

Installing Artifactory

Overview

This section provides a guide on the different ways you can install and configure Artifactory.

Installing Artifactory HA



There are different instructions for installing Artifactory HA

If you are installing an Artifactory HA cluster, please refer to [HA Installation and Setup](#).

If you follow the instructions on this page for an installation of Artifactory HA, your HA cluster will not work.

System Requirements

Before you install Artifactory please refer to [System Requirements](#) for information on supported platforms, supported browsers and other requirements.

Installation

The installation procedure involves the following main steps:

1. [Installing Artifactory](#)
2. [Configuring the database](#)
3. [Configuring the filestore](#)
4. [Configuring an HTTP Server](#) (Optional)

Installing Artifactory

For detailed instructions, visit one of the following platform-specific pages:

- [Installing on Linux, Solaris or Mac OS](#)
- [Installing on Windows](#)
- [Installing with Docker](#)

Configuring the Database

Artifactory comes with an embedded Derby Database out-of-the-box which it is pre-configured to use, however, for better performance and to reuse existing infrastructures you may have, you can configure Artifactory to work with alternative supported databases.

For details please refer to [Configuring the Database](#).

Configuring the Filestore

By default, Artifactory is configured to use the local file system as its filestore. Artifactory supports a variety of additional filestore configurations to meet a variety of needs for binary storage providers, storage size and redundancy. For details, please refer to [Configuring the Filestore](#).

Configuring an HTTP Server

You can run Artifactory with one of the supported HTTP servers set up as a front end. For details please refer to [Configuring a Reverse Proxy](#).

Page Contents

- [Overview](#)
- [Installing Artifactory HA](#)
- [System Requirements](#)
- [Installation](#)
 - [Installing Artifactory](#)
 - [Configuring the Database](#)
 - [Configuring the Filestore](#)
 - [Configuring an HTTP Server](#)
- [Directory Structure](#)
- [Default Admin User](#)
- [Watch the Screencast](#)
- [Troubleshooting](#)
 - [Artifactory Does Not Start Up](#)

Read more

- [System Requirements](#)
- [Installing on Linux Solaris or Mac OS](#)
- [Installing on Windows](#)
- [Installing with Docker](#)

Directory Structure

After installing Artifactory, the `$ARTIFACTORY_HOME` directory will contain the following directory structure (the `$ARTIFACTORY_HOME` directory location depends on your installation type):

| File/Folder | Description |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <code>access</code> | The home directory of the bundled JFrog Access. More details in the Access Tokens page. |
| <code>access/etc/keys</code> | JFrog Access keys. More details in the Access Tokens page. |
| <code>logs</code> | Artifactory log files (general, access, request etc.) |
| <code>etc</code> | Configuration files |
| <code>etc/plugins</code> | Custom Groovy user plugins. |
| <code>etc/security</code> | Global security related files (configuring global encryption key, PGP signing key etc.). |
| <code>etc/ui</code> | Manually uploaded custom UI logos. |
| <code>data/derby</code> | The Derby database (only present when using Derby). |
| <code>data/filestore</code> | The checksum based storage of binaries when using the default filesystem storage. |
| <code>data/tmp/work</code> | Directory to save temporary files which Artifactory generates. |
| <code>data/tmp/artifactory-uploads</code> | Directory to save files uploaded using the Web UI. |
| <code>bin</code> | Artifactory startup/shutdown scripts. |
| <code>tomcat</code> | The default tomcat directory bundled with Artifactory. |
| <code>tomcat/work</code> | The tmp directory tomcat and the JVM uses (Tomcat automatically assigns it to a java system environment variable as <code>java.io.tmpdir</code>) |
| <code>tomcat/logs</code> | Additional Tomcat log files |
| <code>misc</code> | Configuration files used as examples for different databases and servlet containers. |
| <code>backup</code> | The default backup directory Artifactory uses for system wide and repository backup. |
| <code>webapps</code> | Contains the Artifactory WAR file and the Access WAR file used by the bundled Tomcat distribution. We strongly recommend keeping both these files in the same bundled Tomcat. |

Default Admin User

Once installation is complete, Artifactory has a default user with admin privileges predefined in the system:

User: admin

Password: password



Change the admin password

We strongly recommend changing the admin password as soon as installation is complete.

Watch the Screencast

Troubleshooting

Artifactory Does Not Start Up

| | |
|------------|----------------------------------------------------------------------------------------------------------------------------------|
| Cause | An exception was thrown (possibly by your servlet container) before Artifactory loaded its logging mechanism. |
| Resolution | Check your servlet container's localhost.log file. For more information, please refer to Artifactory Log Files . |