



Julia Molano, Pablo Agulla, Mateo  
Hermosín, Luiz Jardim, Bernard Mc Closkey

# Product Roadmap

What is next in Liferay

## Disclaimer

The following information contains forward looking statements that outline our general product direction. It is provided for information purposes only and may change at any time without notice.

# DXP Product Strategy

## Focus on specific Solutions

Ensure a more complete offering for our target use cases

Market Fit

## Improve Developer Experience

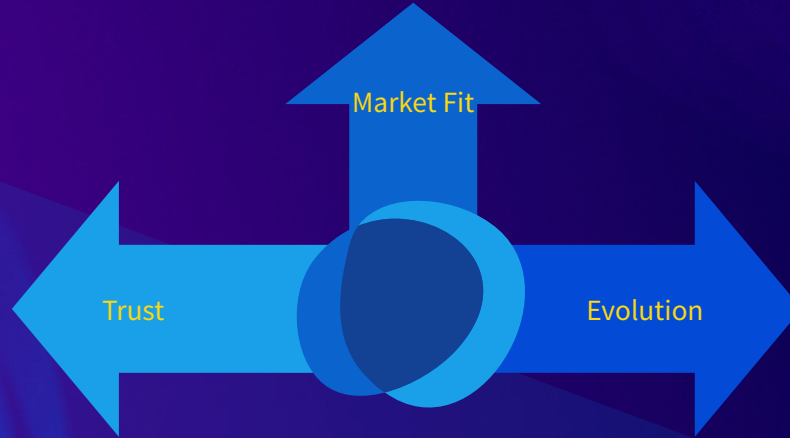
Reinforce Low-Code & No-Code  
Client Extensions paradigm change  
Marketplace

Trust

Evolution

## Better Release Reliability

New Launch Framework



# Experience Builder

Full interaction with no-code data modelling

No-code dynamic behavior (Rules)

Integration with actions

Rich multi-step experiences

Increase control over pre-publish page validations

Page performance analysis

Improve page resilience upon failures

The screenshot shows a web page titled "DevCon Call for Papers" with a submission form and informational content. The form includes fields for Title, Abstract, Presenter Name, Presenter email, Presenter Bio, and Presenter Country. It also features a "Topic" selection section with checkboxes for Objects, Low Code, Theming, Client Experiences, and Other. To the right of the form, there are three informational cards: "Need inspiration?" with links to "API Builder for faster low code development", "Build your own Data set with the new low-code Dataset Manager", and "Display related object definitions in content pages". Below the form, there is a "Submit" button and a "Get in touch!" section with the email address devcon-team@liferay.com. The footer contains the Liferay logo, navigation links for FAQs, ACCOMMODATION, and AGENDA, social media icons, and the text "Powered By Liferay | © 2023 Liferay Inc. All Rights Reserved | Privacy Policy" and "Deutsches Institut für Fernstudien".

# Experience Builder

## Design Libraries

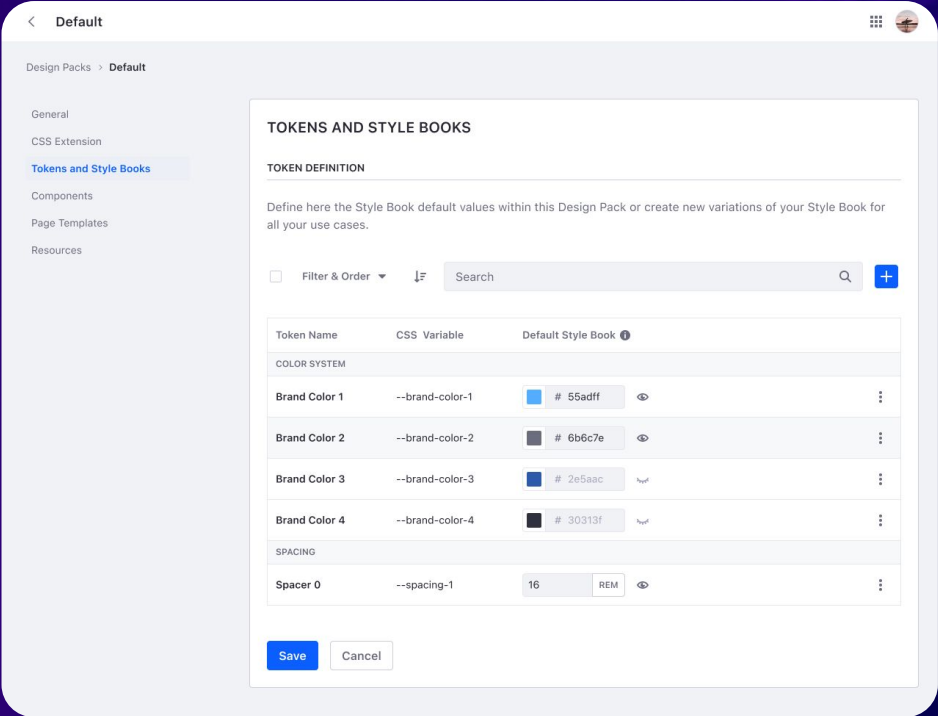
Share design resources across multiple sites

