

**Software Product Compatibility Reports Related Software** 

# Continuous Delivery Product Cúram Social Program **Management 8.0.2 CD**



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# Prerequisites

The Prerequisites section specifies the capabilities that Cúram Social Program Management 8.0.2 CD requires, and the prerequisite products that can be used to fulfill those capabilities.

Deployment Unit Support

Full

Partial

None

#### Capabilities

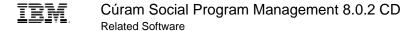
Installation

#### Installation

### Summary

The supported platforms for the IBM Cúram SPM installers are Linux and Windows.

Prerequisite	Version	Prerequisite minimum	Components	Operating system restrictions?	Notes?
IBM Runtime Environment, Java Technology Edition	8	8	•	No	(2)
Oracle Java SDK/JRE/JDK	8.0 and future fix packs	8.0	•	No	(1)



# IBM Runtime Environment, Java Technology Edition 8

#### Deployment units

Server



#### Oracle Java SDK/JRE/JDK 8.0 and Future Fix Packs

Deployment units

Server

Deployment unit	8.0	Future Versions, Releases	Future Fix Packs
Server	(1)	8	•

### **Installation Notes**

- 1. The base version of the Oracle Java 8 JDK is sufficient.
- 2. The base version of the IBM JDK 8 is sufficient.



# Supported software

The Supported Software section specifies the additional software that Cúram Social Program Management 8.0.2 CD supports.

# Capabilities

Accessibility Application Servers Databases Reporting and Analysis Web Browser Plug-Ins Development Tools Web Browsers

# Deployment Unit Support

Full

Partial

None

### **Accessibility**

### Summary

Supported software	Version	Supported software minimum	Components	Operating system restrictions?	Notes?
Apple VoiceOver	Any Version and future fix packs	Any Version	•	No	(1)
Freedom Scientific JAWS screen reader	2020 and future fix packs	2020	•	No	(2)

# Apple VoiceOver Any Version and Future Fix Packs

Deployment units

Server

Deployment unit	Any Version	Future Versions, Releases	Future Fix Packs
Server	(1)	8	•

#### Freedom Scientific JAWS screen reader 2020 and Future Fix Packs

Legend: Supported S Not supported

#### Deployment units

Server

Deployment unit	2020	Future Versions, Releases	Future Fix Packs
Server	(2)	8	•



### **Accessibility Notes**

- 1. Accessibility on tablet: the combination of Google Chrome 100 and VoiceOver on iPad with iOS 15.4 is the certified combination with VoiceOver
- 2. The combination of Microsoft Edge and JAWS 2020 is the only certified screen reader and browser combination. See the Curam Accessibility User Guide manual for supported text resizing and browser zoom settings.



# **Application Servers**

# Summary

The prerequisites for the application servers listed below should be consulted to determine the supported platforms for each.

Supported software	Version	Supported software minimum	Components	Operating system restrictions?	Notes?
Oracle WebLogic Server 12cR2	(12.2.1) and future fix packs	(12.2.1)	•	No	(4)
Oracle WebLogic Server 14c	(14.1.1.0. and future fix packs	(14.1.1.0.0)	•	No	(3)
WebSphere Application Server	9.0.5	9.0.5	•	No	(1)
WebSphere Application Server Network Deployment	9.0.5	9.0.5	•	No	(2)
WebSphere Application Server for z/OS	9.0.5	9.0.5	•	No	(2)

# Oracle WebLogic Server 12cR2 (12.2.1) and Future Fix Packs

Deployment units

Server

Deployment unit	(12.2.1)	Future Versions, Releases	Future Fix Packs
Server	(4)	8	•

# Oracle WebLogic Server 14c (14.1.1.0.0) and Future Fix Packs

Deployment units

Server

Deployment unit	(14.1.1.0.0)	Future Versions, Releases	Future Fix Packs
Server	(3)	8	<b>Ø</b>



