

# Artix Version 5.6.4

Release Notes: Java

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# Contents

<b>New and Changed Features</b> .....	<b>1</b>
<b>Supported Standards</b> .....	<b>1</b>
SR Specifications.....	1
XML.....	1
Messaging .....	1
Metadata.....	2
Security .....	2
Reliable Messaging .....	2
Web Services Interoperability .....	2
<b>CORBA Compliance</b> .....	<b>2</b>
<b>JDK Support</b> .....	<b>2</b>
<b>Platforms and Compilers</b> .....	<b>2</b>
<b>Migrating to Artix Java 5.6.4</b> .....	<b>2</b>
<b>Deprecated Features</b> .....	<b>3</b>
<b>Documentation Updates</b> .....	<b>3</b>
<b>Resolved Issues</b> .....	<b>4</b>
<b>Other Resources</b> .....	<b>5</b>



# Artix 5.6.4 for Java Release Notes

These release notes contain information about the Artix 5.6.4 for Java release from Micro Focus. They contain information that might not appear elsewhere in the documentation. Read them in their entirety before you install the product.

## New and Changed Features

The following features are new in Artix 5.6.4 for Java:

- [Apache Components Upgrade](#)

### Apache Components Upgrade

Artix 5.6.4 for Java has been upgraded from using Apache CXF version 3.0.3 to version 3.0.12, and from Apache Camel 2.14.1 to 2.14.4.

## Supported Standards

Artix 5.6.4 for Java supports the following XML and Web services specifications:

### SR Specifications

- JAX-WS - Java API for XML-Based WebServices 2.2 - JSR-224.
- JAXB Java™ Architecture for XML Binding 2.2 -JSR 222
- Web Services Metadata for the Java Platform - JSR-181
- JAX-RS - The Java API for RESTful Web Services - version 2.0 (JSR-339)
- SAAJ - SOAP with Attachments API for Java (SAAJ) - JSR-67

### XML

- XML Namespaces 1.0
- XML Schema 1.0
- XPath 1.0
- XQuery 1.0
- XML Information Set

### Messaging

- SOAP 1.1/1.2
- WS-Addressing 08-2004
- WS-Addressing 08-2005
- Message Transmission Optimization Mechanism (MTOM) for SOAP 1.1/1.2
- SOAP over JMS 1.0

## Metadata

- WS-Policy 1.5, 07-2006
- WSDL 1.1 - Web Service Definition Language

## Security

- WS-Security 1.1 with SAML, Kerberos, X.509 profiles
- WS-SecurityPolicy
- WS-SecureConversation
- XML Signature 02-2002
- XML Encryption 12-2002
- WS-Trust 1.4 (partial support)
- SAML 1.1, 2.0 Token Profiles

## Reliable Messaging

- WS-ReliableMessaging 1.1 and 1.2

## Web Services Interoperability

- WS-I Basic Profile 1.1

# CORBA Compliance

Artix 5.6.4 complies with the following specifications:

- CORBA 2.6.
- GIOP 1.2 (default), 1.1, and 1.0
- IDL-to-Java Language Mapping (formal/99-07-53)

# JDK Support

Artix 5.6.4 for Java supports up to JDK 1.8, and requires a minimum level of JDK 1.7.

(If you use JDK 1.7, update 6 or later version is required by Artix Security because of the following JDK bug:

[http://bugs.java.com/bugdatabase/view\\_bug.do?bug\\_id=2225327](http://bugs.java.com/bugdatabase/view_bug.do?bug_id=2225327) )

### Note:

For an HP-PA RISC system (see "[Platforms and Compilers](#)"), the highest JDK level supported is 1.6.

# Platforms and Compilers

For the latest information on supported platforms and compilers, see <http://supportline.microfocus.com/prodavail.aspx>

# Migrating to Artix Java 5.6.4

To upgrade an existing system from Artix Java 5.6.2 or earlier versions, follow the instructions in the "Migrating from Artix Java 5.6.2 to Artix Java 5.6.3" section of the **Artix 5.6.3 Release Notes: Java**.

## Deprecated Features

The following features are deprecated in Artix 5.6.4 for Java and will be removed in a future release:

- In Java routing, the MESSAGE data format is deprecated and replaced with the RAW format. See the ***Artix Java Router, Deployment Guide*** for details.

## Documentation Updates

The Artix 5.6.4 user documentation is available from <https://supportline.microfocus.com/productdoc.aspx>

## Resolved Issues

The resolved issues that customers have reported are listed in this section. The numbers that follow each issue are the Reported Problem Incident number followed by the Customer Incident Numbers (in parentheses). RPIs that have numbers only (and no text) are included to confirm that the RPIs have been fixed, since no further information is required.

- Artix 5.6.4 ships with Apache CXF version CXF 3.0.12, in order to resolve Apache CXF Vulnerability CVE-2015-5253: see <http://cxf.apache.org/security-advisories.data/CVE-2015-5253.txt.asc> for details.  
RPI 1102466 (2845618)
- Artix 5.6.4 provides support for Java 8.  
RPI 1106421 (2873330)

## Other Resources

The following additional resources are available:

- For the latest information on supported platforms and compilers, see <http://supportline.microfocus.com/prodavail.aspx>.
- The most up-to-date versions of Artix technical documentation are available at: <https://supportline.microfocus.com/productdoc.aspx>
- The Artix Community enables developers, support specialists, and customers to exchange information. This is available at: <http://community.microfocus.com/microfocus/corba/artix/>
- Contact Micro Focus technical support at: <http://www.microfocus.com>

