

# Clarity PPM Component Specifications | Change History by Release

Covers 15.6, 15.5.1, 15.5, 15.4.1, 15.4, 15.3, 15.2, 15.1

14.4, 14.3, 14.2, 14.1

13.3, 13.2, 13.1, and 13.0

**Note:** Subject to change. Dates are approximate. Some duplication of entries may be observed.  
For the latest updates for new supported releases, see the **Release Notes** on docops.ca.com.

| RELEASE: 13.0   | RELEASE: 13.0.0.1                  |
|---|------------------------------------|
| COMPONENT: Client Applications  | COMPONENT: Client Browsers         |
| Defined support for Crystal Reports Designer 2008 as SP3 or higher (instead of any service pack). | Added support for Firefox 10.0.    |
| Dropped support for Microsoft Project 2000, 2002 and 2003.  | Added support for Firefox 10.0.    |
| COMPONENT: Client Browsers  | Added support for Firefox 10.0.    |
| Added support for Firefox 8.0.  | Added support for Firefox 3.6.     |
| Added support for Firefox 8.0.  | Added support for Firefox 3.6.     |
| Added support for IE 9.0.   | Dropped support for Firefox 3.5.   |
| Added support for IE 9.0.   | Dropped support for Firefox 8.0.   |
| Added support for Safari 5.1.1.   | Dropped support for Firefox 8.0.   |
| Added support for Safari 5.1.1.   | Dropped support for Firefox 8.0.   |
| Dropped support for IE6 and IE7.  | COMPONENT: Server: PPM Application |
| Dropped support for IE6 and IE7.  | Added support for Tomcat 6.0.35.   |
| COMPONENT: OS: PPM Application Server   | Dropped support for Tomcat 6.0.26. |
| Added support for RHEL 6.0.   |                                    |
| Added support for SUSE Enterprise Linux 11.   |                                    |
| Dropped 32-bit operating systems.   |                                    |
| Updated support only for upgrading customers with previous installations on Solaris and HP-UX.    |                                    |
| COMPONENT: Server DB  |                                    |
| Added Microsoft SQL Server 2008 R2.   |                                    |
| Dropped support for Microsoft SQL Server 2005.  |                                    |
| COMPONENT: Server Java Runtime  |                                    |
| Dropped 32-bit support.   |                                    |
| COMPONENT: Server: Legacy BO Reports  |                                    |
| Added support for CA Business Intelligence Release 3.2.   |                                    |
| Dropped support for Actuate.  |                                    |
| Dropped support for CA Business Intelligence Release 3.0.   |                                    |
| COMPONENT: Server: PPM Application  |                                    |
| Dropped 32-bit support.   |                                    |
| COMPONENT: SharePoint Server  |                                    |
| Added support for SharePoint Server 2010.   |                                    |
| Dropped support for SharePoint Server 2007.   |                                    |

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|---|---|
| 13.1   Component Specification <a href="#">Change History</a>   |   |
| RELEASE: <b>13.1</b>  | Added support for IBM Java 7.0.0 64-bit: SR10 or higher patch level (64-bit).         |
| COMPONENT: <b>Client Applications</b>   | Added support for Oracle Java SE JDK 1.7.0_4 or higher patch level (64-bit).          |
| Added support for Crystal Reports Designer 2008 Service Pack 5.   | Dropped support for HP JDK 6: 6.0.05 or higher patch level (64-bit).                  |
| Added support for Crystal Reports Designer 2008 Service Pack 5.   | Dropped support for IBM Java 6 64-bit: SR6 or higher patch level (64-bit).            |
| Added support for Crystal Reports Designer 2008 Service Pack 5.   | Dropped support for Sun J2SDK 1.6.0: version 1.6.0_20 or higher patch level (64-bit). |
| Added support for Xcelsius Designer 2008 Service Pack 5.  | COMPONENT: <b>Server: Legacy BO Reports</b>   |
| Added support for Xcelsius Designer 2008 Service Pack 5.  | Added support for CA Business Intelligence Release 3.3 (BOXI 3.1 Service Pack 5).     |
| Added support for Xcelsius Designer 2008 Service Pack 5.  | Dropped support for CA Business Intelligence Release 3.2 (BOXI 3.1 Service Pack 3).   |
| Dropped support for Crystal Reports Designer 2008 Service Pack 3.   | COMPONENT: <b>Server: PPM Application</b>   |
| Dropped support for Crystal Reports Designer 2008 Service Pack 3.   | Added support for IBM WebSphere Application Server 8.5 (64-bit).                      |
| Dropped support for Crystal Reports Designer 2008 Service Pack 3.   | Added support for Oracle Weblogic Server 12.1.1: any service pack (64-bit).           |
| Dropped support for Xcelsius Designer 2008 Service Pack 3.  | Added support for Tomcat 7.0.26 or higher patch level (64-bit).                       |
| Dropped support for Xcelsius Designer 2008 Service Pack 3.  | Dropped support for IBM WebSphere Application Server 7.0.0.7 (64-bit).                |
| Dropped support for Xcelsius Designer 2008 Service Pack 3.  | Dropped support for Oracle WebLogic Server 10.3: any service pack (64-bit).           |
| COMPONENT: <b>Client Browsers</b>   | Dropped support for Tomcat 6.0.35.  |
| Added support for Chrome 18.0.1.25.152m and higher release level.   |   |
| Added support for Chrome 18.0.1.25.152m and higher release level.   |   |
| Added support for Chrome 18.0.1.25.152m and higher release level.   |   |
| Added support for Firefox 13.0 and higher release level.  |   |
| Added support for Firefox 13.0 and higher release level.  |   |
| Added support for Firefox 13.0 and higher release level.  |   |
| Added support for Firefox ESR 10.0.5 and higher release level.  |   |
| Added support for Firefox ESR 10.0.5 and higher release level.  |   |
| Added support for Firefox ESR 10.0.5 and higher release level.  |   |
| CA Technologies only supports browser versions that are supported by their associated third-party vendors.            |   |
| CA Technologies only supports browser versions that are supported by their associated third-party vendors.            |   |
| Dropped support for Firefox 3.5.  |   |
| Dropped support for Firefox 8.0.  |   |
| Dropped support for Firefox 8.0.  |   |
| Dropped support for Firefox 8.0.  |   |
| Note: CA Technologies only supports browser versions that are supported by their associated third-party vendors.      |   |
| COMPONENT: <b>Database</b>  |   |
| Clarified support around running databases on software virtualized operating systems.                                 |   |
| Dropped support for Oracle 10.2.0.5.  |   |
| COMPONENT: <b>OS: PPM Application Server</b>  |   |
| Added support for AIX 7.1 with any maintenance release.   |   |
| Added support for Microsoft Windows 7 Service Pack 1, 32-bit and 64-bit, all editions.                                |   |
| Added support for Microsoft Windows Server 2008 R2 Service Pack 1.  |   |
| Added support for Microsoft Windows Vista Service Pack 2, all editions.   |   |
| Added support for OEL Server 6u2.   |   |
| Added support for Red Hat Enterprise Linux 5.5 64-bit for x86 chipsets: any maintenance release.                      |   |
| Added support for SUSE Linux Enterprise Server 10 Service Pack 4 (64-bit) for x86 chipsets.                           |   |
| Added support for Windows Server 2008, SP2.   |   |
| Dropped support for AIX 5.3.x   |   |
| Dropped support for Microsoft Windows 7, 32-bit and 64-bit, all editions.   |   |
| Dropped support for Microsoft Windows Server 2003 64-bit Standard Edition or Enterprise Edition up to Service Pack 2. |   |
| Dropped support for Microsoft Windows Server 2008 R2 (64-bit) Standard Edition or Enterprise Edition.                 |   |
| Dropped support for Microsoft Windows Vista, all editions.  |   |
| Dropped support for Red Hat Enterprise Linux 5 64-bit for x86 chipsets: any maintenance release.                      |   |
| Dropped support for SUSE Linux Enterprise Server 10 (64-bit) for x86 chipsets: any maintenance release.               |   |
| COMPONENT: <b>Server Java Runtime</b>   |   |
| Added support for HP JDK v7: 7.0.01 or higher patch level (64-bit).   |   |