# WebSphere Application Server 9.0.5

Legend:

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Supported



Not supported

#### Deployment units

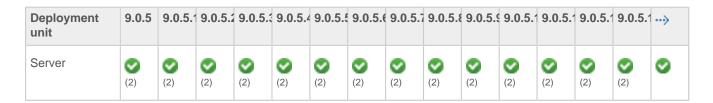


Deployment unit	9.0.5	9.0.5.1	9.0.5.2	9.0.5.3	9.0.5.4	9.0.5.5	9.0.5.6	9.0.5.7	9.0.5.8	9.0.5.9	9.0.5.1	9.0.5.	9.0.5.1	9.0.5.1	>
Server	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	<b>②</b>



Deployment units

Server



# WebSphere Application Server for z/OS 9.0.5

#### Deployment units

Server

Deployment unit	9.0.5	9.0.5.1	9.0.5.2	9.0.5.3	9.0.5.4	9.0.5.5	9.0.5.6	9.0.5.7	9.0.5.8	9.0.5.9	9.0.5.1	9.0.5.	9.0.5.1	9.0.5.1	•••>
Server	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	<b>②</b>

#### **Application Servers Notes**

- See the WebSphere Application Server product site for necessary configuration information on this product.
   The JDK (Java Development Kit) version 8 (and future fix packs) supplied with the WebSphere Application Server installation is supported. Container and Kubernetes platforms are not supported.
- 2. See the WebSphere Application Server product site for necessary configuration information on this product. The JDK (Java Development Kit) version 8 (and future fix packs) supplied with the WebSphere Application Server installation is supported. Container and Kubernetes platforms are not supported.
- 3. See the Oracle WebLogic Server product site for necessary configuration information on this product. The JDK (Java Development Kit) version 8 (and future fix packs) is supported. Note: Oracle Database is the only database which is supported for usage in combination with Oracle WebLogic Server. Container and Kubernetes platforms are not supported.
- 4. See the Oracle WebLogic Server product site for necessary configuration information on this product. The JDK (Java Development Kit) is supported and is forward compatible with higher JDK versions as supported by WebLogic Server. Note: Oracle Database is the only database which is supported for usage in combination with Oracle WebLogic Server. Container and Kubernetes platforms are not supported.



#### **Databases**

# Summary

The prerequisites for the specified databases should be consulted to determine the supported platforms for each.

Supported software	Version	Supported software minimum	Components	Operating system restrictions?	Notes?
DB2 Enterprise Server Edition	11.1.0	11.1.0	•	No	(4)
	11.5.5.0	11.5.5.0	•	No	(1)
	11.5.6.0	11.5.6.0	•	No	(1)
	11.5.7.0	11.5.7.0	•	No	(1)
	11.5.8.0	11.5.8.0	•	No	(1)
DB2 Workgroup Server Edition	11.1.0	11.1.0	•	No	(5)
Db2 for z/OS	12.1	12.1	•	No	(2)
H2 Database	1.3	1.3.176	•	No	(3)
IBM Db2 Advanced Enterprise Server Edition	11.1.0	11.1.0	•	No	(4)
	11.5.5.0	11.5.5.0	•	No	(1)
	11.5.6.0	11.5.6.0	•	No	(1)
	11.5.7.0	11.5.7.0	•	No	(1)

Supported software	Version	Supported software minimum	Components	Operating system restrictions?	Notes?
	11.5.8.0	11.5.8.0	•	No	(1)
IBM Db2 Standard Edition VPC Option	11.5.5.0	11.5.5.0	•	No	(5)
	11.5.6.0	11.5.6.0	•	No	(5)
	11.5.7.0	11.5.7.0	•	No	(5)
	11.5.8.0	11.5.8.0	•	No	(5)
Oracle Database 19c	(19.3) and future fix packs	(19.3)	•	No	(5)
	(19.3) Enterprise Edition and future fix packs	(19.3) Enterprise Edition	•	No	(6)

