NetMerge CCS 30 SP1
Ericsson	MD 110	SMDI / Analog / Lineside t1	NetMerge CCS 30 SP1
NEC	NEAX 2400 IPX	SMDI / Analog / Lineside t1	NetMerge CCS 30 SP1
	NEAX 2000 IPX	SMDI / Analog / Lineside t1	NetMerge CCS 30 SP1

¹ The complete name of the software is Intel NetMerge Converged Communications Software (CCS).

1.7.2 Oracle Voicemail & Fax Applications Tier

Oracle Voicemail & Fax must be installed on Microsoft Windows 2000 or 2003.

1.8 Web Browsers

The following Web Browsers are certified for Oracle Collaboration Suite Web client applications. (Table 1–7).

Table 1–7 Web Browsers Certified for Oracle Collaboration Suite 10g Web Clients

Oracle Collaboration Suite 10g Component	Internet Explorer 6.0	Netscape 7.1 and above	Internet Explorer 5.2.3 and above on Macintosh OS X	Firefox on Windows ¹	Safari 1.2 and above on Macintosh OS X	Mozilla 1.7.3
Oracle Calendar Web Client	Yes	Yes	Yes	Yes	Yes	Yes
Oracle Content Services	Yes			Yes ²		Yes
Oracle Discussions	Yes	Yes	Yes ³	Yes	Yes ³	Yes
Oracle Web Access Client	Yes			Yes		Yes
Oracle Web Conferencing	Yes	Yes		Yes		Yes
Oracle Workspaces Web Client	Yes	Yes	Yes ³	Yes	Yes ³	Yes
Oracle WebMail	Yes	Yes	Yes	Yes		

¹ Firefox 1.0.3 and later 1.0.x versions are supported on Windows only.

² Oracle Content Services is certified to work with Firefox 1.0.5 and later. It is not certified with Firefox 1.5 and above.

³ Oracle Workspaces and Oracle Discussions provide a rich-text editor that is unavailable on Safari or Internet Explorer on the Macintosh OS X platform. The workaround is to set the posting method for the forum and so on to plain text, by default; or use Firefox on the Macintosh OS X platform.

1.9 Globalization

This section covers the following topics:

- [Character Set Support](#)
- [Language Support](#)

1.9.1 Character Set Support

The following tables describe the character set support for the following client applications:

- Oracle Web Access Client ([Table 1–8](#))
- Oracle Content Services ([Table 1–9](#))

Table 1–8 Character Set Support for Oracle Web Access Client

Language	Character Sets
All languages	UTF-8
Arabic	ISO 8859-6, Windows 1256
Central European	ISO 8859-2, Windows 1250
Chinese, Simplified	GBK, GB18030
Chinese, Traditional	Big5, Big5-HKSCS
Cyrillic	ISO 8859-5, KOI8-R, Windows 1251
Greek	ISO 8859-7, Windows 1253
Hebrew	ISO 8859-8-I, Windows 1255
Japanese	ISO 2022-JP, EUC-JP, Shift-JIS
Korean	EUC-KR, ISO 2022-KR
Thai	TIS-620
Turkish	ISO 8859-9, Windows 1254
Vietnamese	Windows 1258
Western European	ISO 8859-1, ISO 8859-15, Windows 1252

Table 1–9 Supported Character Sets for Oracle Content Services

Languages	Character Sets
All languages	UTF8, UTF-16BE, UTF-16LE
Arabic	ISO 8859-6, Windows 1256
Baltic	ISO 8859-4, Windows 1257
Central European	IBM 852, ISO 8859-2, Windows 1250
Chinese	ISO 2022-CN
Chinese, Simplified	GB 2312, GB 18030, GBK
Vietnamese	Windows 1258

Table 1–9 (Cont.) Supported Character Sets for Oracle Content Services

Languages	Character Sets
Western Europe	IBM 850, ISO 8859-1, Windows 1252

1.9.2 Language Support

The Oracle Collaboration Suite 10g components are supported in the following languages ([Table 1–10](#)).