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| 13.2   Component Specification <a href="#">Change History</a>  |   |
| RELEASE: <b>13.2</b>   | Added support for Apple iOS 6.0 and higher.                             |
| COMPONENT: <b>Client Applications</b>  | Added support for Google Android 4.0 (Ice Cream Sandwich) and higher.   |
| Added support for CA Open Workbench 2.1.   | Added support for Google Android 4.0 (Ice Cream Sandwich) and higher.   |
| Added support for CA Open Workbench 2.1.   | Added support for Google Android 4.0 (Ice Cream Sandwich) and higher.   |
| Added support for CA Open Workbench 2.1.   | COMPONENT: <b>OS: PPM Application Server</b>                            |
| Added support for Microsoft Excel 2010-2013 64-bit, all editions.  | Added support for Mac OS X 10.8.2.                                      |
| Added support for Microsoft Excel 2010-2013 64-bit, all editions.  | Added support for Microsoft Windows 8, 32-bit and 64-bit, all editions. |
| Added support for Microsoft Excel 2010-2013 64-bit,all editions.   | Added support for Microsoft Windows XP, SP3.                            |
| Added support for Microsoft PowerPoint 2010-2013 64-bit, all editions.                                     | Added support for Oracle Enterprise Linux 6u2.                          |
| Added support for Microsoft PowerPoint 2010-2013 64-bit, all editions.                                     | Dropped support for Mac OS X 10.4.                                      |
| Added support for Microsoft PowerPoint 2010-2013 64-bit, all editions.                                     | Dropped support for Microsoft Windows Server 2008 (non-R2).             |
| Added support for Microsoft Project 2010-2013 32-bit and 64-bit, all editions.                             | Dropped support for Microsoft Windows Vista, all editions.              |
| Added support for Microsoft Project 2010-2013 32-bit and 64-bit, all editions.                             | Dropped support for Microsoft Windows XP, SP2.                          |
| Added support for Microsoft Project 2010-2013 32-bit and 64-bit, all editions.                             | COMPONENT: <b>Server Java Runtime</b>                                   |
| Added support for Xcelsius Designer 2008 Service Pack 6.   | Added support for Java JDK 1.7 update 21 and higher.                    |
| Dropped support for CA Open Workbench 2.0.   | COMPONENT: <b>Server: Legacy BO Reports</b>                             |
| Dropped support for CA Open Workbench 2.0.   | No changes.   |
| Dropped support for CA Open Workbench 2.0.   | COMPONENT: <b>Server: PPM Application</b>                               |
| Dropped support for Xcelsius Designer 2008 Service Pack 5.   | Added support for Tomcat 7.0.33 or higher patch level (64-bit).         |
| COMPONENT: <b>Client Browsers</b>  | Dropped support for Tomcat 7.0.26 or higher patch level (64-bit).       |
| Added support for Apple Safari 6.0.2 (on Mac OS X 10.8.2 or higher).                                       |   |
| Added support for Apple Safari 6.0.2 (on Mac OS X 10.8.2 or higher).                                       |   |
| Added support for Apple Safari 6.0.2 (on Mac OSX 10.8.2 or higher).  |   |
| Added support for Chrome 25.0.1364.172m.   |   |
| Added support for Chrome 25.0.1364.172m.   |   |
| Added support for Chrome 25.0.1364.172m.   |   |
| Added support for Firefox 19.0.2.  |   |
| Added support for Firefox 19.0.2.  |   |
| Added support for Firefox 19.0.2.  |   |
| Added support for Firefox ESR 17.0.4.  |   |
| Added support for Firefox ESR 17.0.4.  |   |
| Added support for Firefox ESR 17.0.4.  |   |
| Added support for Microsoft Internet Explorer 10 (Windows 8 only).   |   |
| Added support for Microsoft Internet Explorer 10 (Windows 8 only).   |   |
| Added support for Microsoft Internet Explorer 10 (Windows 8 only).   |   |
| CA Technologies only supports browser versions that are supported by their associated third-party vendors. |   |
| CA Technologies only supports browser versions that are supported by their associated third-party vendors. |   |
| CA Technologies only supports browser versions that are supported by their associated third-party vendors. |   |
| Dropped support for Firefox ESR 10.0.5.  |   |
| Dropped support for Firefox ESR 10.0.5.  |   |
| Dropped support for Firefox ESR 10.0.5.  |   |
| COMPONENT: <b>Database</b>   |   |
| Clarified support around running databases on software virtualized operating systems.                      |   |
| Dropped support for Oracle 10.2.0.5.   |   |
| COMPONENT: <b>Database Server</b>  |   |
| Added support for Microsoft SQL Server 2012 Enterprise Edition.  |   |
| Added support for Oracle 11.2.0.3 Standard and Enterprise Editions.  |   |
| COMPONENT: <b>Integrations</b>   |   |
| Added support for Sharepoint Connector 2.0.2.  |   |
| COMPONENT: <b>OS: Mobile OS for Clarity Mobile Time Manager app</b>  |   |
| Added support for Apple iOS 6.0 and higher.  |   |
| Added support for Apple iOS 6.0 and higher.  |   |

