Adobe Experience Manager

Java support policy for Adobe Experience Manager

Beginning April 2022, Oracle Java SE will be the default and recommended option for any development and operation of Adobe Experience Manager (AEM).

Who is impacted by this communication?
All Adobe Experience Manager (AEM) customers, irrespective of the deployment, should pay attention to this communication and its consequences.

Why is Adobe evolving its Java support policy?
At Adobe, we take security very seriously and are constantly evaluating all operations, processes, and tools to ensure it aligns with our defense-in-depth approach to prevent any vulnerabilities. Out of abundance of caution, Adobe has chosen to use Oracle Java SE for all its Adobe Cloud operations. In compliance with this policy, Adobe Experience Manager Cloud operations will switch to Oracle Java SE beginning April 2022. Adobe is also recommending the use of the Oracle Java SE for operating AEM on premise, both for production and non-production deployments.

Is there an immediate action item for AEM customers?
Yes, if you are currently using Azul Zulu JDK:

- AEM on premise:
    - o Recommendation is to switch all local development, non-production and production environments to Oracle Java SE.
- AEM as Cloud Service:
    - o Recommendation is to switch all local development to use Oracle Java SE.
    - o Adobe will start using Oracle Java SE for all non-production and production environments without any interruption of service beginning April 2022.
- AEM with Managed Services:
    - o Recommendation is to switch all local development environments to use Oracle Java SE.
    - o Adobe will keep using Oracle Java SE for all non-production and production environments as currently already in place.

Is there a pricing impact with this update?
No, there is no financial consequence for AEM customers as a result of this announcement, providing all AEM operations are switched to using the Oracle Java SE. Adobe supports its customers by providing downloadable releases and support for the Oracle Java SE Long Term Support (LTS) releases.

Where can I access the latest release of Oracle Java SE JDK?
The latest release and LTS maintenance updates for the Oracle Java SE JDK can be downloaded from the Adobe Software Distribution portal https://experience.adobe.com/downloads.

How do I switch to Oracle Java SE from my Adobe Cloud Manager pipelines?
You can use Maven Toolchain Plugin to select a specific JDK. Please find instructions in the Cloud Manager documentation (https://experienceleague.adobe.com/docs/experience-manager-cloud-service/content/implementing/using-cloud-manager/create-application-project/build-environment-details.html?lang=en#using-java-support). Beginning April 2022, Oracle Java SE will be automatically set as the default value in Cloud Manager.

Can I continue to use Azul Zulu JDK?
Yes, AEM on-premise deployments can still be operated with the Azul Zulu JDK , as per the technical requirements documentation (https://experienceleague.adobe.com/docs/experience-manager-65/deploying/introduction/technical-requirements.html), similar to what we provide for other JDKs such as IBM's JDK. However, Adobe will no longer provide support and distribution of the Azul Zulu JDK LTS releases. Support and distribution of the Azul Zulu JDK LTS releases will have to be licensed directly with Azul by our customers.

Do I need to contract direct support from Oracle for AEM?
No, AEM provides support for the Oracle Java SE and does not need a direct support contract with Oracle. The support covers the use of all Oracle Java SE releases, current and future, for AEM customers to run their AEM applications.

Can Oracle Java SE be used for the tools allowing my customer to build and to compile AEM applications?
Oracle Java SE may be used to compile Java code to be deployed to an AEM server running with the Oracle Java SE. However, the Oracle Java SE cannot be used as such for running third party applications like Jenkins or other Java-based applications, that require their own license.

Can Oracle Java SE be used to run my JEE AEM Forms server?
Yes.

Can Oracle Java SE distributed by Adobe be used to run non-AEM applications hosted by the same application server used for running AEM?
No. Oracle Java SE distributed by Adobe is only to be used for AEM development.

Do I still have to accept an Oracle license agreement when they download Oracle Java SE?
You can download the software from https://experience.adobe.com/downloads where you can view and accept the Oracle terms of use.

Who should I contact for a support issue with the Oracle Java SE?

For any issues pertaining to your AEM application, including the underlying Oracle Java SE software, please reach out to the Adobe Customer Support organization (https://experienceleague.adobe.com/?support-solution=Experience+Manager#support).

Can AEM customers also decide to run their AEM applications on OpenJDK builds of Java?

Please refer to the AEM technical requirements (https://experienceleague.adobe.com/docs/experience-manager-65/deploying/introduction/technical-requirements.html) for guidance on specific builds and versions.

Where can I look up the Oracle Java SE JDK version(s) officially supported by my AEM version?

Please refer to the official AEM technical requirements documentation https://experienceleague.adobe.com/docs/experience-manager-65/deploying/introduction/technical-requirements.html.

What about the older Oracle Java SE releases, especially versions 6 and 7?

Maintenance updates for Oracle Java SE 6 and Oracle Java SE 7 will be made available to AEM customers for as long as these versions are supported by Oracle according to the roadmap available at https://www.oracle.com/java/technologies/java-se-support-roadmap.html.

For more information
www.adobe.com/go/aem