

# JFrog Bintray Migration Guide

## Overview

JFrog is sunsetting JFrog Bintray during 2021 and provides separate migration schemes for the two main licensing plans - the Open Source plan and the Premium plan that umbrellas the Pro and Premium offerings dedicated to enterprise users.

The purpose of this guide is to provide you as a Premium Enterprise user with the information required to determine which of the JFrog solutions best meets your needs together with a migration process from JFrog Bintray to the JFrog solution.

### JFrog Bintray Sunset Timeline

As of July 4th, 2021, JFrog Bintray Premium will no longer be supported and will be replaced with a set of advanced JFrog Cloud hosting solutions that are based on Artifactory's enhanced capabilities that include a set of dedicated features for managing, controlling and distributing your software packages.

As of May 1st, the JFrog Community Centers will be sunset.

To streamline the productivity of the JFrog Platform we will be sunsetting Bintray (including JCenter), GoCenter, and ChartCenter services. Users of these services will need to migrate to the respective canonical repository, and we will continue to offer both [free and paid JFrog Platform cloud subscriptions](#) that can serve other binary distribution needs. Additionally, JFrog is partnering with hubs like [Docker](#) to help ensure that infrastructure our customers and community depend upon is well maintained. To learn more, click [here](#).

### JCenter

To clarify, the JCenter repository will keep **servicing packages** for 12 months until **February 1st, 2022**. Only the JCenter REST API and UI will be sunsetted on May 1st 2021.

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## JFrog Software Distribution Solutions

The following solutions are an alternative offering to Bintray Premium and support key functionality for distributing software.

- **JFrog Cloud with CDN Distribution:** Supports distributing your software packages from JFrog Cloud via Amazon's CloudFront CDN. [Read More >>](#)
- **JFrog Distribution:** Supports distributing your software packages hosted in Artifactory to your Edge nodes using Release Bundles. [Read More >>](#)


Using the advanced JFrog distribution solutions, you will gain:

- Extended universal package supporting all major package formats including Docker, Maven, NPM, Conan, RPM (Yum), Generic, Vagrant, Helm, and more. For a full list, see the [Supported Package Table](#).
- Advanced security options including support for SAML, LDAP, OAuth, CNAME/SSL, and Access Tokens.
- A fine-grained permission model allowing you to assign role-based or user-based permissions to areas in your repositories.
- A set of dedicated Developer tools including a REST API, CLI, and JFrog's propriety AQL (Artifactory Query Language).

The purpose of this guide is to provide you as a Premium Enterprise user with the information required to determine which of the JFrog solutions best meets your needs together with a migration process from JFrog Bintray to the JFrog solution.

## JFrog Bintray Migration Matrix

The following table lists the similarities and differences between JFrog Bintray, JFrog Cloud, and JFrog Distribution.

 The majority of the Bintray features have corresponding capabilities in JFrog Cloud but they do not provide 100 percent coverage.

Feature/Functionality	JFrog Bintray	JFrog Cloud with CDN Distribution	JFrog Distribution
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Signed URLs			
Geo Restrictions			
IP Restrictions			
<a href="#">Fine-grained permissions model</a>			
Dedicated developer tools - <a href="#">REST API</a> , <a href="#">CLI</a>			
CNAME SSL		 MyJFrog	 MyJFrog
Premium Dashboard		 MyJFrog Customer Portal	 MyJFrog Customer Portal
Universal Package Management	9 package types	Over 23 package types. (See <a href="#">Supported Package table</a> to check for CDN Support)	Over 23 package types
Repository support	Local repositories only	Local, remote and virtual repositories	Local, remote and virtual repositories
Dedicated and isolated environments			
Authentication using <a href="#">SAML SSO</a>			
Multiple cloud providers		AWS Only	
Additional authentication options including <a href="#">OAuth SSO</a> or <a href="#">LDAP</a> with the ability to use LDAP integration for group syncing.			
A single CI/CD platform			
Supports hybrid technologies			
Control download access on the repository level			
<a href="#">Artifactory Query Language (AQL)</a>			
Package Reviews			
Content Update Restrictions			
Reporting <ul style="list-style-type: none"> <li>Usage Statistics</li> <li>Download Trends</li> <li>Geo Consumption</li> </ul>		Log Analytics or Artifactory Access Logs	Log Analytics or Artifactory Access Logs
Github Integration		Partial	Partial
Business units and charge back ( <b>Bintray Enterprise Feature</b> )			
Firehose API ( <b>Bintray Enterprise Feature</b> )			
Product Model and Eula ( <b>Bintray Enterprise Feature</b> )			
ReadMe and Release Notes		Partial	Partial
Webhooks		 Coming Soon	 Coming Soon

## Supported Package Types

Package Type	JFrog Bintray	JFrog Cloud with CDN Distribution	JFrog Distribution
Generic			
Conan			
Debian			
Docker			
Maven			
npm			

NuGet	✓	✓	Direct Download (CDN Not Available)	✓
Opkg	✓		No CDN Support	✓
rpm	✓	✓		✓
Vagrant	✓	✓		✓
Bower	✗	✓		✓
Cargo	✗	✓		✓
Chef	✗	✓	Direct Download (CDN Not Available)	✓
CocoaPods	✗	✓	Direct Download (CDN Not Available)	✓
Composer	✗	✓		✓
Conda	✗	✓		✓
CRAN	✗	✓		✓
Go	✗	✓	Direct Download (CDN Not Available)	✓
Git LFS	✗	✓		✓
Gradle	✗	✓		✓
Helm	✗	✓		✓
P2	✗	✓	Direct Download (CDN Not Available)	✓
PHP	✗	✓		✓
PyPI	✗	✓		✓

To get started with the migration process, see [Migrating Bintray Premium Settings to JFrog Artifactory](#).

## Performing Bintray Tasks in JFrog Cloud

The following table is a quick reference to common functionalities in the JFrog Cloud, including their new locations and any functional changes.

Bintray Feature	Functionality	Location in the New UI	Comments
Entitlements	<a href="#">Permissions</a>	<b>Admin   Identity and Access   Permissions</b>	
Watches	<a href="#">Followers</a>	<b>Application   Artifacts Repository Browser   &lt;Package_Name&gt;   Followers tab</b>	The Followers feature allows you to monitor selected artifacts, folders or repositories for storage events (create/delete/modify) and receive detailed email notifications on repository changes that are of interest to you. For more information, see <a href="#">Followers</a> .
Logs	<a href="#">Viewing Live Logs</a>	<b>Admin   Artifactory   Advanced   Log Analytics</b>	The SAAS based environment does not provide direct access to the log files via a log agent or via API. We recommended monitoring your logs in real time by using Sumo Logic integration. For more information, see <a href="#">Log Analytics</a> .  Live logs can be checked out via the System Logs Viewer. For more information, see <a href="#">System Logs Viewer</a>
Read Me and Release Notes	<a href="#">Adding a Readme text file to Packages and/or Versions</a>	<b>Application   Artifactory   Artifact Browser   Package Type   ReadMe</b>	<ul style="list-style-type: none"> <li>Applies to npm packages versions</li> <li>The ReadMe tab is available for Npm Package versions.</li> <li>If the readme file is embedded in your software archive, you can view in the the Artifact Browser.</li> </ul>

Licenses	Assigning Software Licensing to Packages in Bintray	<b>Admin   Artifactory   General   Property Sets</b>	You can assign a license as a property set in the JFrog Platform. For more information, see <a href="#">Property Sets</a> .
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