Liferay Experience Cloud Self-Managed

Features List

Manage Liferay DXP in the Cloud

Evolve, manage, and scale the solutions your users need securely and quickly with Liferay Experience Cloud Self-Managed (previously known as DXP Cloud). Designed to give you the power of the cloud along with full control of the platform, Liferay Experience Cloud SM includes built-in autoscaling, development tools, environments, monitoring, disaster recovery, and much more, all designed with years of in-house Liferay expertise. Enable a real end-to-end digital transformation strategy that allows your team to stay on the edge of innovation, cutting down the time it takes to manage DevOps complexity and redirecting IT resources to where they can deliver new business value.

Key Benefits

Focus on What Matters

Simplify infrastructure management, saving your IT resources for the most important business priorities.

Deliver With Confidence

Rest on Liferay's best practices refined over thousands of mission-critical deployments.

Evolve Faster

Achieve faster time to market with enterprise-grade tools that boost developer productivity.

Learn more about Liferay DXP with our features overview.

Liferay Experience Cloud SM Features

Performance and High Availability

Leverage customizable self-healing processes and performance optimizations to ensure high availability for your applications.
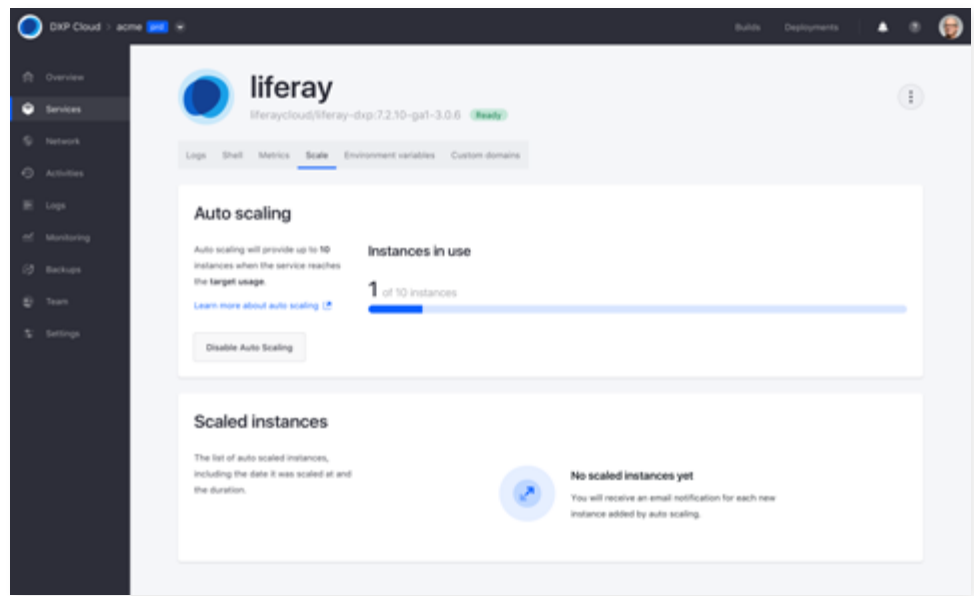

* Please note that DXP Cloud is now Liferay Experience Cloud SM

Automatic Disaster Recovery	Get automatic disaster recovery by having your services replicated between three Availability Zones in different geographic locations within the same region.
Cross-region Disaster Recovery	Execute a well-defined plan in the extremely unlikely event of a compromise in all three Availability Zones in the same region at the same time.
HTTP/2	Reduce the number of network round-trips by having HTTP/2 enabled by default in all services. Handle traffic loads with more speed and fewer resources.
SSD	All Liferay Experience Cloud SM deployments are backed by SSD edge servers around the world for superior performance.
Auto Scaling	Face the unexpected with our auto upscaling and downscaling capabilities. Shape your computing capacity according to your needs.

Zero Downtime Deployments	Reduce service interruption by having a zero downtime deployment strategy. Maximize uptime and relieve anxiety about maintenance windows.
Self-Healing	Create custom health checks and configure the way your services will behave when issues arise to achieve automatic self-healing.
Multi-AZ Database Instance	Synchronously replicate your data to a standby instance in a different Availability Zones (AZ).

