

# Upgrading Artifactory

## Overview

The procedure to upgrade Artifactory depends on the version you currently have installed.

Please check the instructions below according to your current version.

### Going Pro?

Even if you're just switching your current version of Artifactory OSS to the same version of Artifactory Pro, you still need to follow the same upgrade instructions specified on this page.

The one exception is for an [rpm installation](#). Since you are installing an rpm with the same version number, you need to add `--force` to the end of the command.

### Before you upgrade

We strongly recommend that you do a complete [System Export](#) before commencing your upgrade procedure. If at any time you decide to roll back to your current version, you can use the export to reproduce your current system in its entirety.

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## Upgrading from v3.x to the Latest Version (3.9.x)

### Upgrading Artifactory HA?

If you are upgrading an Artifactory HA cluster, please refer to [Upgrading Artifactory HA](#).

## Running the WAR in a Servlet Container

To upgrade Artifactory that is running as a WAR in a Servlet Container:

1. Unzip the Artifactory distribution archive.
2. Replace the previously deployed `artifactory.war` file with the `webapps/artifactory.war` file found in the Artifactory distribution archive.  
On servlet containers such as Tomcat it is also necessary to remove the expanded `artifactory` webapp directory.

### Recommend removing "work" and "temp" directories

To make sure your previous version of Artifactory is really removed, we also recommend removing your Tomcat `work` and `temp` directories

## Running as a Standalone Installation

1. Unzip the Artifactory distribution archive.
2. If the `ARTIFACTORY_HOME/tomcat/conf/server.xml` has been modified keep it in a temporary location.
3. If Artifactory is configured to work with a database that is not Derby, keep the `ARTIFACTORY_HOME/tomcat/lib/<JDBC>` driver in a temporary location.
4. Remove the following files and folders from your `ARTIFACTORY_HOME` folder:
  - `webapps/artifactory.war`
  - `tomcat`
  - `bin`
5. Replace the removed files and folders with the corresponding ones from the new unzipped version.
6. Any files that were stored in temporary locations should now be returned to their original location under the new installation.
7. If you installed Artifactory as a Linux service, browse to your `ARTIFACTORY_HOME/bin` directory and execute the following command as **root**: `ARTIFACTORY_HOME/bin/installService.sh [USER [GROUP]]`



#### misc Folder

The *misc* folder contains configuration files for specialized environments such as when running Artifactory as a Standalone Installation or on [IBM Websphere](#).

Although these files are not required for runtime, it is recommended to replace this folder too.

## Running as an RPM Installation

1.
  - a. Log in as root (or use `sudo su -`).
  - b. Execute the following command:

```
rpm -U artifactory-3.y.z.rpm
```

If you are just switching from Artifactory OSS to Pro with the same version number, don't forget to append the command with `--force`.

## Running in a Docker Container

Artifactory runs as an RPM service within a Docker container. To upgrade Artifactory, follow the instructions for [Running as an RPM Installation](#).

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## Upgrading from v2.6.7 and Above to v3.x



### Upgrading When Binaries are Stored in the Database

The procedure described in this section will only work if your system is configured to store binaries on the file system (the default configuration). If your system is configured to store binaries in the database, please follow the instructions for [Upgrading From v2.2.x to v3.x](#) below.

This upgrade procedure has the following steps:

- Export data from the current version
- Install and configure the new version
- Copy the filestore from the current version
- Import data to the new version

## Export Data

To export the data from your current version, select the **Admin** tab and then go to **Import & Export | System** to display the **Export System** parameters.

Define your **Target Export Dir** and check **Exclude Content** as displayed below:

## Export System

Target Export Dir  
C:\Work 

Exclude Content 

Exclude Metadata 

Exclude Builds 

Create .m2 Compatible Export 

Create a Zip Archive (Slow and CPU Intensive!)

Output Verbose Log 





### Exclusions

Take care to only check **Exclude Content**. All the other check boxes should remain unchecked



### Using Data from a Backup

If you have an up-to-date backup, you can skip the Export and use the data from your backup instead.

Full details on using Export and Import can be found in [Importing and Exporting](#).

## Install and Configure

Before installing the new version of Artifactory, take the following points into consideration:

- The new version must be installed at a new location on your file system. You must not overwrite any previously installed versions
- If you are using an external database, you cannot use the same schema. You must create a new schema for the upgraded version.
- The amount of free disk space that you need for the upgrade is at least as large as your current filestore because to complete the upgrade you must manually copy your current filestore to the new version

You may now install the new version which is fully described in [Installing Artifactory](#).

## Copy the Filestore

To copy the filestore from your current version follow the steps below:

1. Manually create the `data` directory under `$ARTIFACTORY_HOME/` of the new installation.
2. Copy the `$ARTIFACTORY_HOME/data/filestore` directory from the old Artifactory version to the `$ARTIFACTORY_HOME/data` folder in the new Artifactory 3.x you have just installed.

## Import Data

To import your data into the the new version, in the **Admin** under **Import & Export | System** scroll down to display the **Import System** parameters.

Specify the **System Zip File or Directory** to import from and select "Import"

## Import System

 **This will wipe all existing Artifactory content - please make sure to back up first!**

System Zip File or Directory

c:\work\20130404.103948



Exclude Content 

Exclude Metadata 

Output Verbose Log 

Import



### Adding a Timestamp

You must add the timestamp to the name of the Zip File or Directory field after completion of the import process.

## Upgrading from v2.2.x and Above to v3.x

For this upgrade procedure, first you need to upgrade to version 2.6.7, and then to the new version as follows:

- Export data from the current version to create a backup (in case something goes wrong during the upgrade procedure).
- [Install v2.6.7](#)
- [Upgrade](#) to the new version

## Export Data

To export the data from your current version, select the **Admin** tab and then go to **Import & Export | System** to display the **Export System** parameters.

Define your **Target Export Dir** as displayed below:

## Export System

Target Export Dir

c:\work



Exclude Content 

Exclude Metadata 

Exclude Builds 

Create .m2 Compatible Export 

Create a Zip Archive (Slow and CPU Intensive!)

Output Verbose Log 

Export



### Using Data from a Backup

If you have an up-to-date backup, you can skip the Export and use the data from your backup instead.

Full details on using Export and Import can be found in [Importing and Exporting](#).

## Installing v2.6.7

To upgrade to v2.6.7 execute the following steps:

- Replace the `[$ARTIFACTORY_HOME]/webapps/artifactory.war` file with the `artifactory.war` file provided in the v2.6.7 distribution
- Delete the `[$ARTIFACTORY_HOME]/work` folder.
- Start the Artifactory server

## Upgrading to the New Version

To upgrade to the new version, please refer to [Upgrading from v2.6.7 and Above to v3.x](#)

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## Upgrading from Versions Prior to v2.2

To upgrade from a version prior to 2.2 you first need to upgrade to version 2.6. For details on how to perform this upgrade please refer to [Upgrading Artifactory to Version 2.6.x](#).