No-code Themes

## Pages and Fragments DevExp compatible with LXC

Robust Pages export-import process

Fragments as Client Extensions, integrated with Workspace



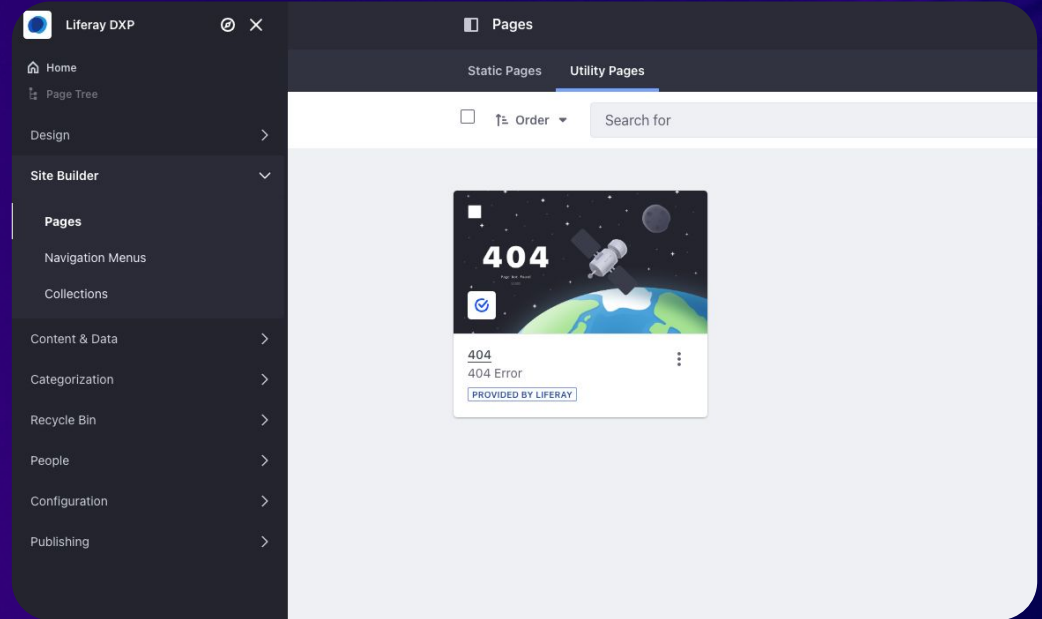


# Experience Builder

## Utility Pages

Easy customization of secondary navigation pages with ready to use samples

- Login
- 500 Error
- Checkout



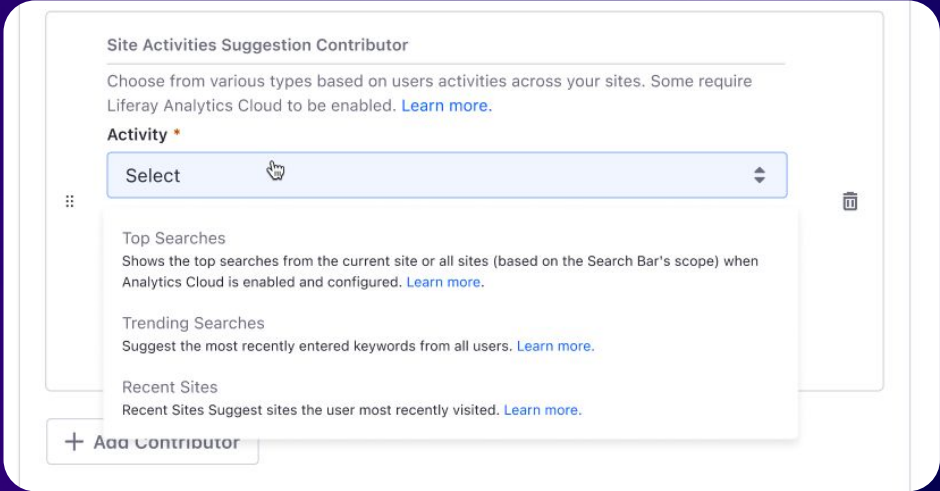
# Search Experience

## Search-as-you-type Suggestions & Analytics Data

Create personalized search and site navigation experiences by showing suggestions based on individual and aggregated user activities.

## Compatibility with Latest Elasticsearch Version

Providing support for operating Liferay with Elasticsearch 8 (opt-in)



# Search Experience

## Reindex & High Availability

Concurrent (Blue/Green) execution mode to allow users and site visitors to search while running a full reindex

