Liferay®

Cloud

Scale and manage your solutions more efficiently and securely in the cloud.

Leverage Liferay's cloud infrastructure and tooling to simplify, secure, and deliver digital applications on Liferay DXP. Deploy Liferay DXP any way you need, including using Liferay's SaaS or PaaS offerings.

Benefits

Ensure business continuity and performance with infrastructure that is able to scale and grow.

Rely on enterprise-grade security with a solution that has been designed with a Secure by Design approach and validated by third-party organizations.

Let the Liferay team handle maintenance, upgrades, and updates so that you can have the time to focus on what matters for your business on Liferay SaaS.

Accelerate application development and deployment with a complete DevOps CI/CD strategy, tools, and workflow on Liferay PaaS.

With Liferay's Cloud Capabilities, you have access to:

Robust Cloud Infrastructure

Our cloud infrastructure is built on world-class technology to ensure business continuity and excellent performance.

Liferay Cloud uses the GCP POP Network and the GKE Ingress to improve web traffic coming from ISP networks, providing a sophisticated form of DDoS protection, CDN, load balancing, and WAF. Liferay Cloud also uses Kubernetes to automate, scale, and manage service Docker container images, enabling flexible traffic access.

Whether you manage infrastructure and tools directly will depend on what offering you select. You can leverage Liferay DXP through our SaaS, PaaS, and Self-Hosted offerings.

Learn more about the differences between each offering **here.**

Application Management

On Liferay PaaS, you can manage your applications with just a few clicks. On Liferay SaaS, the Liferay team will manage your Liferay DXP application for you. Liferay provides tools for environments management, log management, backups, and custom domains.

Development Lifecycle for Liferay PaaS

Liferay PaaS provides CI/CD tools to help you streamline the development cycle to enable zero downtime deployments. Take advantage of a full CI strategy with our out-of-the-box Jenkins instance. Run automated unit tests, integration tests and inspection of code quality.

Maintenance Handled by Liferay for Liferay SaaS

With Liferay SaaS, the Liferay team will handle maintenance, upgrades, and updates so that your team has the time back to focus on what matters to your business. Liferay's responsibilities include:

- Performing platform maintenance according to a predetermined schedule

- Running updates and upgrades on the Liferay services weekly.

- Managing cloud infrastructure, database, web server, search, tuning, performance, and security

Learn more about what Liferay will manage for you with **Liferay SaaS here.**

Cloud Security Features

Liferay Cloud is designed with security in mind. Liferay's certification program includes ISO 27001/ 27017/ 27018, SOC 2 Type 2, HIPAA, and CSA STAR Level 2.

Liferay has established a rigid Software Development Life Cycle (SDLC) that starts with using best practices for requirements and design threat modeling, secure code development based on OWASP recommendations, code review and QA compliance. Security testing is applied throughout the development process, starting with manual source code review, 3rd party dependencies checks, through regular static

code analysis, dynamic security tests and penetration tests. Development, test and deployment environments are separated and rely on a change-management strategy. The entire lifecycle is designed to ensure that only clean, secure, tested and reviewed code is released into our production environment.

With our SaaS and PaaS offerings, Liferay provides:

- Self-Healing Recovery Strategies. Liferay possesses advanced self-healing capabilities to ensure high availability for your applications. Should an incident occur, the entire infrastructure can be brought back online within two hours.

- Automated backups ensure that data and documents are protected and ready for restoration in case of data corruption or failure.

- 99.95% monthly availability of the Liferay Cloud Infrastructure.

- Compliance with data protection laws. Liferay's commitment to the secure processing of our customer's data in accordance with the applicable data protection laws, such as General Data Protection Regulation (GDPR) and California Consumer Privacy Act (CCPA). Liferay DXP includes features to anonymize user personal data and export of the user data.

- Regular updates and security checks. Liferay will release regular bug fixes and feature updates to ensure your applications are secure. With Liferay PaaS, your team will need to implement these updates, and with Liferay SaaS, the Liferay team will implement these updates for you.

Learn more about **Liferay's security measures here.**

Next Steps

Launch Liferay DXP using whatever deployment method you prefer. Both Liferay SaaS and PaaS will give you access to a full library of native experience-building capabilities on a flexible architecture, giving you the flexibility to build current solutions and future ones, as your business needs expand. To view all of Liferay DXP's capabilities, visit: liferay.com/capabilities.

Ready to see how you can leverage Liferay's cloud offerings?
Request a demo at liferay.com/request-a-demo.