

ActiveMQ 5.8.0 Release

Apache ActiveMQ 5.8.0 resolves [160 issues](#), mostly bug fixes and improvements. It has the following new features:

- [AMQP](#)
- new feature modules and activemq-client module allowing smaller footprint
- management via [REST](#) with [jolokia](#) jmx to http bridge
- Includes [Apache Camel 2.10.3](#)
- Java 7 support (compiled with jdk6 and validated with jdk7)
- [Pure Master Slave](#) no longer supported

There are some changes in 5.8 that may require some code change

1. New modules may effect your maven pom dependencies
activemq-core has been replaced with activemq-client and activemq-broker. The various message stores have their own activemq-xx-store module. The uber module activemq-all remains.
2. Changed JMX Mbean ObjectNames will effect scripts or tools that directly reference Mbean names
All mbeans now share the type=Broker attribute, which gives them containment. In this way, consumers hang off of destinations, which hang off the broker.
The different Mbean types are identified by the presence of specific identifiers in their ObjectNames. The mapping from old to new ObjectName is as follows:

Type	Old Name	New Name
Broker	Type=Broker	type=Broker
Destination	Type=Queue Topic, Destination=<destination identifier>	type=Broker, destinationType=Queue Topic, destinationName=<destination identifier>
Connector	Type=Connector	type=Broker, connector=clientConnectors
NetworkConnector	Type=NetworkConnector	type=Broker, connector=networkConnectors
Connection	Type=Connection	type=Broker, connector=*, connectionViewType=remoteAddress clientId

3. OSGi integration has changed. The full details are at [OSGi Integration](#). In summary:
 - a. There is a single uber OSGi bundle
 - b. The broker and webconsole are now configured via config admin pid files through an OSGi managed service factory.
4. The ActiveMQ binary file bin/run.jar has been renamed to bin/activemq.jar.

Getting the Binary Distributions

Description	Download Link	PGP Signature file of download
Windows Distribution	apache-activemq-5.8.0-bin.zip	apache-activemq-5.8.0-bin.zip.asc
Unix/Linux/Cygwin Distribution	apache-activemq-5.8.0-bin.tar.gz	apache-activemq-5.8.0-bin.tar.gz.asc

Verify the Integrity of Downloads

It is essential that you verify the integrity of the downloaded files using the PGP or MD5 signatures. The PGP signatures can be verified using PGP or GPG. Begin by following these steps:

1. Download the [KEYS](#)
2. Download the asc signature file for the relevant distribution
3. Verify the signatures using the following commands, depending on your use of PGP or GPG:

```
$ pgpk -a KEYS
$ pgpv apache-activemq-<version>-bin.tar.gz.asc
```

or

```
$ gpg -ka KEYS
$ gpg apache-activemq-<version>-bin.tar.gz.asc
```

or

```
$ gpg --import KEYS
$ gpg --verify apache-activemq-<version>-bin.tar.gz.asc
```

(Where `<version>` is replaced with the actual version, e.g., 5.1.0, 5.2.0, etc.).

Alternatively, you can verify the MD5 signature on the files. A Unix program called `md5` or `md5sum` is included in most Linux and Unix distributions. It is also available as part of [GNU Textutils](#). Windows users can utilize any of the following md5 programs:

- [md5](#)
- [md5sums](#)
- [SlavaSoft FSUM](#)

Getting the Binaries using Maven 2

To use this release in your maven project, the proper dependency configuration that you should use in your [Maven POM](#) is:

```
<dependency>
  <groupId>org.apache.activemq</groupId>
  <artifactId>activemq-all</artifactId>
  <version>5.8.0</version>
</dependency>
```

Getting the Source Code

Source Distributions

Description	Download Link	PGP Signature file of download
Source Release	activemq-parent-5.8.0-source-release.zip	activemq-parent-5.8.0-source-release.zip.asc

SVN Tag Checkout

```
svn co http://svn.apache.org/repos/asf/activemq/tags/activemq-5.8.0
```

Changelog

For a more detailed view of new features and bug fixes, see the [release notes](#)

Also see the previous [ActiveMQ 5.7.0 Release](#)