

# Oracle Fusion Middleware Statement of Direction

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

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## 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 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 current platform and provide bridging technologies to cloud native application development and deployment. In future releases, Oracle Fusion Middleware will offer customers advanced features that enables streamlined migration to cloud infrastructure and provides excellent services to run Fusion Middleware-based applications.

That means 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. 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.

## Fusion Middleware 14.1.2

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 Fusion Middleware 14.1.2 was shipped in December 2024 and is built on updated versions of WebLogic Server and Coherence 14.1.2. WebLogic Server and Coherence 14.1.2 include features and enhancements in areas such as:

- Support for the latest Java technologies – Java SE 17 and 21, Jakarta EE 8
- Updates to the latest Oracle JDBC driver versions, for optimized integration with Oracle Database and Oracle Database Cloud Services including the latest Oracle Database 23ai
- Enhanced integration with Helidon-based microservices, leveraging virtual threads support in Helidon 4 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
- Interoperability in hybrid cloud and multi-cloud environments

Web Center 14.1.2 includes features and enhancements in areas such as:

- Oracle OpenSearch and Elastic search new versions support
- Containerization support in WebCenter products using Kubernetes,
- WebCenter Content Desktop Admin Tool support extended to Mac OS,

- Adding of new IDC service in WebCenter Content,
- Support for Large dID in WebCenter Content to manage huge number of documents,
- WebCenter Content support to Object Storage simplifying movement to OCI,
- WebCenter Enterprise Capture support to MS Graph API Support,
- Enhancements in Batch operations for WebCenter Enterprise Capture

SOA 14.1.2 includes features and enhancements in areas such as:

- Native adapter for Apache Kafka,
- Support for Hybrid integration architecture,
- Expanded support for OpenAPI,
- Purge History,
- Support for REST Service through proxy,
- Handle dynamic archive directory
- REST Multipart form-data

The first Middleware products included in the initial shipment of 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

The Oracle Enterprise Identity Services Suite, comprising Oracle Identity Manager, Oracle Access Manager, Oracle Universal Directory, Oracle Internet Directory, and Connectors, is planned to release a new version based on Fusion Middleware 14.1.2. The target general availability date is calendar year 2025. Following this release, the suite intends to regularly introduce new features through subsequent updates. Furthermore, the roadmap entails extending support to Oracle Enterprise Single Sign-On Suite on Fusion Middleware 14.1.2

The following Fusion Middleware components are supported in Kubernetes:

Product	Kubernetes Support by Version		
	12.2.1.4	14.1.1	14.1.2
Oracle WebLogic Server	Y	Y	Y
Oracle Coherence	Y	Y	Y
Oracle HTTP Server	Y	NA	Y
Oracle SOA Suite	Y	NA	Y
Oracle WebCenter Sites	Y	NA	Y
Oracle WebCenter Content	Y	NA	Y
Oracle WebCenter Portal	Y	NA	Y
Oracle Access Management	Y	NA	Y*
Oracle Identity Governance	Y	NA	Y*
Oracle Unified Directory	Y	NA	Y*
Oracle Unified Directory Services Manager	Y	NA	Y*

\* Planned release for the calendar year 2025

### Support for Prior Versions and Upgrade to Fusion Middleware 14.1.2

Oracle has designed its Fusion Middleware product releases to provide upgrade paths 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.

- Fusion Middleware 14.1.2 is a major release for the suite. Customers are encouraged to upgrade to Oracle Fusion Middleware 14.1.2 as that version has 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 and 14.1.2 are published in Oracle Fusion Middleware Lifetime Support Policy (<https://www.oracle.com/us/assets/lifetime-support-middleware-069163.pdf>).
- Oracle has designated Fusion Middleware 14.1.2 as a Long Term Support release as it is defined in [Oracle Fusion Middleware Error Correction Policy \(Doc ID: 209768.1\)](#). For the products included in the initial shipment of 14.1.2 no further minor version (14.1.X) or patch set (14.1.2.X) release are planned. Individual patches will be provided as needed by each product.

### WebLogic Server and Coherence 15.1.1

Oracle plans continued enhancements to the Fusion Middleware product line following the release of Fusion Middleware 14.1.2. In particular, Oracle plans to deliver a new major release of WebLogic Server and Coherence, WebLogic Server and Coherence 15.1.1, in CY2025.

WebLogic Server and Coherence 15.1.1 are intended to provide enhancements and support in areas such as:

- *Java certification:* Continued support for Java 17, Java 21.
- *Jakarta EE 9.1:* WebLogic Server 15.1.1 will implement and support Jakarta EE 9.1, including the updated Jakarta EE Platform and Jakarta EE API specifications. Coherence 15.1.1 will be updated to enable seamless integration with WebLogic Server and its use of Jakarta EE 9.1 APIs.
- *Oracle Cloud Infrastructure Integration:* WebLogic Server and Coherence 15.1.1 will offer built-in integration with Oracle Cloud Infrastructure services. We are committed to delivering features that simplify the migration of on-premises environments to Oracle Cloud. Moreover, our focus will be on delivering functionality that simplifies the lifecycle management of WebLogic Server and Coherence environments within Oracle Cloud.
- *Upgrade:* WebLogic Server and Coherence 15.1.1 will support tooling for upgrade of applications from prior versions for WebLogic Server and Coherence.
- *3<sup>rd</sup>-party frameworks:* WebLogic Server and Coherence 15.1.1 will enable use of 3<sup>rd</sup>-party Java frameworks that use “jakarta” package names, as defined in Jakarta EE 9.1, in WebLogic Server and Coherence applications.
- *Security:* WebLogic Server and Coherence 15.1.1 will provide security updates that simplify securing WebLogic Server and Coherence applications, and that conform to updates in security standards.
- *Containers and Kubernetes:* WebLogic Server and Coherence 15.1.1 will deliver improved support for cloud native deployments, in addition to continued support for deployment on physical machines and VMs.

Oracle intends to deliver releases of additional Oracle Fusion Middleware products implemented on WebLogic Server and Coherence 15.1.1. The scope and timing of these releases will be communicated in a future update to this document.

## 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](http://www.oracle.com/middleware) or contact your Oracle sales representative.

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