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| 13.3   Component Specification <a href="#">Change History</a> |  |   |
| RELEASE:  | 13.3   | Added support for Safari 6.0.52 for Apple Mac OS.   |
| COMPONENT:  | Client Applications  | Added support for Safari 6.0.52 for Apple Mac OS.   |
|   | Added support for CA Open Workbench 2.1.1  | COMPONENT: Database   |
|   | Added support for CA Open Workbench 2.1.1  | No Changes  |
|   | Added support for CA Open Workbench 2.1.1  | No Changes.   |
|   | Added support for CA Open Workbench 2.1.1  | No Changes.   |
|   | Added support for CA Open Workbench 2.1.1  | COMPONENT: Database Server  |
|   | Added support for CA Open Workbench 2.1.1.   | No Changes  |
|   | Added support for CA Open Workbench 2.1.1.   | No Changes.   |
|   | Dropped support for CA Open Workbench 2.1  | No Changes.   |
|   | Dropped support for CA Open Workbench 2.1  | COMPONENT: Integrations   |
|   | Dropped support for CA Open Workbench 2.1  | Added certification for CA SiteMinder 12.0 SP3.   |
|   | Dropped support for CA Open Workbench 2.1  | Added footnote “CA SiteMinder 12.0 SP3 is certified. Additionally SiteMinder 12.51 CR1 is supported.”.  |
|   | Dropped support for CA Open Workbench 2.1  | Added Sharepoint Connector 2.0.3  |
|   | Dropped support for CA Open Workbench 2.1.   | Added Sharepoint Connector 2.0.3.   |
|   | Dropped support for CA Open Workbench 2.1.   | Added Sharepoint Connector 2.0.3.   |
|   | Dropped support for Microsoft Project 2007   | Added support for SharePoint Server 2013  |
|   | Dropped support for Microsoft Project 2007   | Added support for SharePoint Server 2013.   |
|   | Dropped support for Microsoft Project 2007   | Added support for SharePoint Server 2013.   |
|   | Dropped support for Microsoft Project 2007   | Added supported for CA SiteMinder 12.51 CR1.  |
|   | Dropped support for Microsoft Project 2007   | CA SiteMinder 12.0 SP3 is certified; SiteMinder 12.51 CR1 is also supported   |
|   | Dropped support for Microsoft Project 2007.  | COMPONENT: Mobile OS for CA Clarity Mobile Time Manager   |
|   | Dropped support for Microsoft Project 2007.  | Updated support for latest iOS 6.1.4, iOS 7 and Android OS 4.2.2. (Jelly Bean) patch levels available at the time for CA Clarity Mobile Time Manager app only |
| COMPONENT:  | Client Browser   | COMPONENT: Operating Systems  |
|   | Added support for Adobe Flash Player version 11  | Added support for AIX 6.1; TL82   |
|   | Added support for Firefox 19.0.2 22 for Microsoft Windows  | Added support for AIX 7.1; TL20   |
|   | Added support for Google Chrome 31.x.x.x for Microsoft Windows. Also added a footnote regarding known issues with version 29, 30, and 31   | Added support for Mac OS X; Release 10.8.4  |
|   | Added support for Safari 6.0.52 for Apple Mac OS   | Added support for Oracle Enterprise Linux Server 6.46u2 64-bit i.e. supports releases 6.2 to 6.4  |
|   |  | Added support for Red Hat Enterprise Linux 5.95 64-bit i.e. supports releases 5.5 to 5.9  |
| COMPONENT:  | Client Browsers  | Added support for Red Hat Enterprise Linux 6.4 i.e. supports releases 6.0 to 6.4  |
|   | Added support for Adobe Flash Player version 11  | Added support for SUSE Linux Enterprise Server 11 SP2 64-bit.   |
|   | Added support for Adobe Flash Player version 11  | Added support for Windows Server 2008 SP2 64-bit (Standard, Enterprise)   |
|   | Added support for Adobe Flash Player version 11  | COMPONENT: OS: Mobile OS for Clarity Mobile Time Manager app  |
|   | Added support for Adobe Flash Player version 11.   | Added support for Apple iOS 6.1.4 and iOS 7   |
|   | Added support for Adobe Flash Player version 11.   | Added support for Apple iOS 6.1.4 and iOS 7   |
|   | Added support for Adobe Flash Player version 11.   | Added support for Apple iOS 6.1.4 and iOS 7   |
|   | Added support for Firefox 19.0.2 22 for Microsoft Windows  | Added support for Apple iOS 6.1.4 and iOS 7   |
|   | Added support for Firefox 19.0.2 22 for Microsoft Windows  | Added support for Apple iOS 6.1.4 and iOS 7.  |
|   | Added support for Firefox 19.0.2 22 for Microsoft Windows  | Added support for Apple iOS 6.1.4 and iOS 7.  |
|   | Added support for Firefox 19.0.2 22 for Microsoft Windows  | Added support for Google Android OS 4.2.2 (Jelly Bean)  |
|   | Added support for Firefox 19.0.2 22 for Microsoft Windows.   | Added support for Google Android OS 4.2.2 (Jelly Bean)  |
|   | Added support for Firefox 19.0.2 22 for Microsoft Windows.   | Added support for Google Android OS 4.2.2 (Jelly Bean)  |
|   | Added support for Google Chrome 31.x.x.x for Microsoft Windows. Also added a footnote regarding known issues with versions 29, 30, and 31. | Added support for Google Android OS 4.2.2 (Jelly Bean)  |
|   | Added support for Google Chrome 31.x.x.x for Microsoft Windows. Also added a footnote regarding known issues with version 29, 30, and 31.  | Added support for Google Android OS 4.2.2 (Jelly Bean).   |
|   | Added support for Google Chrome 31.x.x.x for Microsoft Windows. Also added a footnote regarding known issues with version 29, 30, and 31.  | Added support for Google Android OS 4.2.2 (Jelly Bean).   |
|   | Added support for Google Chrome 31.x.x.x for Microsoft Windows. Also added a footnote regarding known issues with versions 29, 30, and 31. | No changes.   |
|   | Added support for Google Chrome 31.x.x.x for Microsoft Windows. Also added a footnote regarding known issues with versions 29, 30, and 31. | COMPONENT: OS: PPM Application Server   |
|   | Added support for Safari 6.0.52 for Apple Mac OS   | Added support for AIX 6.1; TL82.  |
|   | Added support for Safari 6.0.52 for Apple Mac OS   | Added support for AIX 7.1; TL20.  |
|   | Added support for Safari 6.0.52 for Apple Mac OS   | Added support for AIX 7.1; TL20.  |
|   | Added support for Safari 6.0.52 for Apple Mac OS   | Added support for Mac OS X; Release 10.8.4.   |

| 13.3   Component Specification <a href="#">Change History</a>                                     |  |
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| Added support for Mac OS X; Release 10.8.4.   | RELEASE: <b>14.1</b>   |
| Added support for Oracle Enterprise Linux Server 6.46u2 64-bit (supports releases 6.2 to 6.4)     | COMPONENT: <b>Analytics and Visualizations</b>   |
| Added support for Oracle Enterprise Linux Server 6.46u2 64-bit i.e. supports releases 6.2 to 6.4. | Updated Xcelsius 2008, SP6, Fix Pack 3.  |
| Added support for Red Hat Enterprise Linux 5.95 64-bit i.e. supports releases 5.5 to 5.9.         | COMPONENT: <b>Client Applications</b>  |
| Added support for Red Hat Enterprise Linux 5.95 64-bit i.e. supports releases 5.5 to 5.9.         | Dropped support for Microsoft Excel 2007 and Microsoft PowerPoint 2007.  |
| Added support for Red Hat Enterprise Linux 6.4 i.e. supports releases 6.0 to 6.4.                 | Dropped support for Microsoft Excel 2007 and Microsoft PowerPoint 2007.  |
| Added support for Red Hat Enterprise Linux 6.4 i.e. supports releases 6.0 to 6.4.                 | Dropped support for Microsoft Excel 2007 and Microsoft PowerPoint 2007.  |
| Added support for SUSE Linux Enterprise Server 11 SP2 64-bit.                                     | No changes   |
| Added support for SUSE Linux Enterprise Server 11 SP2 64-bit.                                     | No changes   |
| Added support for Windows Server 2008 SP2 64-bit (Standard, Enterprise).                          | No changes   |
| Added support for Windows Server 2008 SP2 64-bit (Standard, Enterprise).                          | No changes   |
| COMPONENT: <b>Report Server</b>   | COMPONENT: <b>Client Browser</b>   |
| Added support for CA Business Intelligence r3.3 SP1 (BOXI 3.1 SP6)                                | Updated support for new releases of Firefox, Chrome, and Safari browsers.  |
| Dropped support for CA Business Intelligence r3.3   | COMPONENT: <b>Client Browsers</b>  |
| COMPONENT: <b>Server Java Runtime</b>   | Updated support for new releases of Firefox, Chrome, and Safari browsers.  |
| Added support for Oracle Java SE JDK 1.7 update 25 (64-bit)                                       | Updated support for new releases of Firefox, Chrome, and Safari browsers.  |
| Added support for Oracle Java SE JDK 1.7 update 25 (64-bit).                                      | Updated support for new releases of Firefox, Chrome, and Safari browsers.  |
| Added support for Oracle Java SE JDK 1.7 update 25 (64-bit).                                      | Updated support for new releases of Firefox, Chrome, and Safari browsers.  |
| Updated the IBM Java version to 7.0.0.100 (SR5)   | Updated support for new releases of Firefox, Chrome, and Safari browsers.  |
| Updated the IBM Java version to 7.0.0.100 (SR5).  | Updated support for new releases of Firefox, Chrome, and Safari browsers.  |
| Updated the IBM Java version to 7.0.0.100 (SR5).  | COMPONENT: <b>Database Server</b>  |
| COMPONENT: <b>Server: Legacy BO Reports</b>   | Added support for Oracle 11.2 Standard and Enterprise Edition, version 11.2.0.4x or higher patch level.                    |
| Added support for CA Business Intelligence r3.3 SP1 (BOXI 3.1 SP6).                               | Added support for Oracle 11.2 Standard and Enterprise Edition, version 11.2.0.4x or higher patch level.                    |
| Added support for CA Business Intelligence r3.3 SP1 (BOXI 3.1 SP6).                               | Dropped support for MS SQL Server 2008.  |
| Dropped support for CA Business Intelligence r3.3.  | Dropped support for Oracle 11.2.0.2 Standard and Enterprise Edition.   |
| Dropped support for CA Business Intelligence r3.3.  | COMPONENT: <b>Integrations</b>   |
| COMPONENT: <b>Server: PPM Application</b>   | Added support for CA SiteMinder 12.5 cr01.   |
| Added support for Apache Tomcat 7.0.40  | Added support for VersionOne.  |
| Added support for Apache Tomcat 7.0.40.   | COMPONENT: <b>Mobile OS for CA Clarity Mobile Time Manager</b>   |
| Added support for Apache Tomcat 7.0.40.   | Dropped support for Apple iOS 6.   |
| Added support for IBM WebSphere Application Server v8.5.5   | Updated support for latest iOS and Android patch levels available at the time for CA Clarity Mobile Time Manager app only. |
| Added support for IBM WebSphere Application Server v8.5.5.  | COMPONENT: <b>Operating Systems</b>  |
| Added support for IBM WebSphere Application Server v8.5.5.  | Added support for Red Hat Enterprise Linux 5.10 64-bit (supports releases 5.5 to 5.10).                                    |
| Dropped support for Apache Tomcat 7.0.33  | Added support for Red Hat Enterprise Linux 6.4 64-bit for x86 chipsets: any newer update release.                          |
| Dropped support for Apache Tomcat 7.0.33.   | Added support for SUSE Linux Enterprise Server 11 SP3 64-bit.  |
| Dropped support for Apache Tomcat 7.0.33.   | Added support for Windows 8.1.   |
|   | Added support for Windows Server 2012 64-bit (Standard).   |
|   | Dropped support for HP UX.   |
|   | Dropped support for Solaris.   |
|   | Updated support for Mac OS X; Release 10.9.1.  |
|   | COMPONENT: <b>OS: Mobile OS for Clarity Mobile Time Manager app</b>  |
|   | Dropped support for Apple iOS 6 for this app only.   |
|   | Dropped support for Apple iOS 6.   |
|   | Dropped support for Apple iOS 6.   |
|   | Dropped support for Apple iOS 6.   |
|   | Dropped support for Apple iOS 6.   |
|   | Dropped support for Apple iOS 6.   |
|   | COMPONENT: <b>OS: PPM Application Server</b>   |
|   | Added support for Red Hat Enterprise Linux 5.10 64-bit (supports releases 5.5 to 5.10).                                    |
|   | Added support for Red Hat Enterprise Linux 5.10 64-bit (supports releases 5.5 to 5.10).                                    |
|   | Added support for Red Hat Enterprise Linux 6.4 64-bit for x86 chipsets: any newer update release.                          |
|   | Added support for Red Hat Enterprise Linux 6.4 64-bit for x86 chipsets: any newer update release.                          |