# DB2 Enterprise Server Edition 11.1.0

#### Deployment units

Server

Deployment unit	11.1.0	>
Server	(4)	•

# DB2 Enterprise Server Edition 11.5.5.0

#### Deployment units

Server

Deployment unit	11.5.5.0	11.5.5.1	>
Server	(1)	(1)	•

# DB2 Enterprise Server Edition 11.5.6.0

#### Deployment units

Server

Deployment unit	11.5.6.0	>
Server	(1)	•

# DB2 Enterprise Server Edition 11.5.7.0

**Legend:** Supported Not supported

#### Deployment units

Server

Deployment unit	11.5.7.0	>
Server	(1)	•

# DB2 Enterprise Server Edition 11.5.8.0

**Legend:** Supported Not supported

#### Deployment units

Server

Deployment unit	11.5.8.0	>
Server	(1)	•

# DB2 Workgroup Server Edition 11.1.0

#### Deployment units

Server

Deployment unit	11.1.0	>
Server	(5)	•

# Cúram Social Program Management 8.0.2 CD Related Software

Db2 for z/OS 12.1

Deployment units

Server

Deployment unit	12.1	12.1.0.5	12.1.0.5	12.1.0.5	12.1.0.5	12.1.0.5	12.1.0.5	12.1.0.5	12.1.0.5	12.1.0.5	12.1.0.5	···>
Server	<b>S</b>	•	<b>S</b>	<b>②</b>	<b>②</b>	<b>S</b>	<b>S</b>	<b>②</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>2</b>
	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	

# Cúram Social Program Management 8.0.2 CD Related Software

#### H2 Database 1.3

#### Deployment units

Server

Deployment unit	1.3	1.3.170	1.3.176	Future Versions, Releases	Future Fix Packs
Server	8	8	(3)	8	•

# IBM Db2 Advanced Enterprise Server Edition 11.1.0

**Legend:** Supported ⋈ Not supported

#### Deployment units

Server

Deployment unit	11.1.0	>
Server	(4)	•

# IBM Db2 Advanced Enterprise Server Edition 11.5.5.0

#### Deployment units

Server

Deployment unit	11.5.5.0	11.5.5.1	>
Server	(1)	(1)	•

# IBM Db2 Advanced Enterprise Server Edition 11.5.6.0

**Legend:** Supported ⋈ Not supported

#### Deployment units

Server

Deployment unit	11.5.6.0	>
Server	(1)	•

# IBM Db2 Advanced Enterprise Server Edition 11.5.7.0

**Legend:** Supported ⋈ Not supported

#### Deployment units

Server

Deployment unit	11.5.7.0	>
Server	(1)	•

# IBM Db2 Advanced Enterprise Server Edition 11.5.8.0

#### Deployment units

Server

Deployment unit	11.5.8.0	>
Server	(1)	•

# IBM Db2 Standard Edition VPC Option 11.5.5.0

#### Deployment units

Server

Deployment unit	11.5.5.0	11.5.5.1	>
Server	(5)	(5)	<b>o</b>

# IBM Db2 Standard Edition VPC Option 11.5.6.0

#### Deployment units

Server

Deployment unit	11.5.6.0	>
Server	(5)	•

# IBM Db2 Standard Edition VPC Option 11.5.7.0

#### Deployment units

Server

Deployment unit	11.5.7.0	··>
Server	(5)	•

# IBM Db2 Standard Edition VPC Option 11.5.8.0

#### Deployment units

Server

Deployment unit	11.5.8.0	>
Server	(5)	•

# Oracle Database 19c (19.3) and Future Fix Packs

#### Deployment units

Server

Deployment unit	(19.3)	Future Versions, Releases	Future Fix Packs
Server	(5)	8	•

# Oracle Database 19c (19.3) Enterprise Edition and Future Fix Packs

Deployment units

Server

Deployment unit	(19.3) Enterprise Edition	Future Versions, Releases	Future Fix Packs
Server	(6)	8	•



