

JDK 11 UPDATE

R23 AMR

Information in this document is subject to change without notice.

No part of this document may be reproduced or transmitted in any form or by any means, for any purpose, without the express written permission of TEMENOS HEADQUARTERS SA.

© 2023 Temenos Headquarters SA - all rights reserved.

Temenos periodically reviews and upgrades the Java version when there is a need to keep up with the industry standards ensuring no compromises on the supported features.

Temenos has moved from Java 8 to Java 11. R23 AMR is released on Java 11.

The key drivers for the shift to Java 11 are as below,

- **Support for Java 8** - Over the next few years, Java 8 will no longer be supported. Currently, several distributions of JDK 8 with support are available, however, it is expected that this support will diminish in the coming years.
- **Wildfly Support** - Wildfly has ceased support for Java 8, starting Wildfly 27 onwards.
- **New Java 11 Features** - Several performance and security improvements and new language features have been introduced in Java 11.

From the R23 AMR, Temenos will use Redhat OpenJDK 11 in its containers. It applies to all supported hardware platforms, including Openshift on LinuxOne and Openshift on Power. The use of Java 8 with R23 and above is no longer supported.

The previous releases of Temenos software are not impacted and continue to support Java 8. Please refer to the Stack verification page in Temenos Partner Support Portal and Temenos Customer Support Portal for the latest versions of the third-party software supported across its stack tiers.

For on-premise customers upgrading to R23 AMR and above, it is advisable to use the following application servers to benefit from Java 11 upgrade:

- IBM WebSphere Liberty (IBM Semeru Runtime Open Edition - Java 11 (LTS))
- Oracle WebLogic 12C and above
- JBoss EAP 7.2 and above

While Temenos has made every effort to migrate its applications to Java 11, specific applications still need to continue with Java 8 due to the lack of Java 11 support with respective third-party technologies. For example, IIB used for Adaptors and Oracle Service Bus (OSB) do not support Java 11 and hence continue to work with Java 8 only. The respective documentation is updated to reflect these specific use of Java 8 along with the rest of the products in Java 11.