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|---|-------------------|--|
| 14.1   Component Specification <a href="#">Change History</a>         |                   |  |
| Added support for SUSE Linux Enterprise Server 11 SP3 64-bit.         | RELEASE:          | 14.2   |
| Added support for SUSE Linux Enterprise Server 11 SP3 64-bit.         | COMPONENT:        | Client Applications  |
| Added support for Windows 8.1.  | Fri, Mar 20, 2015 | Added support for Microsoft Project 2013 SP1 for the new Microsoft Project driver only.                                    |
| Added support for Windows 8.1.  |                   | Added support for Microsoft Project 2013 SP1 for the new Microsoft Project driver only.                                    |
| Added support for Windows Server 2012 64-bit (Standard).              | Fri, Mar 20, 2015 | Dropped support for Crystal Reports 2011 SP8 Patch1.   |
| Added support for Windows Server 2012 64-bit (Standard).              | COMPONENT:        | Client Browsers  |
| Dropped support for HP UX.  | Fri, Mar 20, 2015 | No changes   |
| Dropped support for HP UX.  | COMPONENT:        | Mobile OS for CA Clarity Mobile Time Manager   |
| Dropped support for Solaris.  |                   | Updated support for latest iOS and Android patch levels available at the time for CA Clarity Mobile Time Manager app only. |
| Dropped support for Solaris.  | COMPONENT:        | OS: Mobile OS for Clarity Mobile Time Manager app  |
| Updated support for Mac OS X; Release 10.9.1.                         | Fri, Mar 20, 2015 | No changes   |
| Updated support for Mac OS X; Release 10.9.1.                         | COMPONENT:        | Report Server  |
|   |                   | Added support for Jaspersoft 5.6.1.  |
| COMPONENT: Products Included  |                   | No support for CA Business Intelligence r3.3 SP2 (BOXI 3.1 SP 7) for new customers.  |
| Added Crystal Reports Designer 2008 Service Pack 5.                   | COMPONENT:        | Server Java Runtime  |
| Added Crystal Reports Designer 2008 Service Pack 5.                   | Fri, Mar 20, 2015 | Updated support for Oracle Java SE JDK 1.7 update 67 (64-bit).   |
| Added Crystal Reports Designer 2008 Service Pack 5.                   |                   | Updated support for Oracle Java SE JDK 1.7 update 67 (64-bit).   |
| Updated Xcelsius 2008, SP6, Fix Pack 3.                               | COMPONENT:        | Server: Jaspersoft Reports   |
| Updated Xcelsius 2008, SP6, Fix Pack 3.                               | Fri, Mar 20, 2015 | Added support for Jaspersoft 5.6.1.  |
| COMPONENT: Report Server  | COMPONENT:        | Server: Legacy BO Reports  |
| Updated support for CA Business Intelligence r3.3 SP2 (BOXI 3.1 SP7). | Fri, Mar 20, 2015 | Dropped support for CA Business Intelligence r3.3 SP2 (BOXI 3.1 SP 7) for new customers.                                   |
| COMPONENT: Server Java Runtime  | COMPONENT:        | Server: PPM Application  |
| Added support for Oracle Java SE JDK 1.7 update 55 (64-bit).          | Fri, Mar 20, 2015 | Updated support for Apache Tomcat 7.0.55.  |
| Added support for Oracle Java SE JDK 1.7 update 55 (64-bit).          |                   | Updated support for Apache Tomcat 7.0.55.  |
| Added support for Oracle Java SE JDK 1.7 update 55 (64-bit).          |                   |  |
| Dropped support for HP JDK 7 (64 bit): 7.0.01 or higher patch level.  |                   |  |
| Dropped support for HP JDK 7 (64 bit): 7.0.01 or higher patch level.  |                   |  |
| Dropped support for HP JDK 7 (64 bit): 7.0.01 or higher patch level.  |                   |  |
| COMPONENT: Server: Legacy BO Reports                                  |                   |  |
| Updated support for CA Business Intelligence r3.3 SP2 (BOXI 3.1 SP7). |                   |  |
| Updated support for CA Business Intelligence r3.3 SP2 (BOXI 3.1 SP7). |                   |  |
| COMPONENT: Server: PPM Application                                    |                   |  |
| Dropped support for Oracle Weblogic Server 12.1.1.                    |                   |  |
| Dropped support for Oracle Weblogic Server 12.1.1.                    |                   |  |
| Dropped support for Oracle Weblogic Server 12.1.1.                    |                   |  |
| Updated support for Apache Tomcat 7.0.50.                             |                   |  |
| Updated support for Apache Tomcat 7.0.50.                             |                   |  |
| Updated support for Apache Tomcat 7.0.50.                             |                   |  |