#### **Databases Notes**

- 1. Reporting: SPM Reporting and Analytics is supported on DB2 version 11.5.5.0 and future fix packs, mod levels and their fix packs. - The SPM data warehouse can be built on this version of DB2. - Reporting ETLs can be built using a technology compatible with this version of DB2. Database-as-a-Service is not supported. Container and Kubernetes Platforms are not supported.
- 2. When using SPM with Db2 for z/OS, the provided db2jcc4.jar file in the \$CURAMSDEJ/drivers folder is used to access Db2 for z/OS whether access is local to z/OS or via a remote deployment. However, the level of Db2 for z/OS may have dependencies with the client JDBC driver level; therefore, see the IBM Data Server Driver for JDBC and SQLJ versions and DB2 for z/OS APARs page for supported Db2 and JDBC levels. Database-as-a-Service is not supported. Container and Kubernetes Platforms are not supported.
- 3. H2 is only supported for use in the development environment to aid application design, development and testing. The supported platforms are Windows 10. H2 is not supported for use with IBM Websphere Application Server or Oracle WebLogic Server. Please see the H2 site for further information and technical support.
- 4. Reporting: SPM Reporting and Analytics is supported on DB2 version 11.1. The SPM data warehouse can be built on this version of DB2. - Reporting ETLs can be built using a technology compatible with this version of DB2. Database-as-a-Service is not supported. Container and Kubernetes Platforms are not supported.
- 5. Database-as-a-Service is not supported. Container and Kubernetes Platforms are not supported.
- 6. Reporting: Only the Enterprise Edition of Oracle Database 19c is supported for Curam Reporting. See the Oracle Database product site for certified configuration information on this product. - Curam Reporting has been certified against the following Oracle versions: •Oracle 19c as a source database hosting the Curam Application database. •Oracle 19c as a target database hosting Reporting database(s). Database-as-a-Service is not supported. Container and Kubernetes Platforms are not supported.



## **Development Tools**

### Summary

Although technical support is not provided for any Integrated Development Environment (IDE) it should be possible to use any Java IDE for development. Support for IDEs should be sought from the relevant software vendor. The following lists those IDEs which have been tested, and the use of which is described in documentation. It should also be noted that the development of the application is restricted to the Windows platform (Windows 7 and 10) and the tools listed below have only been tested on that platform.

Supported software	Version	Supported software minimum	Components	Operating system restrictions?	Notes?
Apache Ant	1.10.6 and future fix packs	1.10.6	•	No	(1)
Eclipse	4.18 and future fix packs	4.18	•	No	(2)
Rational Software Architect Designer	9.5	9.5.0.1	•	No	(3)

# Apache Ant 1.10.6 and Future Fix Packs

#### Deployment units

Server

Deployment unit	1.10.6	Future Versions, Releases	Future Fix Packs
Server	(1)	8	•

# Eclipse 4.18 and Future Fix Packs

#### Deployment units

Server

Deployment unit	4.18	Future Versions, Releases	Future Fix Packs
Server	(2)	8	•

# Rational Software Architect Designer 9.5

#### Deployment units

Server

Deployment unit	9.5	9.5.0.1	9.5.0.2	9.5.0.3	··>
Server	8	(3)	(3)	(3)	•



## **Development Tools Notes**

- 1. Please note that only Apache Ant 1.10.6 is supported. Associated fix packs are not.
- 2. Eclipse 4.18.0 and higher maintenance releases . Servlet Containers/Application Servers: Apache Tomcat 9.0.50, with Eclipse Tomcat Plugin 9.0.1. Java SE: IBM and Oracle Java SE JDK 8.0 and higher updates. Java EE: Oracle Java EE 6 and 7 and higher updates.
- 3. Supported as a Modeling Environment. Servlet Containers/Application Servers: Apache Tomcat 9.0.50, with Eclipse Tomcat Plugin 9.0.1. Java SE: IBM and Oracle Java SE JDK 8.0 and higher updates. Java EE: Oracle Java EE 6 and 7 and higher updates.