Table 1–10 Language Support for Oracle Collaboration Suite 10g Components

Component Name	Arabic	Chinese (Simplified)	Chinese (Traditional)	Czech	Danish	Dutch	English (United States)	English (United Kingdom)	Finnish	French	French (Canadian)	German	Greek	Hungarian	Italian	Japanese	Korean	Latin	Norwegian	Polish	Portuguese	Portuguese (Brazilian)	Romanian	Russian	Spanish	Spanish (Latin American)	Turkish
Oracle Email Server	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Oracle Web Access Client	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Oracle WebMail	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Oracle Voicemail prompts	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Oracle Calendar Desktop Client (Microsoft Windows)	N	N	N	N	N	N	Y	—	N	Y	N	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	
Oracle Calendar Desktop Client (Macintosh)	N	N	N	N	N	N	Y	—	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Oracle Calendar Desktop Client (Linux and Solaris)	N	N	N	N	N	N	Y	—	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
Oracle Calendar Server	N	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Oracle Calendar Web Client	N	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Oracle Calendar Sync Server	N	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Oracle Calendar Sync (Microsoft Windows)	N	Y	Y	N	N	N	Y		N	Y	Y	Y	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	
Oracle Connector for Outlook	N	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Oracle Mobile Access	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Oracle Voice Access	N	N	N	N	N	N	Y	Y	Y	Y	N	Y	N	N	N	Y	N	N	N	N	Y	Y	N	N	Y	N	
Oracle Collaboration Suite Search	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Oracle Real-Time Collaboration Web Client	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Oracle Workspaces	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	

Table 1–10 (Cont.) Language Support for Oracle Collaboration Suite 10g Components

Component Name	Arabic	Chinese (Simplified)	Chinese (Traditional)	Czech	Danish	Dutch	English (United States)	English (United Kingdom)	Finnish	French	French (Canadian)	German	Greek	Hungarian	Italian	Japanese	Korean	Latin	Norwegian	Polish	Portuguese	Portuguese (Brazilian)	Romanian	Russian	Spanish	Spanish (Latin American)	Turkish
Oracle Content Services Web Client	Y ¹	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Oracle Drive	Y	Y	Y	Y	Y	Y	Y	—	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Oracle Discussions Web Client																											

¹ Content Services supports Arabic only with the accessibility user interface.

Installation and administration of Oracle Collaboration Suite 10g is supported in the following languages ([Table 1–11](#)).

Table 1–11 Oracle Collaboration Suite 10g Installation and Administration Language Support

Component Name	Chinese (Simplified)	Chinese (Traditional)	English (United States)	French	German	Italian	Japanese	Korean	Portuguese (Brazilian)	Spanish
Oracle Collaboration Suite Installation User Interface	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Oracle Email Administration	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Oracle Voicemail Administration	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Oracle Collaboration Suite Search Administration	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Oracle Calendar Server Administration	N	N	Y	N	N	N	N	N	N	N
Oracle Content Services Administration	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Oracle Mobile Access Administration	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Oracle Real-Time Collaboration Administration	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Oracle Workspaces Administration	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Oracle Discussions Administration	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Oracle Collaboration Suite 10g cannot be installed to Turkish or Swiss German locales.

1.10 Oracle Enterprise Manager

Oracle Collaboration Suite 10g can be monitored and managed using Oracle Enterprise Manager Grid Control 10.1.0.4 or later. Earlier versions of Enterprise Manager Grid Control do not support Oracle Collaboration Suite 10g targets.

When you upgrade from Oracle Collaboration Suite 9.0.4.x to Oracle Collaboration Suite 10g, Oracle recommends that you first upgrade Enterprise Manager Grid Control and any Enterprise Manager agents on each machine running Oracle Collaboration Suite 9.0.4.x before upgrading to Oracle Collaboration Suite 10g. There is no harm if you reverse the order in which you upgrade your systems, except that the upgraded Oracle Collaboration Suite 10g targets cannot be managed until the Enterprise Manager agents and Oracle Management System are upgraded.

1.10.1 Enterprise Manager 10.1.0.4

You can monitor and manage Oracle Collaboration Suite 10.1.1 and 10.1.2 using Enterprise Manager 10.1.0.4 and 10.2. The following are certified Enterprise Manager 10.1.0.4 targets ([Table 1–12](#)).

Table 1–12 Certified Managed Enterprise Manager 10.1.0.4 Targets

Enterprise Manager Target	Version
Oracle Database ^{1 2} and Listener	<p>The following versions of the Oracle Database and Listener are certified:</p> <ul style="list-style-type: none"> ■ 10.1.0.2 and higher ■ 10.2.0.1 and higher
RAC Database	<p>The following versions of the RAC Database are certified:</p> <ul style="list-style-type: none"> ■ 10.1.0.2 and higher ■ 10.2.0.1 and higher
Host	<p>The following platforms are supported for the Host computer:</p> <ul style="list-style-type: none"> ■ Microsoft Windows NT 4.0 SP6a ■ Microsoft Windows 2000 SP4 ■ Microsoft Windows XP Professional Edition ■ Microsoft Windows 2003 Standard Edition ■ Sun x86 Solaris 9 ■ Sun SPARC Solaris 8 and 9 ■ Linux (x86) Red Hat Enterprise AS/ES 2.1 and 3.0 ■ HP-UX (64-bit) PA-RISC 11i v1 (11.11) and 11i v2 (11.23) ■ IBM AIX (64-bit) 5.2 and 5.3³
Oracle Application Server	<p>The following versions of the Oracle Application Server are certified:</p> <ul style="list-style-type: none"> ■ 9.0.2.x⁴ ■ 9.0.3.x ■ 9.0.4.x ■ 10.1.2.x⁵
Management Services and Repository ⁶	10.1.0.4 – To be removed
Agent (includes Beacon)	10.1.0.2 and higher