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| ca14.3   Component SpecificationChange History               |  |   |
| RELEASE: 14.3  |  | COMPONENT: Products Included  |
| COMPONENT: Branding  |  | Added Crystal Reports 2011 SP8 Patch1   |
| Fri, Sep 25, 2015  | Branding change from CA Clarity PPM to CA PPM begins   | Fri, Sep 25, 2015Added support for Crystal Reports 2011 SP8 Patch1  |
| COMPONENT: Client Applications                               |  | Fri, Sep 25, 2015Updated support for Xcelsius 2008 SP6 fix pack 3   |
| Fri, Sep 25, 2015  | Added support for Microsoft Project 2013 SP1 for the new Microsoft Project driver only                                     | Updated Xcelsius 2008 SP6 fix pack 3  |
|  | Added support for Microsoft Project 2013 SP1 for the new Microsoft Project driver only                                     |   |
| COMPONENT: Client Browsers                                   |  | COMPONENT: Rally Agile SaaS   |
| Fri, Sep 25, 2015  | Added support for IE10 and IE11  | Fri, Sep 25, 2015Added support for Rally Agile SaaS. Version 2.0 or higher of the Rally App SDK.              |
|  | Added support for IE10 and IE11  | Added support for Rally Agile SaaS. Version 2.0 or higher of the Rally App SDK.                               |
|  | Dropped support for IE 8 and IE9   | COMPONENT: Report Server  |
|  |  | Dropped support for Jaspersoft 5.6.1  |
| Fri, Sep 25, 2015  | Dropped support for IE8 and IE9  | No support for CA Business Intelligence r3.3 SP2 (BOXI 3.1 SP 7) for new customers                            |
| Fri, Sep 25, 2015  | Updated support for new releases of Firefox, Chrome, and Safari browsers   |   |
|  | Updated support for new releases of Firefox, Chrome, and Safari browsers   | COMPONENT: Server Java Runtime  |
|  |  | Fri, Sep 25, 2015Added support for Oracle Java SE JDK 1.8 update 40 (64-bit)                                  |
| COMPONENT: Database Server                                   |  | Added support for Oracle Java SE JDK 1.8 update 40(64-bit)  |
| Fri, Sep 25, 2015  | Added Support for MS SQL Server 2014   | Fri, Sep 25, 2015Dropped support for Oracle Java SE JDK 1.7 update 67 (64-bit) or higher patch level          |
|  | Added Support for MS SQL Server 2014   | Dropped support for Oracle Java SE JDK 1.7 update 67 (64-bit) or higher patch level                           |
| Fri, Sep 25, 2015  | Added support for Oracle 12c Standard and Enterprise Edition: version 12.1.0.2.x or higher patch level                     | COMPONENT: Server: Jaspersoft Reports   |
|  | Added support for Oracle 12c Standard and Enterprise Edition: version 12.1.0.2.x or higher patch level                     | Fri, Sep 25, 2015Added support for Jaspersoft 6.1.0 and Jaspersoft 6.2.1                                      |
| Fri, Sep 25, 2015  | Dropped support for Microsoft SQL Server 2008 R2 Enterprise Edition: Any Service Pack                                      | Fri, Sep 25, 2015Dropped support for Jaspersoft 5.6.1   |
| Fri, Sep 25, 2015  | Dropped support for MS SQL Server 2008   | Fri, Sep 25, 2015Updated support for Apache Tomcat 7.0.55 or higher patch level (64-bit) for Jaspersoft 6.1.0 |
| Fri, Sep 25, 2015  | Dropped support for Oracle 11.2 Standard and Enterprise Edition: version 11.2.0.2.x or higher patch level                  | Updated support for Apache Tomcat 7.0.55 or higher patch level (64-bit) for Jaspersoft 6.1.0                  |
|  | Dropped support for Oracle 11.2 Standard and Enterprise Edition: version 11.2.0.2.x or higher patch level                  | Updated support for Apache Tomcat 8.0.20  |
|  | Removed support for Microsoft SQL Server 2008 R2 Enterprise Edition: Any Service Pack                                      | COMPONENT: Server: Legacy BO Reports  |
|  | Removed support for MS SQL Server 2008   | Fri, Sep 25, 2015Dropped support for CA Business Intelligence r3.3 SP2 (BOXI 3.1 SP 7) for new customers      |
| COMPONENT: Integrations                                      |  | COMPONENT: Server: PPM Application  |
| Fri, Sep 25, 2015  | Added support for SiteMinder 12.5cr01  | Fri, Sep 25, 2015Dropped support for Apache Tomcat 7.0.55 or higher patch level (64-bit) for PPM              |
|  | Added support for SiteMinder 12.5cr01  | Dropped support for Apache Tomcat 7.0.55 or higher patch level (64-bit) for PPM                               |
| Fri, Sep 25, 2015  | As of Dec 31, 2016, dropped support for CA PPM Solution Pack (CSP) 14.3.0  | Fri, Sep 25, 2015Updated support for Apache Tomcat 8.0.20   |
| Fri, Sep 25, 2015  | As of June 30, 2016, dropped support for Business Relationship Manager (BRM) Accelerator 3.0.2                             |   |
| Fri, Sep 25, 2015  | As of June 30, 2016, dropped support for CA PPM Catalyst Connector 2.5.0   |   |
| Fri, Sep 25, 2015  | As of June 30, 2016, dropped support for CA Unicenter Asset Portfolio Management (APM) Connector 2.0.2                     |   |
| Fri, Sep 25, 2015  | As of June 30, 2016, dropped support for Connector for CA Unicenter Service Desk and CA Software Change Manager 2.0.1      |   |
| Fri, Sep 25, 2015  | As of June 30, 2016, dropped support for PPM Essentials Accelerator 2.0.2  |   |
| Fri, Sep 25, 2015  | As of June 30, 2016, dropped support for Service Connect 2.0.0   |   |
| COMPONENT: Mobile OS for CA Clarity Mobile Time Manager      |  |   |
|  | Dropped support for Apple iOS 7  |   |
|  | Updated support for latest iOS and Android patch levels available at the time for CA Clarity Mobile Time Manager app only. |   |
| COMPONENT: Operating Systems                                 |  |   |
|  | Added support for Red Hat Enterprise Linux 6.6 64-bit for x86 chipsets: any newer update release                           |   |
|  | Added support for Red Hat Enterprise Linux 7.x 64-bit for x86 chipsets: any newer update release                           |   |
|  | Added support for SUSE Linux Enterprise Server 12 64-bit   |   |
|  | Added support for Windows Server 2012 R2 64-bit (Standard)   |   |
|  | Removed support for SUSE Enterprise Linux 10 SP4 64-bit for x86 chipsets: any newer service pack release (2)               |   |
|  | Updated support for Mac OS X; Release 10.9.1   |   |
| COMPONENT: OS: Mobile OS for Clarity Mobile Time Manager app |  |   |
| Fri, Sep 25, 2015  | Dropped support for Apple iOS 7  |   |
| Fri, Sep 25, 2015  | Updated support for Mac OS X 10.9.1  |   |
| COMPONENT: OS: PPM Application Server                        |  |   |
| Fri, Sep 25, 2015  | Added support for Red Hat Enterprise Linux 6.6 64-bit for x86 chipsets: any newer update release                           |   |
| Fri, Sep 25, 2015  | Added support for Red Hat Enterprise Linux 7.x 64-bit for x86 chipsets: any newer update release                           |   |
| Fri, Sep 25, 2015  | Added support for SUSE Linux Enterprise Server 12 64-bit   |   |
| Fri, Sep 25, 2015  | Added support for Windows Server 2012 R2 64-bit (Standard)   |   |
| Fri, Sep 25, 2015  | Removed support for SUSE Enterprise Linux 10 SP4 64-bit for x86 chipsets: any newer service pack release (2)               |   |