Development Lifecycle

Streamline the development cycle with a full CI/CD strategy that enables zero downtime deployments.
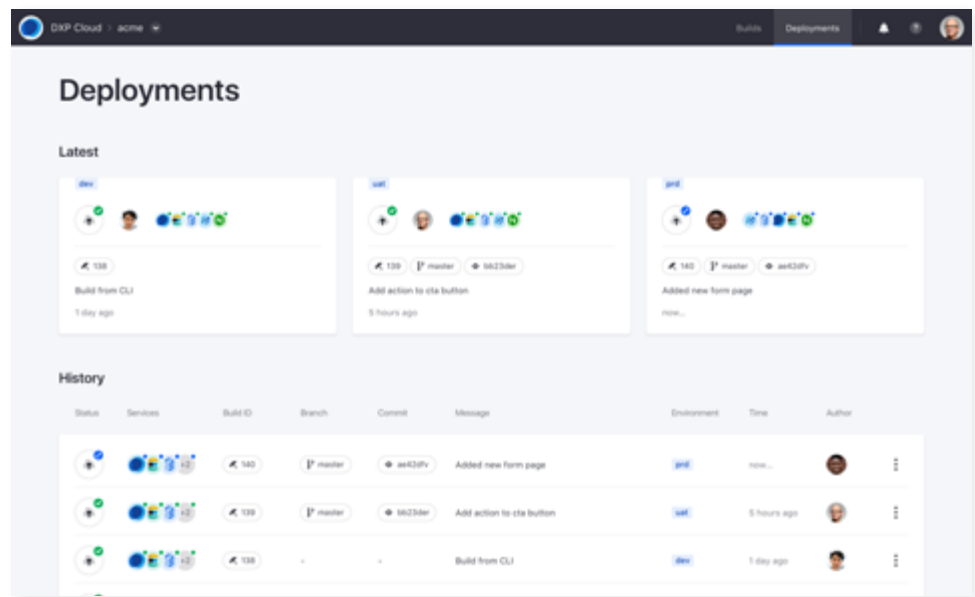

Continuous Integration	Take advantage of a full CI strategy with our out-of-the-box Jenkins instance. Run automated unit tests, integration tests, and inspection of code quality.
Continuous Delivery	Trigger a new build on every new commit and choose which environment you want to deploy to. Ensure that your system can be reliably released at any time.

CDN	The built-in CDN caches your content globally, greatly enhancing your delivery speed.
Shell Access	Access SSH directly from your browser or terminal so you can easily manage services and perform commands within a consistent interface.
GitHub, Gitlab, and Bitbucket Integration	Integrate with GitHub, Gitlab, and Bitbucket so that Liferay Experience Cloud SM can automatically build services from a specified repository.
Dependency Management	Declare the dependencies of your services and make sure they are deployed in the sequence that is best for your application.
Real-Time CI Activity	Complete visibility of your Continuous Integration, allowing you to track the full deployment process through Jenkins.
Isolated Load Balancer	The load balancer features a dedicated IP to isolate the public traffic and has built-in protection against DDoS attacks.
Persistent File System	Keep your files in the same state even after re-deployment or restarting of your services.
Port Configuration	Open multiple TCP/UDP ports per service, choose what HTTP port to expose in your load balancer, or block outside access to a service if needed.

Application Management

Liferay Experience Cloud SM's straightforward interface enables you to manage applications with a few clicks.
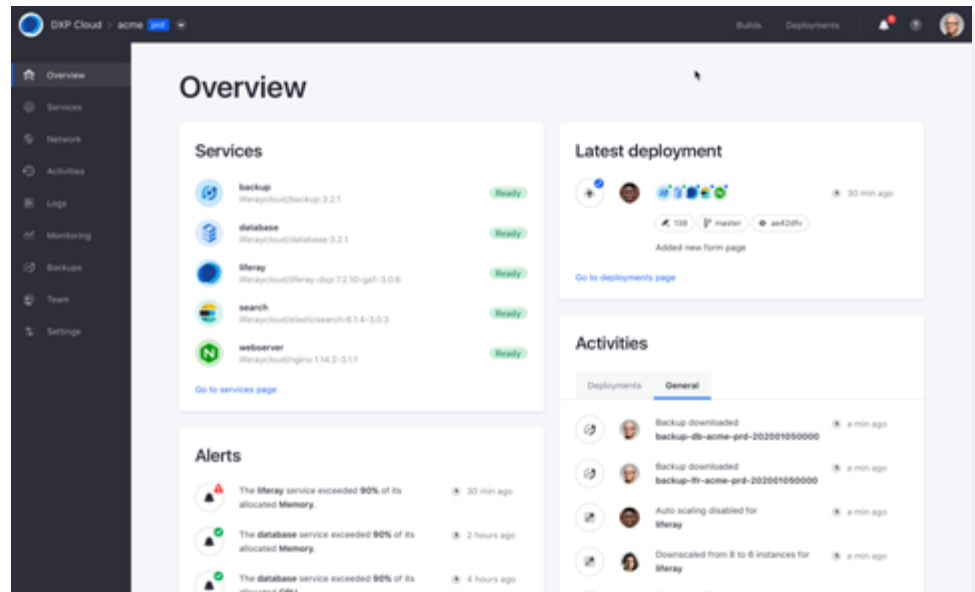
Environments Management	Easily manage environments like QA, UAT, or PROD. Organize releases and share different versions with the people you need to.
MySQL Client	Access your database and view records on the Liferay Experience Cloud SM console anytime via shell.
Log Management	Troubleshoot bugs by looking at your application logs from our web console, command-line tool, or simply download the logs to use your preferred tool.
Manual Backups	Ensure that your data and documents will always be protected. Create backups at any time with just one click.
Scheduled Backups	Define a schedule to automatically create backups. Use hourly, weekly, monthly, or any frequency you need and always be protected in case of an emergency.
Backup Restore	Restore backups to any environment. Backups are saved and available to download for 30 days.