¹ Oracle Database includes the single-instance Enterprise Edition, Standard Edition, and Personal Edition.

²Oracle certifies against the terminal or latest available version of a major Oracle Database release. Quality Assurance starts with the lower release version that is supported. For any later releases, Oracle tests the latest available version of a major release. While the versions between the lower supported release version and the latest available version are not tested, they are also supported by Oracle. Therefore, customers can also apply patches to bring their databases up to the certified versions. Enterprise Manager certifies the database targets currently supported by Server Technology. Oracle Database release 9.0.1.4 was de-supported in December 2003, and therefore, it is not a certified managed database target in Enterprise Manager 10g.

³ Oracle Database 10g for AIX 5L was built to fully exploit the pSeries hardware, which required a minimum supported operating system level of AIX 5L 5.2. The agent was built as part of Oracle Database 10g so it has the same operating system requirement as the Oracle Database. Therefore, AIX 5.1 is not supported.

⁴ This includes Oracle HTTP Server, OC4J, and Web Cache, Oracle Internet Directory, and Single Sign-On.

⁵ Enterprise Manager Grid Control 10.1.0.3.0 will not recognize, display, or monitor new performance metrics (for example, Oracle HTTP Server's mod_OC4J metrics) or new components (for example, Oracle BPEL Process Manager, Oracle Integration B2B, Oracle Integration InterConnect) that were introduced in Enterprise Manager 10.1.2.x.

⁶ Enterprise Manager Grid Control provides self-monitoring capabilities, and, therefore, Management Services and Repository 10.1.0.3 is listed as a managed target type in Grid Control. Regardless of which version of the Oracle Database is used for the repository, the repository itself is registered as version 10.1.0.3 in Grid Control. The embedded Oracle9i Database Release 1 (9.0.1.5), Enterprise Edition, is supported for Management Repository creation. Otherwise, you may only install the Management Repository into one of the following existing databases: Oracle 10g Database Release 1 (10.1.0.3 or higher within this release), Enterprise Edition; Oracle 10g Real Application Clusters Database Release 1 (10.1.0.3 or higher within this release); Oracle 9i Database Release 2 (9.2.0.4 or higher within this release), Enterprise Edition; Oracle 9i Real Application Clusters Database Release 2 (9.2.0.4 or higher within this release).

1.10.2 Enterprise Manager 10.2

The following are certified Enterprise Manager 10.2.0.1 targets ([Table 1–13](#)).

Table 1–13 Certified Managed Enterprise Manager 10.2.0.1 Targets

Enterprise Manager Target	Version
Oracle Database ^{1 2} and Listener	<p>The following versions of the Oracle Database and Listener are certified:</p> <ul style="list-style-type: none"> 10.1.0.4 and higher 10.2 <p>Target support is only supported on platforms where there is support for a 10.x agent.</p>
RAC Database	<p>The following versions of the RAC Database are certified:</p> <ul style="list-style-type: none"> 10.1.0.4 10.2
Host	<p>The following platforms are supported for the Host computer:</p> <ul style="list-style-type: none"> Sun SPARC Solaris 8, 9, and 10³ Linux (x86) (32-bit) Red Hat Enterprise AS/ES 3.0

Table 1–13 (Cont.) Certified Managed Enterprise Manager 10.2.0.1 Targets

Enterprise Manager Target	Version
Oracle Application Server	<p>The following versions of the Oracle Application Server are certified:</p> <ul style="list-style-type: none"> ■ 9.0.4.2 and higher ■ 10.1.2.0.0 (phase 1) ■ 10.1.2.0.1 (SEONE) ■ 10.1.2.0.2 (phase 2) ■ 10.1.2.1 patchset ■ 10.1.3 (standalone OC4j)
Oracle Collaboration Suite	<p>The following versions of Oracle Collaboration Suite are certified:</p> <ul style="list-style-type: none"> ■ 9.0.4.2 ■ 10.1.1 ■ 10.1.2
Management Services and Repository	10.2
Agent (includes Beacon)	<p>The following versions of the Agent are certified:</p> <ul style="list-style-type: none"> ■ 10.1.0.2 and higher ■ 10.2

¹ Oracle Database includes the single-instance Enterprise Edition, Standard Edition, and Personal Edition.

