

Unify Product Java Dependencies Overview

Version 2019-07-15

Unify Product Java Dependencies

Introduction

Since January 2019, Oracle Java SE 8 public updates are no longer available for “business, commercial or production use” without a commercial license.

Oracle’s new Java subscription price list replaces previously available licenses and now provides a combined license and support subscription.

This enables commercial customers to gain access to continued support of Java beyond January 2019 as well as critical security patches.

Please find more details here:

- [Oracle Java SE Subscription FAQ](#)
- [Oracle Java SE Support Roadmap](#)
- [Oracle Java SE Subscription Global Price List](#) (August 3, 2018)

This overview outlines for all Unify portfolio elements whether they are affected by the Oracle Java Subscription or not.

Notes & Outlook:

- Our R&D departments have worked and are still working on the further product planning for each affected product – to come up with a timeline/release planning outlining when there will no longer be the need to use Oracle Java.
- Such a roadmap statement is already included for most of the products in this overview document – for others this will be delivered in addition, provided as a document update in the [Experts Wiki](#).
- Any roadmap-related statement contains forward looking information that is subject to change without notice.
- This overview will be updated every quarter – to outline the latest status and especially to confirm when a new version has been released without the need to use Java from Oracle.

Unify Product Java Dependencies

Circuit

Circuit						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
Circuit Backend Services V1	IBM JRE 8	JRE provided	No	x		
Circuit Clients V1	–	–	No			No Java used
Circuit Extensions V1	–	–	No			No Java used
Circuit SDKs V1	–	–	No			No Java used

Unify Product Java Dependencies

OpenScape 4000 (I)

OpenScape 4000 (I)						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape 4000 V7 / V8	IBM JRE 7	JRE provided	No	x		
Admin-Client for OpenScape 4000 V7 / V8	Oracle JRE 8	JRE required	Yes		x	For V10 R1 (plan date: Q2/2021) it is planned to remove the dependency on Java Applet technology and to offer a pure web-based variant.
OpenScape 4000 Manager V7 / V8	IBM JRE 7	JRE provided	No	x		
Admin-Client for OpenScape 4000 Manager V7 / V8	Oracle JRE 8	JRE required	Yes		x	For V10 R1 (plan date: Q2/2021) it is planned to remove the dependency on Java Applet technology and to offer a pure web-based variant.
OpenScape Cordless E V7	–	–	No			No Java used
OpenScape Cordless IP V2	–	–	No			No Java used

Unify Product Java Dependencies

OpenScape 4000 (II)

OpenScape 4000 (II)						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
HiPath CAP V3 R0 (Common Application Platform)	Oracle JRE 8	JRE required	Yes	x		Plan is to replace Oracle JRE 8 with IBM JRE 8 and to deliver it. Expected release date is H2/2019.
HiPath DS-Win V4 R6 (Directory Service)	IBM JRE 8	JRE provided	No	x		
HiPath AC-Win V3 R1 (Attendant Console)	–	–	No			No Java used
HiPath BLF-Win V3 R0 (Belegt-Lampenfeld)	–	–	No			No Java used
HiPath DTB V9 R0 (DisplayTelephoneBook)	–	–	No			No Java used

Unify Product Java Dependencies

OpenScape Alarm Response

OpenScape Alarm Response						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Alarm Response V4 R1 <ul style="list-style-type: none">OScAR ProfessionalOScAR Economy	–	–	No			No Java used

Unify Product Java Dependencies

OpenScape Business

OpenScape Business						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Business S V2 R6	IBM JRE 7	JRE provided	No	x		
OpenScape Business X V2 R6	Azul JRE 8	JRE provided	No	x		
myPortal@Work	–	–	No			No Java used
myPortal for Desktop V2 R6	Azul JRE 8 or Oracle JRE 8	JRE required	(see notes →)		x	It is up to the customer to decide whether to install the Azul or the Oracle JRE.
myAttendant V2 R6	Azul JRE 8 or Oracle JRE 8	JRE required	(see notes →)		x	It is up to the customer to decide whether to install the Azul or the Oracle JRE.
Application Launcher V2 R6	Azul JRE 8 or Oracle JRE 8	JRE required	(see notes →)		x	It is up to the customer to decide whether to install the Azul or the Oracle JRE.

