CA Clarity™ PPM

Release Notes

Service Pack 13.0.1

CA Technologies Product References

This documentation set references the following CA Technologies products:

- CA Asset Portfolio Manager (CA APM) (previously known as Unicenter Asset Portfolio Manager)
- CA Business Intelligence
- CA Service Desk Manager (previously known as Unicenter Service Desk)
- CA Software Change Manager (previously known as CA Harvest Change Manager)

Contact CA Technologies

Contact CA Support

For your convenience, CA Technologies provides one site where you can access the information you need for your Home Office, Small Business, and Enterprise CA Technologies products. At http://ca.com/support, you can access the following:

- Online and telephone contact information for technical assistance and customer services
- Information about user communities and forums
- Product and documentation downloads
- CA Support policies and guidelines
- Other helpful resources appropriate for your product

Providing Feedback About Product Documentation

If you have comments or questions about CA Technologies product documentation, you can send a message to techpubs@ca.com.

If you would like to provide feedback about CA Technologies product documentation, complete our short customer survey, which is available on the CA Support website at http://ca.com/docs.

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Chapter 1: Welcome

Welcome to CA Clarity PPM Service Pack 13.0.1.

This section contains the following topics:

What This Document Covers

This document provides information about enhanced features, documentation, and system requirements for CA Clarity PPM. Information about enhancements or changes in this service pack is available only in the release notes and not in the online help or the product documentation. This service pack provides a CA Technologies Bookshelf that you can access from the product. For more information about the bookshelf and product documentation, see Documentation (see page 15).

Note: At publication time, the product supports the operating systems and third-party software listed in this document. For assistance, contact CA Support at http://ca.com/support. For complete installation instructions, see the *Installation Guide*.

Training

For user training, CA Technologies offers the CA Productivity Accelerator (CA PA) solution. You can use this solution to create custom education materials and practice simulations and assessments. You can use the custom education materials in classroom training and online simulations. You can access the practice simulations and assessments from the Learn link on the User toolbar or from the Learning Management System (LMS). The CA PA provides standard content modules that you can upload into your CA PA editor and modify to reflect your product configuration. You can also integrate the processes and procedures that your organization uses into the CA PA solution.

CA Education offers these training solutions. To learn more about the training offerings and the CA PA, see http://ca.com/education.

International Support

An internationalized product is an English product that operates correctly on local language versions of the required operating system and required third-party products, and supports local language data for input and output. Internationalized products also support the ability to specify local language conventions for date, time, currency and number formats.

A translated product (sometimes referred to as a localized product) is an internationalized product that includes local language support for the user interface of the product, online help and other documentation, and local language default settings for date, time, currency, and number formats.

The product is fully localized and supports over 100 regional settings for date, time, and number formatting. The user interface is available in the following languages:

- Brazilian Portuguese
- Czech
- Danish
- Dutch
- English
- Finnish
- French
- German
- Hungarian
- Italian
- Japanese
- Norwegian
- Polish
- Russian
- Spanish
- Swedish
- Turkish

Localized versions of some CA Clarity PPM online help files and product documentation are available within 90 days of the product general availability.

The most recent versions of localized product documentation are available at http://ca.com/support.

Published Fixes

We recommend that you review the certification matrix for the product and the Solutions and Patches that Technical Support provides at http://ca.com/support. You can review the solutions and patches and any prerequisite published fixes that are required for the product release.

Known Issues

For information about known issues, visit CA Support Online and search using one of the following keywords:

- *clarity13open*

- *clarity1301resolved*

Any related articles and known issues appear.

Find Product Roadmap Information

The CA Clarity PPM Product Roadmap outlines general product direction and provides information that can help you plan and manage your CA Clarity PPM implementation. For example, the Product Roadmap provides you with the following information:

- Planned features and functionality

- Removed features and functionality

- Internationalization and localization

- Product direction

To find the CA Clarity PPM Product Roadmap

1. Open a browser and navigate to http://ca.com/support.

   The CA Support page appears.