## Search Blueprints as Collection Providers

Use Search Blueprints and its visual query builder as source for creating Dynamic Collections



# Content Management System

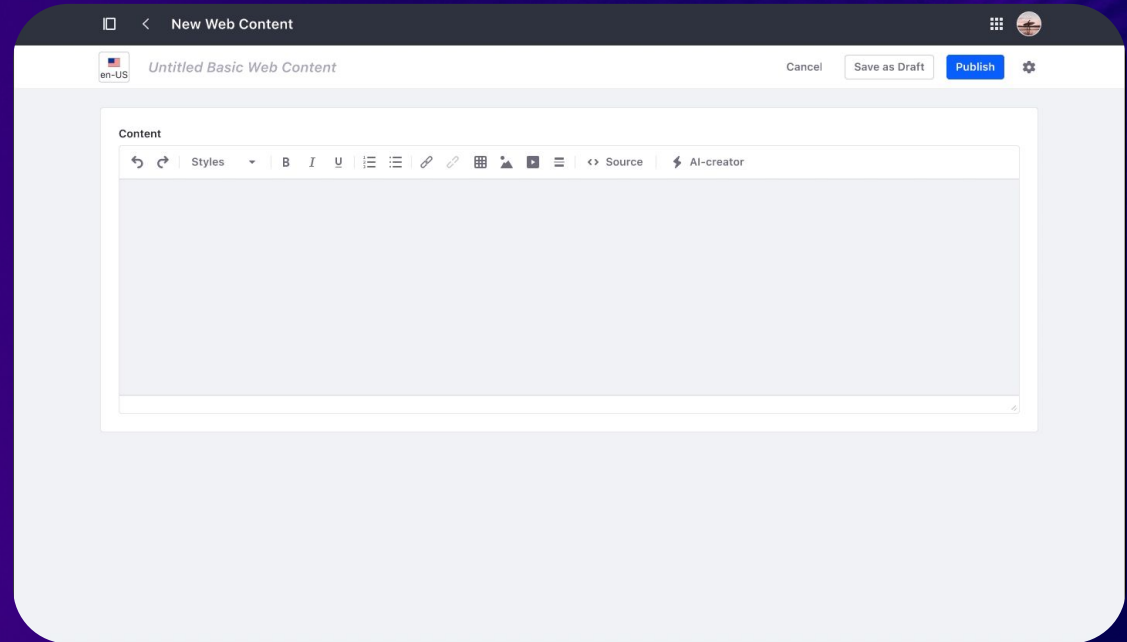
## More flexible and scalable Collections management

- Include more types of assets
- Improve filtering and sorting capabilities
- Review UX of variations

# Content Management System

## AI Integration for content generation

- ChatGPT for web content
- DALL-E for Images
- Support for configurable sources



# Analytics Cloud

## AC to be the content intelligence layer across the platform

- Support content governance and recommendation features
- Extend content tracking to all types of entities
- Headless first approach to extend Analytics Cloud interoperability
- In-context analytics to empower practitioners