Unify Product Java Dependencies

OpenScape Business

OpenScape Business					
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client
OpenScape Business S V2 R6	IBM JRE 7	JRE provided	No	x	
OpenScape Business X V2 R6	Azul JRE 8	JRE provided	No	x	
myPortal@Work	–	–	No		
myPortal for Desktop V2 R6	Azul JRE 8 or Oracle JRE 8	JRE required	(see notes →)		x
myAttendant V2 R6	Azul JRE 8 or Oracle JRE 8	JRE required	(see notes →)		x
Application Launcher V2 R6	Azul JRE 8 or Oracle JRE 8	JRE required	(see notes →)		x

OpenScape Business (Client/Desktop Side)

- As an alternative to the supported ORACLE Java we recommend the use of the free OpenJDK V8.
- This is available in the various applications, e.g. 32bit, 64bit etc., and can be downloaded from <https://www.azul.com/downloads/zulu/> for example.
- Please follow the instructions of the OpenJDK installation guide.
- OpenJDK V8 will be supported as of OpenScape Business V2 R6 FixRelease 1, which has been released on the 31st of December 2018.
- INFO: Continuous use of the existing Oracle Java with OpenScape Business does not require any change. If a change of the Java version is required (for example upgrade from Oracle Java 7 to Oracle Java 8 or to OpenJDK V8) then a reinstallation of the communication client is required.
- Using OSBiz UC Client alternatives like myPortal for Outlook or myPortal @work.
- Please find more details in the OpenScape Business Sales Information, Issue 1.17 (Dec 04th, 2018)

Unify Product Java Dependencies

OpenScape Contact Center

OpenScape Contact Center						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Contact Center V9 R3	Oracle JRE 8	JRE required	Yes	x		For V10 R0 an IBM JRE 8 will be delivered with the product. General Availability for V10 R0 is planned for Aug 05 th , 2019.
OpenScape Contact Center Agent Portal Java V9 R3 OpenScape Contact Center Supervisor Java Client V9 R3	Oracle JRE 8	JRE required	Yes		x	If you do not intend to purchase Oracle Java SE licenses to get Java support for Agent Portal Java, use Agent Portal Web / Supervisor Web Client which are browser-based and do not require Java (see below).
OSCC Agent Portal Web V9 R3 OSCC Supervisor Web Client V9 R3	–	–	No		x	No Java used Agent Portal Web is available in current releases (OSCC V9 R2 and OSCC V9 R3 which has been released on Dec 21 st , 2018). <ul style="list-style-type: none"> With OpenScape Contact Center V10 R0 support for all medias will now be available (main gap was the open media channel which will now be covered in V10 R0 planned for release end of July 2019). Smaller gaps/features - support for agent to agent/supervisor chat, team bar and speed bar - are planned for H2/2019. Supervisor Web Client is available in the current release OSCC V9 R3.
OpenScape CMS V9 R3 (Contact Media Services)	IBM JRE 8	JRE provided	No	x		

Unify Product Java Dependencies

OpenScape Contact Center Extensions

OpenScape Contact Center Extensions						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Contact Center Extensions V3 R1	Oracle JRE 8	JRE required	Yes	x	x	<p>Desktop side:</p> <ul style="list-style-type: none">OSCC Extensions V3 R1 requires Oracle Java SE V8 in case AgentDesktop Web or AgentRealTime Viewer Web have been installed (as seen above for OSCC Agent Portal Java). <p>Server side:</p> <ul style="list-style-type: none">OSCC Extensions V3 R1 requires Oracle Java SE 8 on the server side for all components. <p>OSCC Extensions will be phased out in 2019. Target dates are:</p> <ul style="list-style-type: none">M4 Phase-out decision Jul 2019M44 End of HW & SW support Oct 2021M5 End of all HQ activities H2/2022 <p>The successors are (see also next slide):</p> <ul style="list-style-type: none">OS Concierge V4 (for the Attendant Console with UC integration)PS Offering (for Agent Desktop Web, AgentRealtimeView Web, Reporter, Remote Agent, Integration Connector)

Unify Product Java Dependencies

OpenScape Concierge & ComDesk

OpenScape Concierge & ComDesk						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Concierge V4 R0 [Server]	Open JRE 11	JRE provided	No	x		
OpenScape Concierge V4 R0 [Agent]	–	–	No			No Java used
Communication Desk (ComDesk) <i>[Professional Service Solution]</i>	Oracle JRE 8	JRE required	Yes		x	<p>If you do not intend to purchase Oracle Java SE licenses to get Java support for ComDesk:</p> <ul style="list-style-type: none">• Use a setup packet of ComDesk incl. Open JDK 11 for local installation.• Use the new ComDesk Web (web application without Java) - currently only available for Medium Voice. <p>Both variants are customer-specific solutions & will cause additional costs.</p>