2. Select CA Clarity Project & Portfolio Manager from the Product finder drop-down list.

   The CA Clarity Project & Portfolio Manager page appears.

3. Scroll to the Product Status section, and click the CA Technologies Project & Portfolio Management Product Roadmap link.

   If you are not already logged in, the CA Support login page appears.

4. Log in to CA Support.

   The CA Clarity PPM Product Roadmap appears.

Supported Upgrade Paths

Before you start the upgrade, we recommend that you read the Basic Upgrade Process section in the *Change Impact and Upgrade Guide*.

If you have any of the following releases installed, you can upgrade to CA Clarity PPM Service Pack 13.0.1:

- CA Clarity PPM Release 8.1 or Service Pack 8.1.x
- CA Clarity PPM Release 12.0 or Service Pack 12.0.x
- CA Clarity PPM Release 12.1.0 or Service Pack 12.1.1 or Service Pack 12.1.2
- CA Clarity PPM Release 13.0.00

Note: You cannot upgrade from CA Clarity PPM Service Pack 12.1.3 to CA Clarity PPM Service Pack 13.0.1.

Supported Add-ins and Connectors

The add-in and connector versions that CA Clarity PPM Service Pack 13.0.1 supports appear in the following tables:

Add-in

CA Clarity PPM Add-in	Compatible Version
Accelerator for New Product Development	2.0
Accelerator for PMBOK	2.0
Accelerator for PRINCE2	2.0
Business Relationship Manager Accelerator	3.0
Earned Value Manager	2.0
PPM Essentials Accelerator	2.0
PMO Accelerator	3.0

CA Product Connector

CA Product Connector	Compatible Version
Connector for CA Unicenter Asset Portfolio Management	2.0

CA Product Connector	Compatible Version
Connector for CA Unicenter® Service Desk & CA Software Change Manager for Distributed	2.0
Connector for Remedy (Service Connect)	2.0
Agile Vision Enterprise	Spring 2012
Product Vision	Spring 2012

CA Third-Party Connector

CA Connector	Compatible Version
Connector for Microsoft SharePoint 2010	2.0

Chapter 2: Enhanced Features

This section contains the following topics:

Exporting Reports

In previous releases of the product, when a Clarity report is shared with another Clarity user, the user viewing the shared report could only export the report as a PDF. In this release, the user viewing the shared report can also export the report to Excel. Hover on the Export link to display the options - Export to PDF and Export to Excel. You can export all the pages to PDF or Excel.

Chapter 3: Documentation

This section contains the following topics:

View the CA Technologies Bookshelf

The CA Technologies Bookshelf provides your product documentation set in Section 508-compliant HTML format, and a print version of each guide. The CA Technologies Bookshelf is installed automatically with the product and you can access it by clicking the Help link in the product.

You can download and extract the CA Technologies Bookshelf for your product (a ZIP file) from CA Support Online.

To extract the ZIP file and view the CA Technologies Bookshelf

1. Use an archive product such as WinZip.

2. Extract the content to a local folder.

3. Double-click the Bookshelf.hta file in the Bookshelf folder.

   Note: If you are viewing the bookshelf on your hard drive in an internet browser other than Microsoft Internet Explorer, you can simply open the Bookshelf.html file.

   The CA Technologies Bookshelf opens, and you can use it to view and search the product documentation.

Where to Find Documentation

You can access the product documentation in the following locations:

- Click the Help link in the product.

- The Doc directory on the installation media. Double-click Bookshelf.html.

- Technical Support at http://ca.com/support.

How to View and Search PDFs

To view PDF files, download and install the Adobe Reader from the Adobe website if it is not already installed on your computer.

If you open a PDF file in Adobe Reader in the CA Technologies Bookshelf and search, the individual PDF file is searched and you see the individual instances of the search term.

Chapter 4: Compatibilities

This section contains the following topics:

Compatibilities

This chapter contains operating environment information for this service pack, which is also available from the Compatibilities link on http://support.ca.com.