# Order Management System

## Leveraging Orders Actions

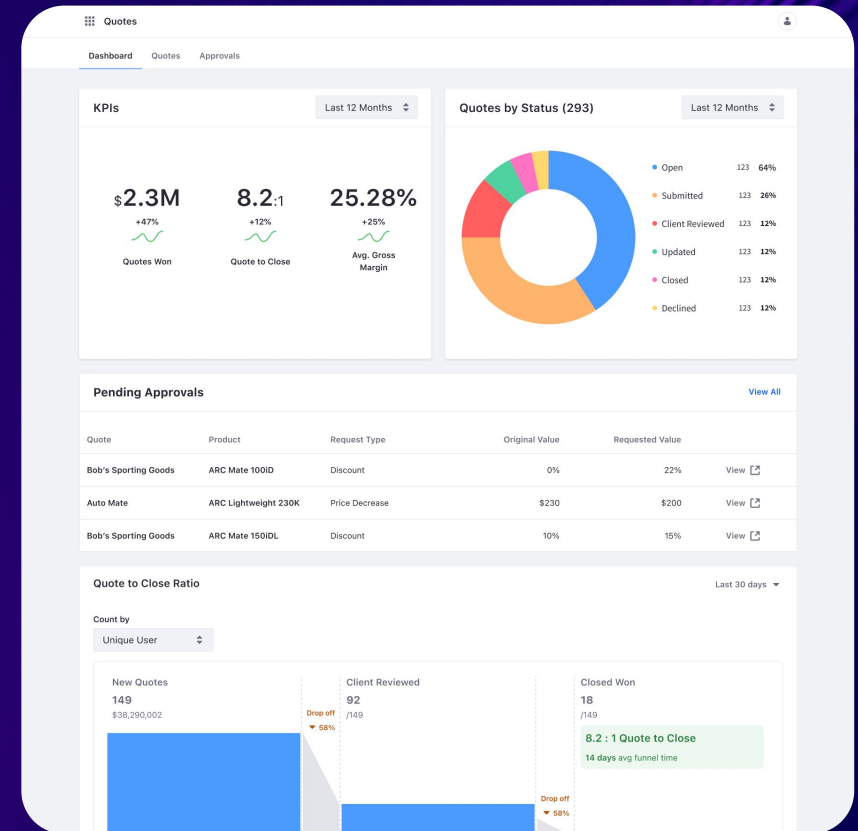
Orders are now available as system objects and we can now support more advanced use cases.

## Automated Supplier Orders

Automatically split Sales orders by Catalog into individual supplier orders for marketplace and multi vendor use cases.

## Returns

Out-of-the-box Returns and Refund flows that can be tailored with customer specific business rules



# Product Information Manager

## Supporting Product as System Object

Leverage Object capabilities in order to extend the Liferay product model and support more complex workflows and use cases

## Write-in Product Pricing & Discounts

Allow sales staff with permissions to dynamically update discounts and pricing on orders

Support off-catalog products

## Price on Application

Native support to restrict pricing to be only available on request as well as support the capability for customers to request quotes for catalog products or baskets



# Business Process Management

## Model Builder

More visibility and less clicks to manage platform models

## Automations

Evolution of Actions concept, having a sequence of them with business logic between steps, giving more control of the process to modelers

The screenshot displays the Liferay Model Builder interface for a 'Ticket System App'. The main workspace shows a grid of objects: 'Ticket', 'Employee ID', 'User', and 'Related Ticket'. Each object card lists its fields and their data types. For example, 'Ticket' has fields for ID (LONG INTEGER), External Reference Code (TEXT), Title (TEXT), and Assignee (RELATIONSHIP). 'Employee ID' has ID (LONG INTEGER), External Reference Code (LONG INTEGER), and User ID (RELATIONSHIP). 'User' has ID (LONG INTEGER), External Reference Code (TEXT), Email Address (TEXT), First Name (TEXT), and Middle Name (TEXT). 'Related Ticket' has ID (LONG INTEGER) and External Reference Code (TEXT). Relationships are visualized with blue lines connecting the 'Assignee' field of the 'Ticket' object to the 'User ID' field of the 'User' object, and the 'User ID' field of the 'Employee ID' object to the 'User ID' field of the 'User' object. A 'Success: Relationship successfully created.' message is shown at the bottom. On the right, the 'Relationship Details' panel is open, showing configuration options for the 'User ID' relationship, including Label, Name (userID), Type (One To One), Parent Object (User), Child Object (Employee ID), and Deletion Type (Prevent). The top navigation bar includes 'Saved', 'Create New Schema', 'Export as PDF', 'Save', and 'Publish Schema' buttons. A left sidebar lists the application structure under 'Objects Model Builder'.