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| ca14.4   Component SpecificationChange History   |   |
| RELEASE: 14.4  | COMPONENT: Report Server  |
| COMPONENT: Analytics and Visualizations  | Dropped support for CA Business Intelligence 3.3 SP2 (BOXI 3.1 SP7).                              |
| Dropped support for Xcelsius (superseded by Jaspersoft Advanced Reporting)   | COMPONENT: Server Java Runtime  |
| COMPONENT: Branding  | Fri, Apr 22, 2016Dropped support for HP JDK 7, latest patch level (64 bit).                       |
| Fri, Apr 22, 2016Completed official branding change from CA Clarity PPM to CA PPM  | Dropped support for HP JDK 7, latest patch level (64 bit).  |
| COMPONENT: CA Agile Central (formerly Rally)   | Fri, Apr 22, 2016Dropped support for IBM Java 7.0.0.100 (SR5), latest patch level (64 bit).       |
| Fri, Apr 22, 2016Updated support for CA Agile Central 2015.2   | Dropped support for IBM Java 7.0.0.100 (SR5), latest patch level (64 bit).                        |
| Updated support for CA Agile Central 2015.2.   | Fri, Apr 22, 2016Updated support for Oracle Java SE JDK 8, update 60 latest patch level (64 bit). |
| COMPONENT: Client Applications   | Updated support for Oracle Java SE JDK 8, update 60 latest patch level (64 bit).                  |
| Fri, Apr 22, 2016Added support for Microsoft Excel 2016 (Windows and Mac) and Excel in Office 365                          | COMPONENT: Server: Jaspersoft Reports   |
| Added support for Microsoft Excel 2016 (Windows and Mac).  | Fri, Apr 22, 2016Added support for Jaspersoft 6.1.0 and Jaspersoft 6.2.1                          |
| Fri, Apr 22, 2016Added support for Microsoft PowerPoint 2016 (Windows and Mac) and PowerPoint in Office 365                | COMPONENT: Server: Legacy BO Reports  |
| Added support for Microsoft PowerPoint 2016 (Windows and Mac).   | Fri, Apr 22, 2016Dropped support for CA Business Intelligence 3.3 SP2 (BOXI 3.1 SP7)              |
| Added support for Microsoft Project 2016.  | COMPONENT: Server: PPM Application  |
| Fri, Apr 22, 2016Added support for Microsoft Project 2016. Note: Does not include Microsoft Project Pro for Office 365.    | Fri, Apr 22, 2016Dropped support for IBM WebSphere  |
| Does not include Microsoft Project Pro for Office 365.   | Dropped support for IBM WebSphere.  |
| Fri, Apr 22, 2016For all Microsoft Office products, click-to-run deployments are not supported.                            | Fri, Apr 22, 2016Updated support for Apache Tomcat 8.0.26   |
| For all Microsoft Office products, click-to-run deployments are not supported.   | Updated support for Apache Tomcat 8.0.26.   |
| Includes Office 365 versions of Excel and PowerPoint.  |   |
| COMPONENT: Client Browsers   |   |
| Fri, Apr 22, 2016Added support for Microsoft Edge for Windows 10 (not supported for Jaspersoft)                            |   |
| Added support for Microsoft Edge for Windows 10 (not supported for Jaspersoft).  |   |
| Fri, Apr 22, 2016Added support for native Microsoft IE 11 for Windows 7, 8.1, and 10.                                      |   |
| Added support for native Microsoft IE 11 for Windows 7, 8.1, and 10.   |   |
| Fri, Apr 22, 2016Dropped support for IE 10.  |   |
| Dropped support for IE 10.   |   |
| Fri, Apr 22, 2016Updated support for new releases of Firefox, Chrome, and Safari browsers.                                 |   |
| Updated support for new releases of Firefox, Chrome, and Safari browsers.  |   |
| COMPONENT: Database Server   |   |
| Fri, Apr 22, 2016Added support for SQL Server 2014 Service Pack 1  |   |
| Fri, Apr 22, 2016Dropped support for Oracle 11.2.0.3.  |   |
| Dropped support for Oracle 11.2.0.3.   |   |
| Requires minimum Service Pack 1 for SQL Server 2014.   |   |
| COMPONENT: Integrations  |   |
| Fri, Apr 22, 2016No changes  |   |
| No changes   |   |
| COMPONENT: Mobile OS for CA Clarity Mobile Time Manager  |   |
| Updated support for latest iOS and Android patch levels available at the time for CA Clarity Mobile Time Manager app only. |   |
| COMPONENT: Operating Systems   |   |
| Added support for CentOS 7u0 64 bit.   |   |
| Added support for Oracle Enterprise 64 bit, Linux server 7u0 64 bit.   |   |
| Dropped support for IBM AIX.   |   |
| Dropped support for Windows Server 2008 SP1, SP2 64 bit, Standard and Enterprise.  |   |
| COMPONENT: OS: Mobile OS for Clarity Mobile Time Manager app   |   |
| Fri, Apr 22, 2016Updated iOS and Android OS supported release levels for the CA PPM Mobile Time Manager app only.          |   |
| COMPONENT: OS: PPM Application Server  |   |
| Fri, Apr 22, 2016Added support for CentOS 7u0 64-bit   |   |
| Fri, Apr 22, 2016Added support for Oracle Enterprise 64 bit, Linux server 7u0 64-bit.                                      |   |
| Fri, Apr 22, 2016Dropped support for IBM AIX.  |   |
| Fri, Apr 22, 2016Dropped support for Windows Server 2008 SP1, SP2 64 bit, Standard and Enterprise                          |   |
| COMPONENT: Products Included   |   |
| Fri, Apr 22, 2016No changes  |   |
| No changes   |   |



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| <div><div>15.1   Component Specification</div><div><a href="#">Change History</a></div></div> |  |
| RELEASE: 15.1   | RELEASE: 15.2  |
| COMPONENT: CA Agile Central (formerly Rally)  | COMPONENT: CA Agile Central (formerly Rally)   |
| Fri, Aug 26, 2016Updated support for CA Agile Central 2016.1.   | Fri, Mar 10, 2017Updated support for CA Agile Central 2016.2.  |
| COMPONENT: Client Applications  | COMPONENT: Client Applications   |
| Fri, Aug 26, 2016For all Microsoft Office products, click-to-run deployments are not supported  | Fri, Mar 10, 2017Added support for Microsoft Office click-to-run deployments   |
| For all Microsoft Office products, click-to-run deployments are not supported.  | Fri, Mar 10, 2017Updated support for Oracle Java 64-bit JDK update 91 through 101 or higher  |
| COMPONENT: Client Browsers  | COMPONENT: Client Browsers   |
| Fri, Aug 26, 2016Updated support for new releases of Firefox, Chrome, and Safari browsers.  | Fri, Mar 10, 2017Updated support for new releases of Internet Explorer, Edge, Firefox, Chrome, and Safari browsers.  |
| Updated support for new releases of Firefox, Chrome, and Safari browsers.   | COMPONENT: Database Server   |
| COMPONENT: Database Server  | Fri, Mar 10, 2017No changes  |
| Fri, Aug 26, 2016Requires minimum Service Pack 1 for SQL Server 2014.   | COMPONENT: Integrations  |
| Requires minimum Service Pack 1 for SQL Server 2014.  | Fri, Mar 10, 2017Dropped support for VersionOne.   |
| COMPONENT: Integrations   | Fri, Mar 10, 2017Updated support for CA Agile Central (formerly Rally) 2016.2.   |
| No changes  | COMPONENT: OS: Mobile OS for Clarity Mobile Time Manager app   |
| Fri, Aug 26, 2016Updated support for CA Agile Central 2016.1.   | Fri, Mar 10, 2017Updated support for latest iOS and Android patch levels available at the time of release for this app only  |
| COMPONENT: Mobile OS for CA Clarity Mobile Time Manager   | COMPONENT: OS: PPM Application Server  |
| Updated support for latest iOS and Android patch levels available at the time for CA Clarity Mobile Time Manager app only.  | Fri, Mar 10, 2017No changes  |
| COMPONENT: Operating Systems  | COMPONENT: Products Included   |
| No changes  | Fri, Mar 10, 2017No changes  |
| COMPONENT: OS: Mobile OS for Clarity Mobile Time Manager app  | COMPONENT: Server Java Runtime   |
| Fri, Aug 26, 2016Updated support for latest iOS and Android patch levels available at the time of release for this app only   | Fri, Mar 10, 2017Updated support for Oracle Java SE JDK 8, update 101 latest patch level (64-bit).   |
| COMPONENT: OS: PPM Application Server   | COMPONENT: Server: Jaspersoft Reports  |
| Fri, Aug 26, 2016No changes   | Fri, Mar 10, 2017Added support for Apache Tomcat 7.0.70  |
| COMPONENT: Products Included  | Fri, Mar 10, 2017Continued support for Apache Tomcat 7.0.55 (no changes)   |
| Fri, Aug 26, 2016No changes   | Fri, Mar 10, 2017No changes for GA; after the initial GA release of 15.2.0, Jaspersoft 6.2.1 patch was issued and then in March 2018, the Jaspersoft 6.4.2 maintenance release was issued. |
| No changes  | COMPONENT: Server: PPM Application   |
| COMPONENT: Server Java Runtime  | Fri, Mar 10, 2017Updated support for Apache Tomcat 8.5.9.  |
| Updated support for Oracle Java SE JDK 8, update 91 latest patch level (64 bit).  |  |
| Fri, Aug 26, 2016Updated support for Oracle Java SE JDK 8, update 91 latest patch level (64-bit)  |  |
| COMPONENT: Server: Jaspersoft Reports   |  |
| Fri, Aug 26, 2016Added support for Jaspersoft 6.2.1   |  |
| COMPONENT: Server: PPM Application  |  |
| Fri, Aug 26, 2016Updated support for Apache Tomcat 8.0.33   |  |
| Updated support for Apache Tomcat 8.0.33.   |  |