Many of the products listed in this chapter are not delivered with CA Clarity PPM, and you must purchase the product. For information about the software that is included with CA Clarity PPM, see Products Included with CA Clarity PPM (see page 22). Refer to your licensing agreement for more information.

CA Clarity PPM Servers

The following table shows supported platforms for servers running CA Clarity PPM server software (application and background servers).

	Oracle Solaris	Microsoft Windows	Hewlett-Packard HP-UX	Linux	IBM AIX
Operating System[1]		■ Windows 2008 Server (R2) 64-bit Standard Edition or Enterprise Edition		■ Red Hat Enterprise Linux 5 64-bit for x86 chipsets: any maintenance release ■ Red Hat Enterprise Linux 6 64-bit for x86 chipsets: any maintenance release ■ SUSE Linux Enterprise Server 10 64-bit for x86 chipsets: any maintenance release [1b] ■ SUSE Linux Enterprise Server 11 64-bit for x86 chipsets; any maintenance release [1b]	■ AIX 5.3: any maintenance release ■ AIX 6.1: any maintenance release
Upgrading Customers (Existing Installations Only)	Solaris 10 SPARC64 64-bit: any maintenance release [1a]	Windows 2003 Server 64-bit Standard Edition or Enterprise Edition up to SP2	HP-UX 11iv3 IA64: any maintenance release		
Virtualization	See the CA Support Statement for Virtualization. To find this document, log in to CA Support Online and navigate to the CA Clarity Product page.				

	Oracle Solaris	Microsoft Windows	Hewlett-Packard HP-UX	Linux	IBM AIX
Database[2]	Oracle 11.2 Standard and Enterprise Edition: Version 11.2.0.2 or higher patch level[2a] Microsoft SQL Server 2008 Enterprise Edition: Any Service Pack[2b] Microsoft SQL Server 2008 R2 Enterprise Edition: Any Service Pack[2b]				
Database Interface	CA Clarity PPM DataDirect Type 5 (v4.2) Drivers for Oracle and SQL Server (included in CA Clarity PPM distribution).				
Java Runtime	■ Sun J2SDK 1.6.0: version 1.6.0_20 or higher patch level (64-bit)	■ Sun J2SDK 1.6.0: version 1.6.0_20 or higher patch level (64-bit)	■ HP JDK 6: 6.0.05 or higher patch level (64-bit)	■ Sun J2SDK 1.6.0: version 1.6.0_20 or higher patch level (64-bit)	■ IBM Java 6 64-bit: SR6 or higher patch level (64-bit)
Application Server	■ Apache Tomcat 6.0.35 or higher patch level (64-bit) ■ Oracle WebLogic 10.3: Any service pack (64-bit) ■ IBM WebSphere 7.0.0.7 (64-bit)				
Report Server	CA Business Intelligence r3.2. See CA Business Intelligence r3.2 (see page 27) for more information.				
Mail Server	Any SMTP/IMAPI/POP3 mail server can be used. CA Clarity PPM does not explicitly support any one vendor.				

Notes:

■ [1]CA Clarity PPM is supported on any localized version of the supported operating systems.
[a] The Oracle UltraSPARC T2 and T3 processors are not supported. Solaris on x86 is also not supported.
[b] CA Clarity PPM on SUSE Linux connecting to a Microsoft SQL Server database is not currently supported.

■ [2]Databases can be run on any vendor-supported operating system.
[a] Oracle Real Application Cluster (RAC) is supported.
[b] SQL Server Named Instances is supported. SQL Server Clustering is supported with manual intervention after a database failure to restart failed background processes.

Integrated Servers

The following table shows supported software for servers integrating with CA Clarity PPM.

Single Sign On Server	CA SiteMinder 12.0 SP3
LDAP Server	Supports any LDAP v3 compliant directory server (such as CA Directory, Microsoft Active Directory, Novell eDirectory, Oracle Directory Server).
SharePoint Server	SharePoint Server 2010 (64-bit), Enterprise Edition

Clients

The following table shows supported software for client computers accessing CA Clarity PPM.