# **Reporting and Analysis**

# Summary

Supported software	Version	Supported software minimum	Components	Operating system restrictions?	Notes?
Eclipse Business Intelligence and Reporting Tools	4.8.0 and future fix packs	4.8.0	•	No	(1)

# Eclipse Business Intelligence and Reporting Tools 4.8.0 and Future Fix Packs

Deployment units

Server

Deployment unit	4.8.0	Future Versions, Releases	Future Fix Packs
Server	(1)	8	0



1. BIRT (Business Intelligent and Reporting Tools) is an (Eclipse) open source component which provides a development and execution environment for Curam Business Intelligence (BI) content. The use of a second Eclipse instance for BIRT development is recommended as standard Curam development often requires an Eclipse version that is not compatible with the certified BIRT development environment. See the Third Party Tools Guide and BIRT Developer Guide which provide a full explanation. Curam uses the all-in-one installation. For more information please see BIRT versions and platform support



# **Web Browser Plug-Ins**

# Summary

Supported software	Version	Supported software minimum	Components	Operating system restrictions?	Notes?
Adoptium OpenJDK	8 and future fix packs	8	•	No	(3)
Microsoft Word	2013 and future fix packs	2013	•	No	(2)
	2016 and future fix packs	2016	•	No	(2)
	2019 and future fix packs	2019	•	No	(2)
Oracle Java SDK/JRE/JDK	8.0 and future fix packs	8.0	•	No	(1)

# Adoptium OpenJDK 8 and Future Fix Packs

Deployment units

Server

Deployment unit	8	Future Versions, Releases	Future Fix Packs
Server	(3)	8	•

#### Microsoft Word 2013 and Future Fix Packs

#### Deployment units

Server

Deployment unit	2013	Future Versions, Releases	Future Fix Packs
Server	(2)	8	•

#### Microsoft Word 2016 and Future Fix Packs

#### Deployment units

Server

Deployment unit	2016	Future Versions, Releases	Future Fix Packs
Server	(2)	8	<b>O</b>

#### Microsoft Word 2019 and Future Fix Packs

#### Deployment units

Server

Deployment unit	2019	Future Versions, Releases	Future Fix Packs
Server	(2)	8	<b>Ø</b>

## Oracle Java SDK/JRE/JDK 8.0 and Future Fix Packs

#### Deployment units

Server

Deployment unit	8.0	Future Versions, Releases	Future Fix Packs
Server	(1)	8	•

# Web Browser Plug-Ins Notes

- 1. Oracle JRE 8.0 is required for Microsoft Word Integration. JRE 8.0 the most recently released version tested is JRE 1.8 u331. Available as a free download from here.
- 2. Required for creating and editing Curam communication documents in Microsoft Word format.
- 3. JRE 8.0 is required for Microsoft Word Integration. Available as a free download from here.



#### **Web Browsers**

#### Summary

Standard Browser Support It should be noted that while every effort is made to ensure that the pages specified for the internal case worker application use standard web technologies and formats which should be compatible with all browsers, the browsers identified in the associated notes are the only ones officially supported. Universal Access Browser Support Universal Access has been specifically developed for public facing applications. Therefore browser support has been extended in this area. It should be noted that while every effort is made to ensure that the pages specified for the Universal Access application uses standard web technologies and formats which should be compatible with all browsers, the browsers listed in the notes are the only ones officially supported. Other Notes: The set of browsers listed below are not certified for support on tablet devices. The minimum recommended resolution is 1366x768. The optimum DPI setting is Normal size. Chrome, Firefox, Edge and Safari release new versions frequently and install updates automatically by default. IBM Curam Social Program Management releases (V.R.M.F releases only) are generally tested on the latest version (for Chrome and Edge, stable releases only) of these browsers available at the start of the development cycle; if tested with no issues IBM will certify that version. The pre-requisites advise the version that is certified at each new product release. If for any reason, IBM Curam Social Program Management are unable to certify for that version, it may be necessary to revert back to a version that is previously fully certified. While IBM will support customers on newer versions of these browsers than the last certified version, they should understand that they have not been fully tested.