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| ca15.3   Component SpecificationChange History               |   |   |
| RELEASE: 15.3  |   | RELEASE: 15.4   |
| COMPONENT: CA Agile Central (formerly Rally)                 |   | COMPONENT: CA Agile Central (formerly Rally)  |
| Sat, Sep 8, 2018   | No changes  | Fri, Mar 9, 2018No changes  |
| COMPONENT: CA Clarity Mobile Time Manager                    |   | Fri, Mar 9, 2018No changes  |
| Sat, Sep 8, 2018   | Updated support for latest iOS and Android patch levels available at the time of release for CA Clarity Mobile Time Manager app only  | COMPONENT: Client Applications  |
| COMPONENT: Client Applications                               |   | Fri, Mar 9, 2018No changes  |
| Sat, Sep 8, 2018   | No changes  | Fri, Mar 9, 2018No changes  |
| COMPONENT: Client Browsers                                   |   | COMPONENT: Client Browsers  |
| Sat, Sep 8, 2018   | Updated support for new releases of Internet Explorer, Edge, Firefox, Chrome, and Safari browsers.  | Fri, Mar 9, 2018Dropped support for Internet Explorer 11 in the New User Experience   |
| COMPONENT: Database Server                                   |   | Fri, Mar 9, 2018Dropped support for Internet Explorer 11 in the New User Experience   |
| Sat, Sep 8, 2018   | Added support for Oracle 12c Release 2 and Microsoft SQL Server 2016 SP1  | Fri, Mar 9, 2018Updated support for new releases of Firefox, Edge, and Chrome browsers  |
| Sat, Sep 8, 2018   | Dropped support for Oracle 11.2.x and Microsoft SQL Server 2012   | Fri, Mar 9, 2018Updated support for new releases of Firefox, Edge, and Chrome browsers  |
| COMPONENT: Integrations                                      |   | COMPONENT: Database Server  |
| Mon, Dec 18, 2017  | Dropped support for integration with CA Agile Planning (formerly CA Agile Vision)   | Fri, Mar 9, 2018No changes  |
| Sat, Sep 8, 2018   | No changes  | Fri, Mar 9, 2018Updated footnote about possible performance issues in large virtual environments. Better virtual performance might be observed using RHEL or OEL. |
| COMPONENT: OS: Mobile OS for Clarity Mobile Time Manager app |   | COMPONENT: Integrations   |
| Sat, Sep 8, 2018   | Updated support for latest iOS and Android patch levels available at the time of release for this app only  | Tue, May 22, 2018Dropped support for SharePoint Integration   |
| COMPONENT: OS: PPM Application Server                        |   | Fri, Mar 9, 2018No changes  |
| Sat, Sep 8, 2018   | Added support for RHEL, Oracle Enterprise, and CentOS, server 7u1   | Fri, Mar 9, 2018No changes  |
| COMPONENT: Products Included                                 |   | COMPONENT: Network Protocols  |
| Sat, Sep 8, 2018   | No changes  | Fri, Mar 9, 2018Added certification for IPv6 Network Compatibility.   |
| COMPONENT: Report Server                                     |   | COMPONENT: OS   |
| Sat, Sep 8, 2018   | Added support for RHEL, Oracle Enterprise, and CentOS, server 7u1   | Fri, Mar 9, 2018No changes  |
| Sat, Sep 8, 2018   | Dropped support for Oracle 11.2.x and Microsoft SQL Server 2012   | COMPONENT: OS: Mobile OS for Clarity Mobile Time Manager app  |
| Sat, Sep 8, 2018   | JasperReports Server 6.2.1 patch 5.2.1.4.33 or higher required as of Sep 2017 for initial GA release; in Mar 2018, Jaspersoft 6.4.2 maintenance release was issued. After Jun 2018, CA PPM 15.3 only supports | Fri, Mar 9, 2018Updated support for the latest iOS and Android patch levels available at the time of release for CA Clarity Mobile Time Manager app only          |
| COMPONENT: Server Java Runtime                               |   | Fri, Mar 9, 2018Updated support for the latest iOS and Android patch levels available at the time of release for CA Clarity Mobile Time Manager app only          |
| Sat, Sep 8, 2018   | No changes  | COMPONENT: OS: PPM Application Server   |
| Sat, Sep 8, 2018   | Updated support for Oracle Java SE JDK 8 update 121 (64-bit) or higher patch level  | Fri, Mar 9, 2018Updated minimum supported Red Hat Enterprise Linux 64-bit version from 7u1 to 7u4   |
| COMPONENT: Server: Jaspersoft Reports                        |   | COMPONENT: Products Included  |
| Sat, Sep 8, 2018   | Jaspersoft: Continued support for Apache Tomcat 7.0.70 (no changes)   | Fri, Mar 9, 2018No changes  |
| Sat, Sep 8, 2018   | No changes for GA; however, after the initial GA release of 15.3.0 in 2017, in March 2018, the Jaspersoft 6.4.2 maintenance release was issued.   | Fri, Mar 9, 2018No changes  |
| COMPONENT: Server: PPM Application                           |   | COMPONENT: Server Java Runtime  |
| Sat, Sep 8, 2018   | CA PPM: Apache Tomcat 8.5.11 or higher patch level  | Fri, Mar 9, 2018Updated support for Oracle Java SE JDK 1.8.0_152 (64-bit) or higher patch level   |
|  |   | Fri, Mar 9, 2018Updated support for Oracle Java SE JDK 8 update 152 (64-bit) or higher patch level  |
|  |   | COMPONENT: Server: Jaspersoft Reports   |
|  |   | Fri, Mar 9, 2018Added support for JasperReports Server 6.4.2 or higher patch level  |
|  |   | Fri, Mar 9, 2018Dropped support for any previous release of JasperReports Server (6.4.2 required)   |
|  |   | Fri, Mar 9, 2018Dropped support for Oracle 11.2.x and Microsoft SQL Server 2012   |
|  |   | Fri, Mar 9, 2018Dropped support for Oracle 11.2.x and Microsoft SQL Server 2012   |
|  |   | Fri, Mar 9, 2018Jaspersoft: Continued support for Apache Tomcat 7.0.70 (no changes)   |
|  |   | Fri, Mar 9, 2018Updated support for Apache Tomcat 8.5.23 or higher patch level  |
|  |   | Fri, Mar 9, 2018Updated support for Oracle Java SE JDK 1.8.0_152 (64-bit) or higher patch level   |
|  |   | COMPONENT: Server: PPM Application  |
|  |   | Fri, Mar 9, 2018Updated support for Apache Tomcat 8.5.23 or higher patch level  |