Unify Product Java Dependencies

OpenScape Contact Center Campaign Director

OpenScape Contact Center Campaign Director						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Contact Center Campaign Director V7 R1	IBM JRE 8	JRE provided	No	x		OpenScape Campaign Director V7 R1 has been phased out. See also Unify Sales Circular No. 10/2019

Unify Product Java Dependencies

OpenScape Enterprise Express

OpenScape Enterprise Express						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Enterprise Express V9 R4			Yes	X	X	<p>Packaging of OpenScape Enterprise components:</p> <ul style="list-style-type: none">• OpenScape Voice• OpenScape UC• OpenScape Contact Center• OpenScape Common Mgmt Portal• OpenScape Deployment Service• OpenScape SBC• OpenScape Mobility• OpenScape Concierge• OpenScape Xpressions• OpenScape Web-CDC <p>A subscription is needed due to the usage of OpenScape Contact Center and OpenScape Deployment Services.</p> <p>Please see the corresponding notes for the listed/affected products.</p>

Unify Product Java Dependencies

OpenScape First Response

OpenScape First Response						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape First Response			(see notes →)			Consists of OpenScape Voice Ecosystem plus GEMMA aspects
GEMMA V2 R0 [Server] (Global EMergency Management System)	Oracle JRE 8	JRE provided	Yes	x		Plan is to replace it with a Java version not requiring an Oracle Java subscription. A roadmap statement will be delivered in addition & with an updated version of this document – please check the Experts Wiki site for updates.
GEMMA V2 R0 [Client]	–	–	No			No Java used

Unify Product Java Dependencies

OpenScape Health Station HiMed

OpenScape Health Station HiMed						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Health Station HiMed V10	–	–	No			No Java used

Unify Product Java Dependencies

OpenScape License Management

OpenScape License Management						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Customer License Manager (CLM) V1 R20 (customer side)	Oracle JRE 8	JRE required	(see notes →)		x	The Customer License Manager does not necessarily require its own dedicated Java. That is, if CLM is installed at the same PC as the Admin Client of a given product, the same Java SE subscription can be re-used.

Unify Product Java Dependencies

OpenScape Management Applications

OpenScape Management Applications						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape CMP V7 R4 (Common Management Platform)	IBM JRE 7	JRE provided	No	x		
OpenScape Composer V1 R0	IBM JRE 8	JRE provided	No	x		
OpenScape DLS V7 R3 [Server] (Deployment Service)	IBM JRE 7	JRE provided	No	x		
OpenScape DLS V7 R3 [Admin Client] (Deployment Service)	Oracle JRE 8	JRE required	Yes		x	For V10 R1 (plan date: Q2/2021) it is planned to remove the dependency on Java & offer a pure web-based variant.
OpenScape Fault Management V10	Oracle JRE 8	JRE required	Yes	x		For V11 (plan date: Q4/2019) it is planned to support predefined AdoptOpenJDK Java 11 builds of the JDK/JRE on Windows and Linux.
OpenScape Accounting V3	–	–	No			No Java used

Unify Product Java Dependencies

OpenScape UC | OpenScape Xpressions | OpenScape Web Collaboration

OpenScape UC OpenScape Xpressions OpenScape Web Collaboration						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape UC V9 R4	IBM JRE 7	JRE provided	No	x		
OpenScape Desktop Client Personal Edition (PE) V7 R1	–	–	No			No Java used
OpenScape Mobile V9	–	–	No			No Java used
OpenScape Web Collaboration V7	–	–	No			No Java used
OpenScape Xpressions V7 R1	IBM JRE 7	JRE provided	No	x		