	Microsoft Windows	Apple Mac OS	Desktop Linux
Operating System	■ Microsoft Windows XP Professional: Service Pack 2 or higher ■ Microsoft Windows Vista, all editions ■ Windows 7, all editions, 32-bit and 64-bit	■ Mac OS X: Release 10.4 or higher patch level	■ Any vendor or version with support for browsers listed under Web Browser section.
Web Browser	■ Internet Explorer 8.0 and any v8 patch release ■ Internet Explorer 9.0 and any v9 patch release ■ Firefox 3.6 and higher patch level ■ Firefox 10.0 and higher patch level	■ Safari: Version 5.1.1 and higher patch level ■ Firefox 3.6 and higher patch level ■ Firefox 10.0 and higher patch level	■ Firefox 3.6 and higher patch level ■ Firefox 10.0 and higher patch level

	Microsoft Windows	Apple Mac OS	Desktop Linux
Client Applications[1]	■ Microsoft Excel 2007-2010 32-bit, all editions, or Microsoft Excel 2003 with 2007 compatibility pack ■ Microsoft PowerPoint 2007-2010 32-bit, all editions ■ Microsoft Project 2007-2010 32-bit, all editions ■ Java 6 Runtime Environment (required for Open Workbench, CA Clarity PPM Microsoft Project interface, and XOG Client): 1.6.0_15 or higher patch level ■ Adobe Flash Player (for viewing Xcelsius dashboards). Version 10 or higher. ■ Acrobat Reader 7.0 or higher (for reading CA Clarity PPM installation guides, technical manuals, user guides, and offline reports) ■ Crystal Reports 2008 Designer (required only for custom report development): SP3 or higher level	■ Microsoft Office Excel 2011 ■ Adobe Flash Player (for viewing Xcelsius dashboards). Version 10 or higher ■ Mac OS Preview PDF viewer (for reading CA Clarity PPM installation guides, technical manuals and user guides) ■ *No Microsoft Project support* ■ *No Open Workbench support* ■ *No Crystal Report Designer support*	■ Acrobat Reader 7.0 or higher (for reading CA Clarity PPM installation guides, technical manuals, user guides, and offline reports) ■ Adobe Flash Player (for viewing Xcelsius dashboards). Version 10 or higher ■ *No Excel Export support* ■ *No Microsoft Project support* ■ *No Open Workbench support* ■ *No Crystal Report Designer support*
Third-party SOAP Integration Toolkits	■ Microsoft Visual Studio 2005 (.NET Framework 2.0) ■ Apache AXIS 1.3	■ Apache AXIS 1.3	■ Apache AXIS 1.3

Notes:

- [1] Using multiple versions of third-party software concurrently are not supported as it can cause out-of-sync and compatibility issues. CA Technologies supports only versions of third-party software that the vendor supports.

Products Included with CA Clarity PPM

The following table includes third-party software that is licensed and delivered with CA Clarity PPM. All of the following software is included on the installation media.

Component	Notes
Java Runtime	The JDK installers for all supported operating systems.
Application Server	Apache Tomcat for all supported operating systems.
Client Applications	Xcelsius Designer 2008 SP3 Crystal Reports Designer 2008 SP3

Note:

- Oracle WebLogic and IBM WebSphere are not included with CA Clarity PPM. Acquire their licenses independent of CA Clarity PPM if you want to use either of these servers over Tomcat.

Change History

Changes in CA Clarity PPM Service Pack 13.0.1

Component	Description
Client Browser	■ Dropped support for Firefox 8.0. ■ Dropped support for Firefox 3.5. ■ Added support for Firefox 10.0. ■ Added support for Firefox 3.6.
Application Server	■ Dropped support for Tomcat 6.0.26. ■ Added support for Tomcat 6.0.35.