Environment Variables	Set environment variables to adjust the way a service will behave in each environment. Protect credentials, secret keys, or any other information.
Custom Domains	Easily add custom domains by creating A records from your preferred DNS tool and pointing them to your services.
Multi-Region	Create environments in different regions such as the US, Germany, Brazil, India, Australia, and more. Improve network latency by having a location close to your users' requests.

Monitoring

Stay on top of each project's performance and health with real-time monitoring and advanced metrics.
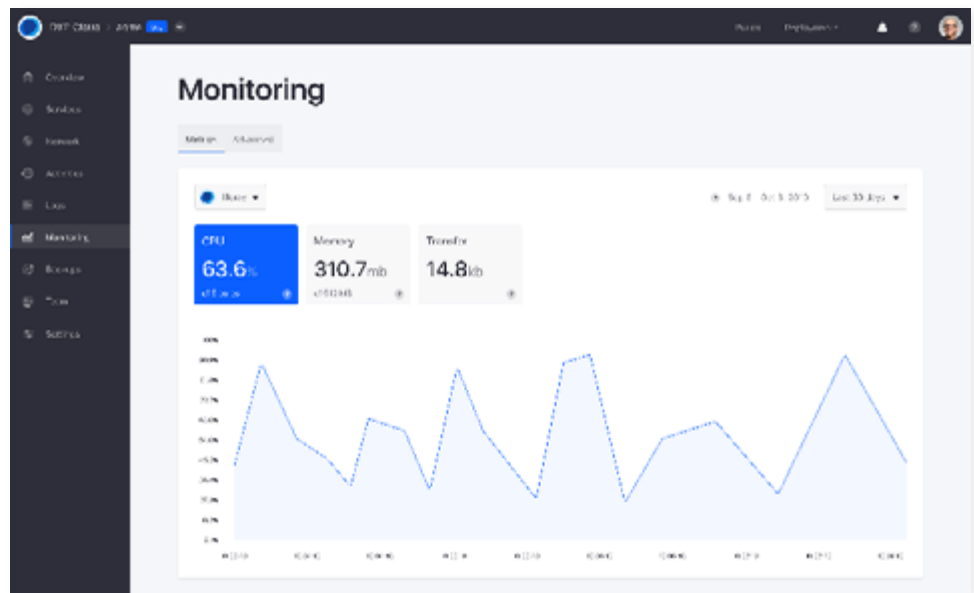
Usage Monitoring	Track how much CPU processors, Memory (RAM), and Transfer in/out are being consumed by your services over time.
Advanced Monitoring	Get JVM, garbage collection, response time, and many other metrics with our out-of-the-box Dynatrace integration.

Real Time Alerts	Be the first to know when there's a problem. Get alerts instantly about your CPU, Memory, Storage, and Transfer usage.