Unify Product Java Dependencies

OpenScape Voice Ecosystem

OpenScape Voice Ecosystem						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Voice V9 R4	IBM JRE 7	JRE provided	No	x		
OpenScape Voice NCPE V9 R4 (Node Configuration Parameter Editor)	Oracle JRE 8	JRE required	Yes		x	A roadmap statement will be delivered in addition & with an updated version of this document – please check the Experts Wiki site for updates.
OpenScape Voice Trace Manager V8 R0	–	–	No			No Java used
OpenScape Branch V9 R4	IBM JRE 7	JRE provided	No	x		
OpenScape SBC V9 R4 (Session Border Controller)	IBM JRE 7	JRE provided	No	x		
OpenScape Web-CDC V1 R1 (customer side) (Customer Data Collection)	–	–	No			No Java used

Unify Product Java Dependencies

OpenScape Xpert

OpenScape Xpert						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Xpert System Manager V6 R1	Oracle JRE 8	JRE required	Yes	x		For OS Xpert V7R1 (plan date: Q1/2020) it is planned to deliver an IBM JRE 8 with the product.
OpenScape Xpert V6 R1 [MLC Server] (Multi-Line Control)	–	–	No			No Java used
OpenScape Xpert V6 R1 [Clients]	–	–	No			No Java used
OpenScape Xpert V6 R1 [Turrets]	–	–	No			No Java used

Unify Product Java Dependencies

Devices & Endpoints

Devices & Endpoints						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScape Desk Phones	–	–	No			No Java used
OpenStage Phones	–	–	No			No Java used
OpenScape DECT Phones	–	–	No			No Java used
OpenStage WL3 Phones	–	–	No			No Java used
OpenStage WL3 PDM V1 (Personal Device Manager)	Oracle JRE 8	JRE required	Yes		x	A new version of the Personal Devices Manager which will remove the dependency on Oracle JRE is planned for H1/2020.
Circuit Meeting Room (CMR) V1	–	–	No			No Java used

Unify Product Java Dependencies

Service-Related Products (I)

Service-Related Products (I)						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScope Identity Lifecycle Assistant (OSILA) V3	Oracle JRE 8	JRE provided	Yes	x		<p>With Version DirX Identity 8.9 (release planned for July 2019), both Oracle Java and OpenJDK will be supported. Java then will have to be provided by the customer as Atos will no longer provide Java with DirX Identity. OSILA then will use the Java installed for DirX Identity 8.9</p> <p>In more detail (extract from the latest DirX roadmap):</p> <p>Java 11</p> <ul style="list-style-type: none"> is the second (long term support) LTS release after Java 8. Since Java 11, Oracle JDK would no longer be free for commercial use. is alternatively available as OpenJDK under the GNU General Public License (GNU GPL) with Classpath Exception <p>DirX suite</p> <ul style="list-style-type: none"> All new releases of the DirX suite will be upgraded to Java 11 with the next major release (beginning with DirX Access 8.9) Java 11 must be available on the server as a prerequisite (JRE is no longer bundled with DirX) Both Oracle Java SE 11 and OpenJDK 11 are supported
OpenScope Secure Enterprise Service and Administration Platform (SESAP) V2 R1	Oracle JRE 8	JRE required	Yes	x		A roadmap statement will be delivered in addition & with an updated version of this document – please check the Experts Wiki site for updates.
Remote Service Platform V2 (customer side)	–	–	No			No Java used

Unify Product Java Dependencies

Service-Related Products (II)

Service-Related Products (II)						
Portfolio Element	JRE Vendor & Version	JRE Dependency	Oracle Java SE Subscription needed	Server	Client	Notes
OpenScope Backup and Recovery Services V1 R4	IBM JRE 8	JRE provided	No	x		
Proactive Fault Monitoring (customer side)	–	–	No			Local collectors on customer side are not affected by the Oracle Java SE Subscription.
Proactive Patch Management (customer side)	–	–	No			No Java used
Managed Service Offerings (TCS, MSD, SLM, Firewall Patching Services)	–	–	No			No Java used
OpenScope Video V9 R3	–	–	No			No Java used
OpenSmart Designer (OSD ²) V2 R3	–	–	No			No Java used

Thank you

Atos, the Atos logo, Atos Syntel, Unify, and Worldline are registered trademarks of the Atos group. January 2019. © 2019 Atos. Confidential information owned by Atos, to be used by the recipient only. This document, or any part of it, may not be reproduced, copied, circulated and/or distributed nor quoted without prior written approval from Atos.

The Atos logo is displayed in white on a blue background. It features the word "Atos" in a bold, sans-serif font. The letter "o" is stylized with a white circle inside it, and the letter "s" has a white dot at its top end.