Changes in CA Clarity PPM Release 13.0.00

Component	Description
Server Operating System	■ CA provides support only for upgrading customers with pre-existing installations on Solaris and HP-UX. ■ Dropped 32-bit operating systems. ■ Added support for SUSE Enterprise Linux 11. ■ Added support for RHEL 6.0.
Server DB	■ Dropped support for Microsoft SQL Server 2005. ■ Added Microsoft SQL Server 2008 R2.
Server Java Runtime	■ Dropped 32-bit support.
Application Server	■ Dropped 32-bit support.
Report Server	■ Dropped support for Actuate. ■ Dropped support for CA Business Intelligence r3. ■ Added support for CA Business Intelligence r3.2.
Client Browser	■ Dropped support for IE6 and IE7. ■ Added support for Firefox 8.0. ■ Added support for IE 9.0. ■ Added support for Safari 5.1.1.
Client Applications	■ Dropped support for Microsoft Project 2000, 2002 and 2003. ■ Defined support for Crystal Reports Designer 2008 as SP3 or higher (instead of any service pack).
SharePoint Server	■ Dropped support for SharePoint Server 2007. ■ Added SharePoint Server 2010.

FIPS Operating Mode Restrictions

Not all CA Clarity PPM platforms support RSA BSAFE Crypto-J for FIPS 140-2 certification. The following table includes the compatible platforms and operating systems that RSA documents. While other platforms are likely to function correctly, CA Technologies cannot verify support for Crypto-J on any other than those platforms listed here.

Platform	Operating System	Number of Bits	Release
Microsoft Windows	2008 Server	64	Oracle JDK 1.6
Red Hat Linux	Advanced Server 6.0	64	Oracle JDK 1.6
IBM AIX	AIX 6.1	64	IBM Java 6 SR6 or higher (64-bit)

Notes:

- The file 'java.security' under '<JAVA_HOME>/jre/lib/security' lists all of the security providers with their preference order. CA Clarity PPM automatically places the Crypto-J provider above the location of SunJCE provider in the providers list. To use the Crypto-J provider with CA Clarity PPM, explicitly set the security provider entry in the first index position: security.provider.1=com.sun.crypto.provider.SunJCE. The index numbers for the other positions must be adjusted accordingly. Verify that the Sun SunJCE security provider is the first one.

- If you are using the IBM FIPS provider on AIX, do not make the changes described in the previous bullet. AIX uses the IBM FIPS provider for FIPS mode.

IPv6 Network Compatibility Restrictions

CA Clarity PPM is certified to operate in an IPv6 networking environment with restrictions. Other configurations of CA Clarity PPM using IPv6 may work but have not been certified. For mixed IPv6/IPv4 environments, it is assumed that the server instance uses two network interface cards, one configured for IPv6 and the other for IPv4.

Clarity Installations on a Microsoft Windows Configuration

Config-uration	App Server	OS for App Server	Database	OS for Database	Status
1	Apache Tomcat 6.0.26 (64-bit)	Windows 2008 R2	MSSQL 2008 R2	Windows 2008 R2	Certified in pure IPv6 and mixed mode.

Config-uration	App Server	OS for App Server	Database	OS for Database	Status
2	Apache Tomcat 6.0.26 (64-bit)	Windows 2008 R2	Oracle Enterprise Edition 11.2.0.2	Windows 2008 R2	Certified in pure IPv6 and mixed mode.
3	IBM Websphere 7.0.0.7 (64 bit)	Windows 2008 R2	Oracle Enterprise Edition 11.2.0.2	Windows 2008 R2	Certified in mixed mode.
4	Oracle WebLogic 10.3 (64-bit)	Windows 2008 R2	Oracle Enterprise Edition 11.2.0.2	Windows 2008 R2	Certified in pure IPv6 and mixed mode.

