The JFrog Platform on Microsoft Azure allows your teams to deliver software releases more quickly and efficiently. It provides the business flexibility and scalability demanded by today's modern software organizations to innovate and deliver ahead of the competition.

The universal, highly available enterprise DevOps Platform empowers you with trusted and expedited software releases from code-to-edge node. Efficiently distribute immutable release bundles and automate the delivery of software updates, while gaining visibility into your DevOps pipeline and metrics to remove bottlenecks and optimize your release processes.

The Platform supports hybrid and cloud environments hosted on Microsoft Azure through subscription from either JFrog or the Azure Marketplace.

**SOLUTION SHEET**

**THE JFROG PLATFORM ON AZURE**
Managing Your DevOps Pipelines From a Single Pane of Glass

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**Benefits**

- Supports all major build packages
- Increases software delivery speed and quality through standardization and automation of processes
- Improves productivity through integration with your ecosystem and DevOps tools
- Identifies and mitigates known security vulnerabilities and open source license violations
- Provides access to all JFrog services, administration, permissions, and metadata from a single pane of glass
- Accelerates the time to synchronize remote repositories, even overcome limited bandwidth and network lag
- Orchestrates and optimizes all key processes of your CI/CD pipeline
- Enables secure transmission of immutable release bundles and metadata atomically that are verified at destination
- Identifies bottlenecks so you can optimize your release processes
- Supports hybrid or cloud environments

**TRY IT YOURSELF**

Click here to get your free trial
UNIVERSAL REPOSITORY MANAGER

At the heart of JFrog Platform is JFrog Artifactory, the industry standard for universal binary repository managers. Artifactory provides end-to-end automation and management of binaries and artifacts throughout the application delivery process.

- Improves productivity across your development pipeline
- Ecosystem freedom with support for all major CI/CD platform and DevOps tools you already use
- Support 25+ packages such as Conan, Debian, Docker, Helm, Maven, npm, NuGet, and PyPI
- Kubernetes ready supporting containers, Docker, Helm Charts, and is your Kubernetes and Docker registry.
- Full CLI and REST APIs customizable to your ecosystem

REDUCE SECURITY & COMPLIANCE RISK

JFrog Xray is a universal software composition analysis (SCA) solution that natively integrates with Artifactory, giving DevSecOps teams an easy way to proactively identify open source vulnerabilities and license compliance violations, before they manifest in production.

- Deep recursive scanning examines all the underlying layers and dependencies of components even those packages in Docker images, and zip files
- Be confident with the most timely and comprehensive vulnerability intelligence VulnDB, plus other sources of vulnerabilities, license compliance, component versions and other
- Unprecedented visibility of your artifacts and dependencies enables Xray to provide an impact analysis of any issues discovered in your software

DELIVER GLOBAL UPDATES

JFrog Distribution efficiently distributes immutable release bundle and automated the delivery of your software updates.

- Distribution signed and verified release binaries in a single coherent release bundle to ensure security
- Overcome limited bandwidth and network lag through replication optimization
- The replication process dramatically reduces network load and release bundle synchronization time between Artifactory source and target

UNIFIED EXPERIENCE & ACCESS

The JFrog Platform unifies the user experience and management of all the JFrog services into a single pane of glass:

- Access Artifactory, Xray, Pipelines, Access, Distribution and Mission Control from one location
- Puts all of your metadata, searches, users setups, configurations, and permissions together
- JFrog Access allows services to be federated into a single “Circle of trust”
- Synchronize users, groups and permissions between sites rather than having to define them separately
- Enables single-sign-on to all JFrog services within the circle of trust

OPTIMIZE RELEASE PROCESSES

JFrog Mission Control is a single access point and dashboard, for managing all JFrog services under your administrative control, whether they are installed on your own site or at geographically remote sites.

- Gain visibility into metrics and correlated analytics of your software development lifecycle performance through a unified and comprehensive dashboard
- Identifies bottlenecks so you can optimize your release processes

PIPLINES AS CODE

JFrog Pipelines is a next generation CI/CD automation and orchestration tool that embraces and enhances your pipeline processes by providing a centralized command and control mechanism across all your DevOps pipelines.

- Create workflows with pre-built blocks and interactive diagrams, and graphical display, using simple declarative YAML-based language
- View and manage all the workflow of your entire DevOps ecosystem from a single pane of glass in real-time
- Easily integrates with popular DevOps tools you already use for source control, storage, issue-tracking, notification, orchestration, and more

MANAGE CONTAINERIZED MICROSERVICE

JFrog Artifactory supports Kubernetes, the de facto orchestration tool for automating, deployment, scaling, and management of microservices and containerized applications.

- Gain insight and full control of your code-to-cluster process
- Secure, robust Docker is the single access point to manage an organize Docker images
- Use Artifactory as your Kubernetes registry to manage application packages, operating system’s component dependencies, open-source libraries, Docker container, and Helm charts with full visibility of all dependencies

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JFROG DEVOPS SOLUTIONS ON AZURE

Running your JFrog DevOps solutions on Microsoft Azure enables the use of secure and scalable Azure services such as ARM, VS Code, AKS, Azure DevOps and Azure Active Directory. JFrog and Azure provide your business with solutions and tools to help accelerate your software development. This empowers you to focus on innovation and delivering your offerings ahead of the competition. JFrog provides a universal end-to-end DevOps platform for automating, managing, securing, distributing, orchestrating, monitoring, and optimizing your CI/CD pipeline. It can be configured and tailored to meet your business needs; whether you are a young startup, an established SMB, or a global enterprise.

JFrog solutions are conveniently available in the Microsoft Azure Marketplace, providing consolidated billing on your cloud bill. Find the right plan for you.

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<thead>
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<th>Plan feature summary</th>
<th>Free</th>
<th>Pro team</th>
<th>Enterprise</th>
<th>Enterprise+</th>
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About JFrog

JFrog is on a mission to enable continuous through liquid software, empowering developers to code high-quality applications that securely flow to end-users with zero downtime.

“JFrog Enterprise+ increases developer productivity and eliminates frustration. JFrog Distribution is basically a CDN on-Prem that enables us to distribute software to remote locations in a reliable way. Whereas, JFrog Access Federation gives us the ability to share credentials, access and group members across the different locations with ease.”

Artem Semenov
Director, Cloud Engineering  Align Technology

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