

Fusion Middleware Statement of Direction

Guidance on future product plans for the Fusion
Middleware product family.

June 2023
Copyright © 2023, Oracle and/or its affiliates
Public

Disclaimer

The following is intended to outline our general product direction. It is intended for informational purposes only and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.



Fusion Middleware
Statement of Direction

Oracle Fusion Middleware directions

Oracle Fusion Middleware is Oracle's digital business platform for the enterprise. It enables businesses to efficiently create and run agile, intelligent applications in client-server, web and cloud environments. Oracle's strategy for Fusion Middleware is to continue to modernize the platform while providing bridging technologies to cloud native application development and deployment.

Fusion Middleware customers can continue to enjoy superior application performance, reliability, and security today with a clear path to next-generation cloud technologies when ready to make that move. Oracle Fusion Middleware customers can migrate to the cloud at their own pace while continuing to receive support for their existing license software for many years to come. Oracle plans no forced upgrades or migrations.

Release details

WebLogic Server and Coherence 14.1.1, which began shipping in March 2020, are the first product releases in the Oracle Fusion Middleware 14.1 product line. They include Java EE 8 and Jakarta EE 8 compatibility, simplified integration with microservices, support for a new open source WebLogic Remote Console, enhancements to Kubernetes tooling and support, Oracle Java SE 8 and 11 certification, GraalVM EE certification, and improvements to Oracle Database integration.

Oracle plans to release Java SE 21 in September 2023 as the next Long-Term-Support (LTS) release. The Virtual Threads JDK Enhancement Proposal (JEP 444) is targeted for Java SE 21. Virtual threads are lightweight threads that dramatically reduce the effort of writing, maintaining, and observing high-throughput concurrent applications. JEP 444 builds on experience from previous Preview and Incubator JEPs 436 and 437 on Virtual Threads and Structured Concurrency. Oracle believes that virtual threads will greatly enhance next-generation middleware projects.

Oracle intends to leverage the benefits of virtual threads in the next release of Oracle Fusion Middleware. Oracle Fusion Middleware 14.1.2 is planned for delivery in Calendar Year 2024, and will be built on updated versions of WebLogic Server and Coherence 14.1.2, with features and enhancements in areas such as

- use of the latest Java technologies – Java SE 17 and 21, Jakarta EE 8;
- built-in WebLogic Server and Coherence support for Virtual Threads for the environments based on Java SE 21;
- updates to the latest Oracle JDBC driver versions, for optimized integration with Oracle Database and Oracle Database Cloud Services;
- enhanced integration with Helidon-based microservices, leveraging virtual threads support in Helidon 4.0 and updated MicroProfile support;

- new features for Oracle Coherence, derived from innovations already delivered in Coherence Community Edition;
- updated load balancer support for performance, dynamic scaling and high availability;
- security and compliance enhancements to address modern security and regulatory requirements;
- improved integration with Oracle Cloud Infrastructure services;
- cloud native application development and deployment, including alignment with Cloud Native Computing Foundation (CNCF) recommended technologies; and
- interoperability in hybrid cloud and multi-cloud environments.

Middleware products planned for inclusion in 14.1.2 are:

- WebLogic Server, Coherence and Oracle HTTP Server;
- JDeveloper and ADF;
- SOA Suite and BPM Suite;
- WebCenter Portal, WebCenter Content, and WebCenter Sites;
- Forms and Reports;
- Oracle Data Integrator and Enterprise Data Quality.

Oracle's Identity Management Suite and Oracle Enterprise Single Sign-on Suite, will ship an IDM 14.1.2 release based on FMW 14.1.2 with a target GA date in the first half of Calendar Year 2025. Oracle Analytics Server (OAS) plans to deliver an annual OAS release based on Fusion Middleware 14.1.2 after Fusion Middleware 14.1.2 GA.

Oracle is committed to deliver support for Kubernetes for its Fusion Middleware family of products. Currently the following products are supported on Kubernetes:

- Oracle WebLogic Server;
- Oracle Coherence;
- Oracle Access Management;
- Oracle Identity Governance;
- Oracle SOA Suite;
- Oracle Unified Directory;
- Oracle Unified Directory Services Manager;
- Oracle WebCenter Sites;
- Oracle WebCenter Content
- Oracle WebCenter Portal

Looking ahead, Oracle intends to continue to support the above products on Kubernetes in the Fusion Middleware 14.1.2 release.

Next steps

Oracle has designed its Fusion Middleware product releases to provide an upgrade path for its existing customers to the latest releases. We also offer tools, training and expertise to make those upgrades as smooth as possible. Fusion Middleware customers on older releases should take the following guidance into consideration.

- Extended Support for Fusion Middleware 11g and 12.1.3 has ended. We offer Market Driven Support for Fusion Middleware 11g. Customers using these Fusion Middleware versions are encouraged to upgrade to Oracle Fusion Middleware 12.2.1.4* as soon as possible for on-premises applications, or to move to similar Oracle Cloud Services. For customers of WebLogic Server and Coherence, upgrade to WebLogic Server and Coherence 14.1.1 is also an option.

** Some Fusion Middleware technologies (e.g. Forms and Reports) are available in versions newer than most others. In any case, it is recommended that the newest version be used. Error correction support for older versions will end when the latest version has reached one year of availability unless documented otherwise. Refer to the Lifetime Support Policy guide for details.*

- As Fusion Middleware 14.1.2 is a major release for the suite, Oracle intends that customers will be able to upgrade to 14.1.2 when it is released and have the standard five (5) years of Premier Support and three (3) years of Extended Support.
- The dates for Premier and Extended Support for Fusion Middleware 12.2.1.4 are published in Oracle Fusion Middleware Lifetime Support Policy (<https://www.oracle.com/us/assets/lifetime-support-middleware-069163.pdf>).
- Oracle intends to designate Fusion Middleware 14.1.2 as a Long Term Support release as it is defined in [Oracle Fusion Middleware Error Correction Policy \(Doc ID: 209768.1\)](#).
- Oracle intends to release Fusion Middleware 14.1.2 in Calendar Year 2024.

Conclusion

Oracle continues to be a leader in middleware software. We are committed to guide our customers through multiple major industry technology shifts while preserving their investments. With Oracle Fusion Middleware 14.1.2 we intend to continue to provide a path to a modern digital business platform on-premises and in the cloud.

For more information about Oracle Fusion Middleware, go to www.oracle.com/middleware or contact your Oracle sales representative.

Connect with us

Call **+1.800.ORACLE1** or visit **oracle.com**. Outside North America, find your local office at: **oracle.com/contact**.

 blogs.oracle.com

 facebook.com/oracle

 twitter.com/oracle

Copyright © 2023, Oracle and/or its affiliates. This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group. 0120