Mail Server on a Microsoft Windows Configuration

Config-uration	App Server	OS for App Server	Data-base	OS for Database	Mail Server	Status
5	Apache Tomcat 6.0.26 (64-bit)	Windows 2008 R2	Oracle Enterprise Edition 11.2.0.2	Windows 2008 R2	MIRAK[5] 10.3.1	Certified in pure IPv6 and mixed mode.

Business Objects Testing CABI 3.2 on a Microsoft Windows Configuration

Config-uration	App Server	OS for App Server	Data-base	OS for Database	BO	Status
6	Apache Tomcat 6.0.26 (64-bit)	Windows 2008 R2	MSSQL 2008 R2	Windows 2008 R2	CABI 3.2	Certified in pure IPv6 and mixed mode.
7	Apache Tomcat 6.0.26 (64-bit)	Windows 2008 R2	Oracle Enterprise Edition 11.2.0.2	Windows 2008 R2	CABI 3.2	Certified in pure IPv6 and mixed mode.

Upgrade from Release 12.1.1 to Release 13 on a Microsoft Windows Configuration

Config-uration	App Server	OS for App Server	Database	OS for Database	Status
8	Apache Tomcat 6.0.26 (64-bit)	Windows 2008 R2	MSSQL 2008 R2	Windows 2008 R2	Certified in mixed mode.
9	Apache Tomcat 6.0.26 (64-bit)	Windows 2008 R2	Oracle Enterprise Edition 11.2.0.2	Windows 2008 R2	Certified in mixed mode.

Installation on a Hybrid CA Clarity PPM Configuration with a different OS for APP and DB

Config-uration	App Server	OS for App Server	Database	OS for Database	Status
10	Apache Tomcat 6.0.26 (64-bit)	Windows 2008 R2	Oracle Enterprise Edition 11.2.0.2	RH6	Certified in pure IPv6 and mixed mode.
11	Oracle WebLogic 10.3 (64-bit)	Windows 2008 R2	Oracle Enterprise Edition 11.2.0.2	RH6	Certified in pure IPv6 and mixed mode.

Mail Server on a Hybrid CA Clarity PPM Configuration with a different OS for APP and DB

Config-uration	App Server	OS for App Server	Database	OS for Database	Mail Server	Status
12	Apache Tomcat 6.0.26 (64-bit)	Windows 2008 R2	Oracle Enterprise Edition 11.2.0.2	RH6	MIRAK[5] 10.3.1	Certified in mixed mode.

Business Objects Testing CABI 3.2 on a Hybrid CA Clarity PPM Configuration with a different OS for APP and DB

Config-uration	App Server	OS for App Server	Database	OS for Database	BO	Status
13	Apache Tomcat 6.0.26 (64-bit)	Windows 2008 R2	Oracle Enterprise Edition 11.2.0.2	RH6	CABI 3.2	Certified in mixed mode.

Upgrade from v12.1.1 to v13 on a Hybrid CA Clarity PPM Configuration with a different OS for APP and DB

Config-uration	App Server	OS for App Server	Database	OS for Database	Status
14	Apache Tomcat 6.0.26 (64-bit)	Windows 2008 R2	Oracle Enterprise Edition 11.2.0.2	RH6	Certified in mixed mode.

Note:

[5] MIRAK is an open source mail server that is used for testing purposes.

CA Business Intelligence Release 3.2 - (SAP BusinessObjects Enterprise XI 3.1 Service Pack 3) Supported Configurations

The following Business Objects configurations are supported for CA Clarity PPM. Additional information such as minimum CA Business Intelligence (CABI) Release 3.2 hardware requirements can be found in the CA Business Intelligence documentation. For information about virtualization support, see the following SAP document: *Business Objects Support Statement – VMWare ESX Server*.

The application servers listed in the following table indicate the minimum releases tested for CABI Release 3.2 in integration with CA Clarity PPM. Subsequent releases (indicated by the last number in the name) are supported, but are not necessarily tested in integration with CA Clarity PPM. The same applies to the application server JDKs.

Note: If there are network editions of any application servers listed in the following table, those network editions are not supported. Unless otherwise specified, only 32-bit versions of the application servers (with their underlying JDK) can be used.