Governance

Ensure projects stay protected with advanced permissions and roles that match your governance policies.
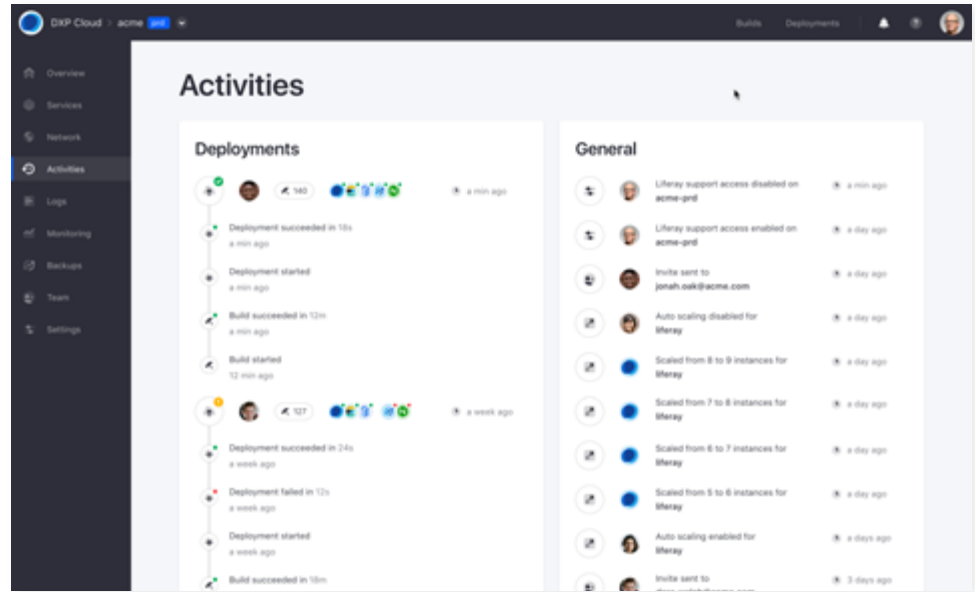
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Access Control	Invite team members and enable secure collaboration by controlling the level of access and permissions to each of your project environments.
Team Activities	Have full visibility over all the activities made by the team members of your project in each environment.
Support Access	Choose to enable/disable support access on your environment, in order to allow Liferay support members to analyze and diagnose issues.

Security

Deploy with the confidence that your project and data will stay secure in the cloud.
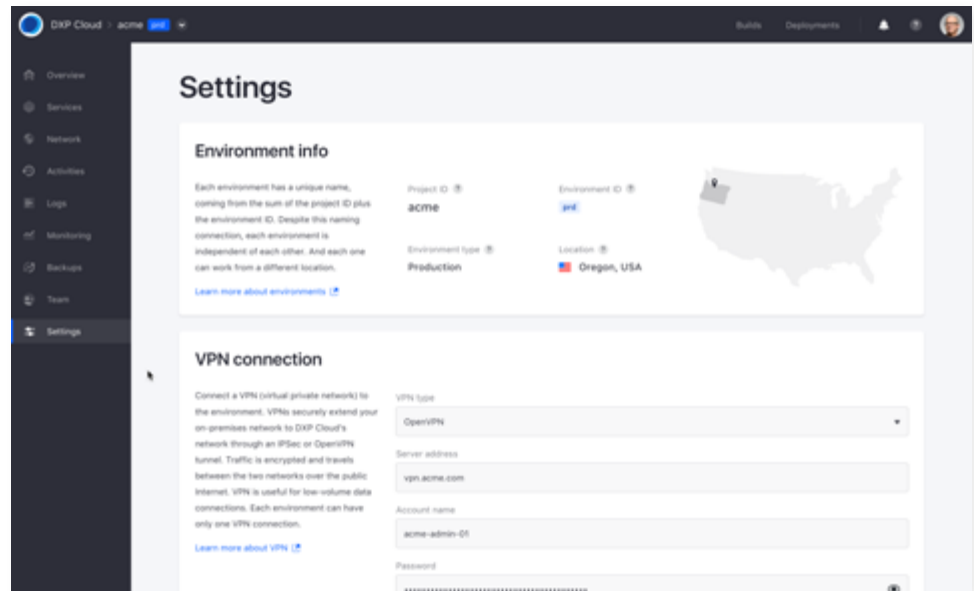
Secrets	Manage Secure Environment Variables for any environment with Secrets. Make sensitive or private information of your project only viewable by the specific user roles.
Private Network	Enable services to communicate securely between each other via hostname within their own private network.
Public/Private Access	Choose between having a service accessible to the public or only available within a project's private network.
HTTPS	Encrypt traffic and secure the way you send data between your services and browsers. Generate SSL certificates and their renewals automatically.
Custom SSL	Use SSL (Secure Socket Layer) certificates to encrypt all web traffic data. These certificates can be used indefinitely or you can add your own SSL configurations.

Single Sign-On	Connect your enterprise Single Sign-On Identity Provider using industry standards such as SAML 2.0 or Open ID Connect.
Database with Encryption at Rest	Add an extra level of security with a database that has encryption at rest and encryption in transit.
VPN Connection	Enable secure integrations by connecting your project to OpenVPN or IPSec (IKEv1, IKEv2, L2TP), and configure specific forwarding ports for maximum protection.

Moving Forward

Ready to see Liferay Experience Cloud SM in action? Request a live, customized demo from our Sales team so you can see exactly how Liferay Experience Cloud SM will solve your business challenges.

Request a Demo >

Liferay DXP is a leading platform for creating and managing digital experiences across web, mobile and connected devices for internal and external audiences. In addition to Liferay Experience Cloud SM, companies can purchase Liferay DXP as an on-premise solution.

Download the Liferay DXP Features Overview >

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