Supported software	Version	Supported software minimum	Components	Operating system restrictions?	Notes?
Apple Safari	15 and future fix packs	15	•	No	(2)
Google Chrome	100 and future fix packs	100	•	No	(1)
Microsoft Edge	100 and future fix packs	100	•	No	(3)
Mozilla Firefox	99 and future fix packs	99	•	No	(2)

# Apple Safari 15 and Future Fix Packs

#### Deployment units

Server

Deployment unit	15	Future Versions, Releases	Future Fix Packs
Server	(2)	8	•

# Google Chrome 100 and Future Fix Packs

#### Deployment units

Server

Deployment unit	100	Future Versions, Releases	Future Fix Packs
Server	(1)	8	•

# Microsoft Edge 100 and Future Fix Packs

**Legend:** Supported ⋈ Not supported

#### Deployment units

Server

Deployment unit	100	Future Versions, Releases	Future Fix Packs
Server	(3)	8	<b>Ø</b>

#### Mozilla Firefox 99 and Future Fix Packs

#### Deployment units

Server

Deployment unit	99	Future Versions, Releases	Future Fix Packs
Server	(2)	8	•

#### Web Browsers Notes

- 1. This browser is supported for both the Universal Access and Case Worker applications. Note the Microsoft Word Integration feature is supported for this browser in the Case Worker application. Arabic (RTL) is supported in this browser for the Case Worker Application.
- 2. This browser is supported for the Universal Access application only.
- 3. This browser is supported for both the Universal Access and Case Worker applications. Note the Microsoft Word Integration feature is supported for this browser in the Case Worker application. Arabic (RTL) is supported in this browser for the Case Worker Application.



# Glossary

#### **Deployment unit**

**Deployment Structure** identifies pieces of a product that can be independently deployed onto one or more machines in a distributed infrastructure.

- The top level of the deployment structure consists of one or more deployment units. There are four possible deployment units that a product might support: Desktop, Server, Agent or client, Mobile.
- Deployment units may be further divided into deployable components

**Desktop** deployment unit: Part of the deployment structure intended for use by a single user, typically installed on the user desktops. Examples of desktop deployment units include development tools, administrative tools, stand-alone business applications.

**Server** deployment unit: Part of the deployment structure that can provide services to multiple clients, providing the server in a client-server architecture. Examples of server deployment units include application servers, management servers, database servers and server-based business applications.

**Agent or client** deployment unit: Part of the deployment structure that allows remote connection between software. Examples of agent of client deployment units include agents in management system that are installed in the same tier as the managed resources, a remote application, or database clients that are installed with the software accessing the remote services.

**Mobile** deployment unit: Part of the deployment structure intended for use by a single user, typically installed on a mobile device. An example of a mobile deployment unit is a mobile application.

# Prerequisite minimum

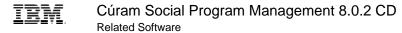
The minimum maintenance level that is required for the prerequisite to work with the product.

#### **Product minimum**

The minimum maintenance level that is required for the product to run on the operating system, on an hypervisor, or work with a prerequisite product or supported software.

# Supported software minimum

The minimum maintenance level that is required for the supported software to work with the product.



Long Term Support Release	A Long Term Support Release is a recommended product level for which support, including defect and security updates, will be provided over a specified period of time.
Continuous Delivery Product	A Continuous Delivery Product delivers new function to clients more frequently.
Continuous Delivery Product - Long Term Support Release	A Continuous Delivery Product delivers new function to clients more frequently. Since frequent releases may not be suitable for all client environments, Long Term Support Releases provide a package that will be supported for a longer period of time.



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