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| <div><div>15.4.1   Component Specification <a href="#">Change History</a></div></div>   |   |
| RELEASE: <b>15.4.1</b>  | RELEASE: <b>15.5</b>  |
| COMPONENT: <b>Branding</b>  | COMPONENT: <b>Client Browsers</b>   |
| <div><div>Mon, Jun 4, 2018</div><div>Branding change from <i>New User Experience</i> to <i>Modern UX</i> in one location in the application. Branding changes are on hold due to the public acquisition of CA Technologies by Broadcom.</div></div> | <div><div>Mon, Sep 10, 2018</div><div>Updated support for new releases of Firefox, Edge, and Chrome browsers</div></div>  |
| COMPONENT: <b>CA Agile Central (formerly Rally)</b>   | COMPONENT: <b>Integrations</b>  |
| <div><div>Mon, Jun 4, 2018</div><div>No changes</div></div>   | <div><div>Mon, Sep 10, 2018</div><div>Dropped support for integrations with on-premise editions of CA Agile Central</div></div>   |
| COMPONENT: <b>Client Applications</b>   | COMPONENT: <b>OS: Mobile OS for Clarity Mobile Time Manager app</b>   |
| <div><div>Mon, Jun 4, 2018</div><div>No changes</div></div>   | <div><div>Mon, Sep 10, 2018</div><div>Updated support for the latest iOS and Android patch levels available at the time of release for the CA Clarity Mobile Time Manager app only</div></div>                |
| COMPONENT: <b>Client Browsers</b>   | COMPONENT: <b>OS: PPM Application Server</b>  |
| <div><div>Mon, Jun 4, 2018</div><div>Allowed admins to override messages; however, Internet Explorer 11 remains unsupported in the New User Experience.</div></div>   | <div><div>Mon, Sep 10, 2018</div><div>Added support for Microsoft Windows Server 1803</div></div>   |
| <div><div>Mon, Jun 4, 2018</div><div>Updated support for new releases of Firefox, Edge, and Chrome browsers</div></div>   | <div><div>Mon, Sep 10, 2018</div><div>Dropped support for Windows Server 2012 and 2012 R2 Standard and Datacenter</div></div>   |
| COMPONENT: <b>Database Server</b>   | <div><div>Thu, Sep 20, 2018</div><div>Restored support for Windows Server 2012 and 2012 R2 Standard and Datacenter</div></div>  |
| <div><div>Mon, Jun 4, 2018</div><div>No changes</div></div>   | <div><div>Mon, Sep 10, 2018</div><div>Updated support for Microsoft Windows Server 2016 Standard and Datacenter</div></div>   |
| COMPONENT: <b>Integrations</b>  | COMPONENT: <b>Products Included</b>   |
| <div><div>Tue, May 22, 2018</div><div>Dropped support for CA PPM integration with SharePoint Server</div></div>   | <div><div>Mon, Sep 10, 2018</div><div>No changes</div></div>  |
| COMPONENT: <b>OS</b>  | COMPONENT: <b>Server Java Runtime</b>   |
| <div><div>Mon, Jun 4, 2018</div><div>No changes</div></div>   | <div><div>Mon, Sep 10, 2018</div><div>Updated support for Java 8, update 171</div></div>  |
| COMPONENT: <b>OS: Mobile OS for Clarity Mobile Time Manager app</b>   | COMPONENT: <b>Server: Jaspersoft Reports</b>  |
| <div><div>Mon, Jun 4, 2018</div><div>Updated support for the latest iOS and Android patch levels available at the time of release for the CA Clarity Mobile Time Manager app only</div></div>   | <div><div>Mon, Sep 10, 2018</div><div>Updated support for JasperReports Server 6.4.2 available exclusively as <i>CA Business Intelligence Jaspersoft Reports Server 6.4.2_5.4.2.15 for CA PPM</i></div></div> |
| COMPONENT: <b>Products Included</b>   | <div><div>Mon, Sep 10, 2018</div><div>Updated support for Tomcat 8.5.31</div></div>   |
| <div><div>Mon, Jun 4, 2018</div><div>No changes</div></div>   | COMPONENT: <b>Server: PPM Application</b>   |
| COMPONENT: <b>Server Java Runtime</b>   | <div><div>Mon, Sep 10, 2018</div><div>Updated support for Tomcat 8.5.31</div></div>   |
| <div><div>Mon, Jun 4, 2018</div><div>Updated support for Java 8, update 161</div></div>   |   |
| COMPONENT: <b>Server: Jaspersoft Reports</b>  |   |
| <div><div>Mon, Jun 4, 2018</div><div>Updated support for Tomcat 8.5.28</div></div>  |   |
| COMPONENT: <b>Server: PPM Application</b>   |   |
| <div><div>Mon, Jun 4, 2018</div><div>Updated support for Tomcat 8.5.28</div></div>  |   |



| RELEASE: 15.5.0.1  |  | RELEASE: 15.5.1  |   |
|--|--|--|---|
| COMPONENT: OS: Mobile OS for Clarity Mobile App 3.0          |  | COMPONENT: Client Applications   |   |
| Fri, Dec 7, 2018   | Introduced support for iOS 10 or higher and Android OS 6.0 or higher | Mon, Dec 3, 2018   | Added support for Visual Studio 2017      |
|  |  | Mon, Dec 3, 2018   | Dropped support for Microsoft Office 2013 |
| COMPONENT: Integrations                                      |  |  |   |
| Mon, Dec 3, 2018   |  | Dropped support for Apache Axis2   |   |
| COMPONENT: OS: Mobile OS for Clarity Mobile App 3.0          |  |  |   |
| Fri, Dec 7, 2018   |  | Introduced support for iOS 10 or higher and Android OS 6.0 or higher   |   |
| COMPONENT: OS: Mobile OS for Clarity Mobile Time Manager app |  |  |   |
| Mon, Dec 3, 2018   |  | Updated support for the latest iOS and Android patch levels available at the time of release for the CA Clarity Mobile Time Manager app only   |   |
| COMPONENT: OS: PPM Application Server                        |  |  |   |
| Mon, Dec 3, 2018   |  | Updated support for RHEL 7u5   |   |
| Mon, Dec 3, 2018   |  | Updated support for Windows Server 1809  |   |
| COMPONENT: Products Included                                 |  |  |   |
| Mon, Dec 3, 2018   |  | No changes   |   |
| COMPONENT: Server Java Runtime                               |  |  |   |
| Mon, Dec 3, 2018   |  | Dropped support for JDK 8.0 and JRE 1.8  |   |
| Mon, Dec 3, 2018   |  | Updated support for Java 18.9 (JDK 11)   |   |
| COMPONENT: Server: Jaspersoft Reports                        |  |  |   |
| Mon, Dec 3, 2018   |  | Added support for Windows Server 2016 Standard or Datacenter   |   |
| Mon, Dec 3, 2018   |  | Certified support for Tomcat 8.5.30 with Jaspersoft 7.1  |   |
| Mon, Dec 3, 2018   |  | Dropped support for Tomcat 8.5.31 with Jaspersoft 7.1 due to performance issues  |   |
| Mon, Dec 3, 2018   |  | Introduced support for JasperReports Server 7.1 available exclusively as CA Business Intelligence Jaspersoft Reports Server 7.1.0_6.1.0.28 for CA Clarity PPM on report servers running Tomcat 8.5.30 with |   |
| Mon, Dec 3, 2018   |  | Updated support for JasperReports Server 6.4.2 available exclusively as CA Business Intelligence Jaspersoft Reports Server 6.4.2_5.4.2.15 for CA PPM   |   |
| COMPONENT: Server: PPM Application                           |  |  |   |
| Mon, Dec 3, 2018   |  | Updated support for Tomcat 8.5.33  |   |



| RELEASE: 15.6  |   | RELEASE: All Releases                 |   |
|--|---|---------------------------------------|---|
| COMPONENT: Integrations                                    |   | COMPONENT: Client Browsers            |   |
| Mon, Mar 11, 2019  | No changes  | Thu, Mar 14, 2019                     | Dropped support for any Internet Explorer 11 release below 11.967.16299   |
| COMPONENT: OS: Mobile OS for Clarity Mobile App 2.0 or 3.0 |   | Thu, Mar 14, 2019                     | Updated support for Internet Explorer 11.967.16299 [Classic PPM only (Without Phoenix UI)]  |
| Mon, Mar 11, 2019  | Updated support for the latest iOS and Android patch levels available at the time of release for CA Clarity Mobile Time Manager app 2.0 or Clarity Mobile app 3.0 | COMPONENT: Integrations               |   |
| COMPONENT: OS: PPM Application Server                      |   | Fri, Aug 10, 2018                     | Dropped support for the integration of any release of CA PPM with any <i>on-premise</i> edition of CA Agile Central (Rally); CA PPM and CA Agile Central SaaS integrations are recommended. |
| Mon, Mar 11, 2019  | Added support for Microsoft Windows Server 2019   | Tue, May 29, 2018                     | Dropped support for the integration of any release of CA PPM with any version of SharePoint (grace period for support of existing integrations ends May 31, 2019)                           |
| COMPONENT: Products Included                               |   | COMPONENT: Server: Jaspersoft Reports |   |
| Mon, Mar 11, 2019  | No changes  | Thu, Jun 28, 2018                     | Dropped support for JasperReports 6.2.1   |
| COMPONENT: Server Java Runtime                             |   |                                       |   |
| Mon, Mar 11, 2019  | Updated support for Java 11.0.1   |                                       |   |
| COMPONENT: Server: Database                                |   |                                       |   |
| Mon, Mar 11, 2019  | No changes  |                                       |   |
| COMPONENT: Server: Jaspersoft Reports                      |   |                                       |   |
| Mon, Mar 11, 2019  | Certified support for Tomcat 8.5.30 with Jaspersoft 7.1 due to performance issues with Tomcat 8.5.31  |                                       |   |
| Mon, Mar 11, 2019  | Dropped support for JasperReports Server 6.4.2  |                                       |   |
| Mon, Mar 11, 2019  | Updated support for JasperReports Server 7.1 available exclusively as CA Business Intelligence Jaspersoft Reports Server 7.1 for CA Clarity PPM                   |                                       |   |
| COMPONENT: Server: PPM Application                         |   |                                       |   |
| Mon, Mar 11, 2019  | No changes  |                                       |   |