² Oracle certifies against the terminal or latest available version of a major Oracle Database release. Quality Assurance starts with the lower release version that is supported. For any later releases, Oracle tests the latest available version of a major release. While the versions between the lower supported release version and the latest available version are not tested, they are also supported by Oracle. Therefore, customers can also apply patches to bring their databases up to the certified versions. Enterprise Manager certifies the database targets currently supported by Server Technology. Oracle Database release 9.0.1.4 was de-supported in December 2003, and therefore, it is not a certified managed database target in Enterprise Manager 10g.

³ Oracle Management Agent can be run in a local container of Solaris 10, and it is a supported configuration.

1.11 Oracle Portal

Oracle Collaboration Suite 10.1.2 is certified with Oracle Portal 10.1.2.0.2.

1.12 Oracle Identity Management

Oracle Collaboration Suite 10.1.2 is certified with Oracle Identity Management 10.1.2.0.2.

1.13 Oracle Collaboration Suite Migration Tools

Oracle Collaboration Suite Migration Tools are certified to migrate data from certified sources to Oracle Mail 10.1.2.x and Oracle Calendar 10.1.2.x.

1.13.1 Migrating to Oracle Mail

Oracle Collaboration Suite Migration Tools is certified to migrate e-mail from the following source systems to Oracle Mail 10.1.2.x:

- Microsoft Exchange Server versions 5.0 and 5.5
- Microsoft Exchange Server 2000 and 2003
- Lotus Domino Server release 5
- Novell GroupWise 6.0
- Samsung Contact 7.1.0 (formerly known as HP OpenMail)
- Other IMAP4 rev1 compliant e-mail servers

Microsoft Windows 2000 Workstation is the certified migration workstation for Oracle Collaboration Suite Migration Tools. If you are migrating from a Microsoft Exchange Server, you must also install Microsoft Outlook 2000 and Microsoft Exchange Administration Client on the migration workstation.

[Table 1–14](#) lists the various source e-mail systems supported by Oracle Collaboration Suite Migration Tools and the migration tasks supported by each plug-in for the corresponding source e-mail systems.

Table 1–14 Source E-mail Systems and Migration Tasks Supported

Objects	MS Exchange 5.5	MS Exchange 2000	MS Exchange 2003	Lotus Domino	Novell GroupWise	Samsung Contact	OES 5.2
LDAP-Based User Provisioning	Yes	Yes	Yes	Yes	Yes	No	Yes
LDIF-Based User Provisioning	Yes	No	No	No	No	Yes	Yes
Public Aliases	No	No	No	No	Yes	Yes	Yes
Distribution Lists	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Address Books	No	No	No	No	No	No	Yes
IMAP-Based Data Migration	Yes	Yes	Yes	Yes	No	Yes	Yes
MBOX-Based Data Migration	Yes	Yes	Yes	Yes	Yes	Yes	No
Server-Side Rules	Yes	Yes	Yes	No	No	No	Yes
Shared Folders	Yes	Yes	Yes	No	Yes	No	Yes
Routing	Yes	Yes	Yes	Yes	No	Yes	Yes

1.13.2 Migrating to Oracle Calendar

Oracle Collaboration Suite Migration Tools is certified to migrate data from versions of Microsoft Exchange and MeetingMaker.

1.13.2.1 Microsoft Exchange

Oracle Collaboration Suite Migration Tools is certified to migrate data from the following source systems to Oracle Calendar 10.1.2.x: Microsoft Exchange 5.5, Microsoft Exchange 2000, and Microsoft Exchange 2003.

Microsoft Windows 2000 Workstation is the certified migration workstation for Oracle Collaboration Suite Migration Tools. You must also install Microsoft Outlook 2000 and Oracle Outlook Connector 9.0.4.2 on the migration workstation to migrate data from any of the Microsoft Exchange servers.

Migration of Microsoft Calendar, Journal, Contacts, Tasks, and Notes objects is supported.

1.13.2.2 MeetingMaker

Oracle Calendar is certified with the following MeetingMaker versions: 5.x, 6.x, 7.0, 7.0.1, 7.0.2, 7.1, 7.2, and 7.5.3. Migration of the following MeetingMaker objects is supported: Meetings, Banners, To Dos, Proxies, Activities, and User-defined Groups.

1.14 Development Tools

All SDK functions operate with UTF-8 encoded text only.

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