

Oracle® Jipher

Release Notes



Release 10
G19530-05
April 2025



Oracle Jipher Release Notes, Release 10

G19530-05

Copyright © 2025, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

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

Intel and Intel Inside 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, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

Oracle Jipher 10 Release Notes

Oracle Jipher is a Java Cryptographic Service Provider that packages a FIPS 140 validated OpenSSL cryptographic module enabling deployment of Java applications in FIPS regulated environments. The Jipher provider makes the cryptographic services available for Java developers using the standard [Java Cryptography Architecture \(JCA\)](#) framework.

Oracle Jipher is offered as part of the [Oracle Java SE Universal Subscription](#), and to Oracle customers running Java workloads in Oracle Cloud Infrastructure (OCI). Note that the Jipher feature included in the Java SE Subscription has a shorter support lifecycle. Please refer to the [Java SE Support Roadmap](#) for more information.

Oracle Jipher 10.35

The initial version of Oracle Jipher is 10.35.

Supported Configurations

Supported Runtimes

- Oracle JDK 17
- GraalVM for JDK 17
- Oracle JDK 21
- GraalVM for JDK 21

Supported Platforms

- Oracle Linux 9 and 8 on x86-64 and aarch64
- Red Hat Linux 9 and 8 on x86-64 and aarch64

Additional Information

- [Oracle Jipher Documentation](#)
- Download Jipher from [Java Tools and Resources](#)
- For support, refer to [My Oracle Support](#)