Running CABI Release 3.2 has not been tested on a CA Clarity PPM system using a UNIX or Linux operating system and configured with SQL Server. In such cases, we recommend running CABI Release 3.2 on a separate Windows server.

Operating System	Server Version	Application Server / JDK	CMS & Audit Database Provider / Data Connector
Microsoft Windows	■ Windows Server 2003 SP2 Enterprise Edition (32-bit and 64-bit) ■ Windows Server 2003 R2 Enterprise Edition (32-bit and 64-bit) ■ Windows Server 2008 SP2 Standard Edition (32-bit and 64-bit) ■ Windows Server 2008 SP2 Enterprise Edition (32-bit and 64-bit) **Note:** Business Objects supports and recommends installation of all Microsoft critical patches for the operating systems listed. If utilizing Query as a WebService (QaaWs), .NET Framework 2.0 is required.	■ Tomcat 5.5/JDK 1.5.0_xx (OEM provided)	■ MS SQL Server 2008/MDAC 2.8 & SNAC (32-bit ODBC required) ■ Oracle 10.2/Oracle Net Client 10.2 (32-bit Oracle libraries required. Typically included in 64-bit client installer) ■ Oracle 11.1/Oracle Net Client 11.1 (32-bit Oracle libraries required. Typically included in 64-bit client installer)
Linux	■ Red Hat Enterprise Server 5 (64-bit)[6] ■ SUSE Enterprise Linux 10 (64-bit)	■ Tomcat 5.5/JDK 1.5.0_xx (OEM provided)	■ Oracle 10.2/Oracle Net client 10.2 (32-bit Oracle libraries required. Typically included in 64-bit client installer.) ■ Oracle 11.1/Oracle Net Client 11.1 (32-bit Oracle libraries required. Typically included in 64-bit client installer.)
Solaris	■ Solaris 10 (64-bit SPARC)[7]	■ Tomcat 5.5/JDK 1.5.0_xx (OEM provided)	■ Oracle 10.2/Oracle Net Client 10.2 (32-bit Oracle libraries required. Typically included in 64-bit client installer.) ■ Oracle 11.1/Oracle Net client 11.1 (32-bit Oracle libraries required. Typically included in 64-bit client installer.)

Operating System	Server Version	Application Server / JDK	CMS & Audit Database Provider / Data Connector
AIX	■ AIX 6.1 (64-bit)[8]	■ Tomcat 5.5/JDK 1.5.0_xx (OEM provided)	■ Oracle 10.2/Oracle Net Client 10.2 (32-bit Oracle libraries required. Typically included in 64-bit client installer.) ■ Oracle 11.1/Oracle Net client 11.1 (32-bit Oracle libraries required. Typically included in 64-bit client installer.)
HP-UX	Not supported.		

[6]Minimum patch requirements for Red Hat Enterprise Server 5: RHBA-2007:0619-3.

[7]Minimum patch requirements for Solaris 10: SUNWgzip; SUNWzlib; SUNWscpu; SUNWbash; SUNWbcp, SUNWxcu4 XCU4 Utilities; SUNWxwfnt; SUNWxwplt; SUNWlibC; SUNWeu8os - American English/UTF-8 L10N For OS Environment User Files; SUNWeuluf - UTF-8 L10N For Language Environment User Files; SUNWuiu8 - Iconv modules for UTF-8 Locale; SUNWulcf - UTF-8 Locale Environment Common Files; SUNWmfrun; SUNWxwice.

[8]Minimum patch requirements for AIX 6.1: Technology Level 2 SP1; IBM C++ Runtime Environment Components for AIX => xlC.aix61.rte:10.1.0.0.

Appendix A: Third-Party Acknowledgements

This section provides acknowledgements for third-party software that CA Clarity PPM uses.

The license information for third-party software that CA Clarity PPM uses is available in the \Bookshelf Files\TPSA directory of the CA Bookshelf.