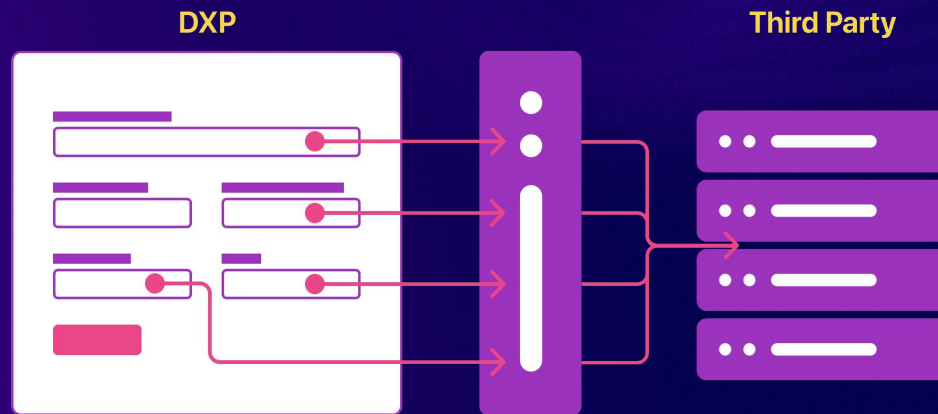
# Business Process Management

## Proxy Objects

Allowing users to manage data from third-party systems through Liferay without code

## Improving Low-code Data Modeling capabilities

New field types, enhancing user experience, and environment portability



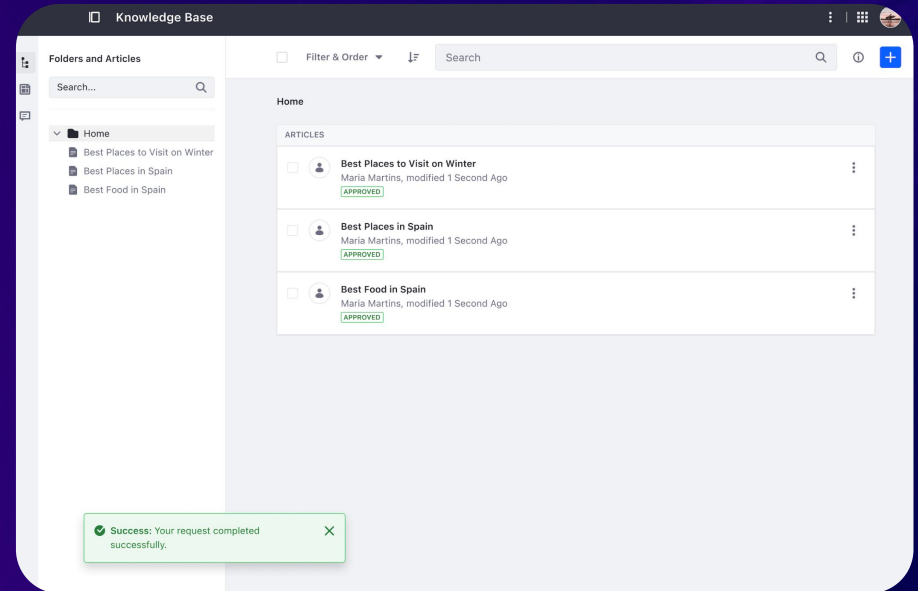
# Collaboration Suite

## Knowledge Base Modernization

Improvements in the user experience including table view

Adding drag & drop in folders and hierarchy

Updating management toolbar



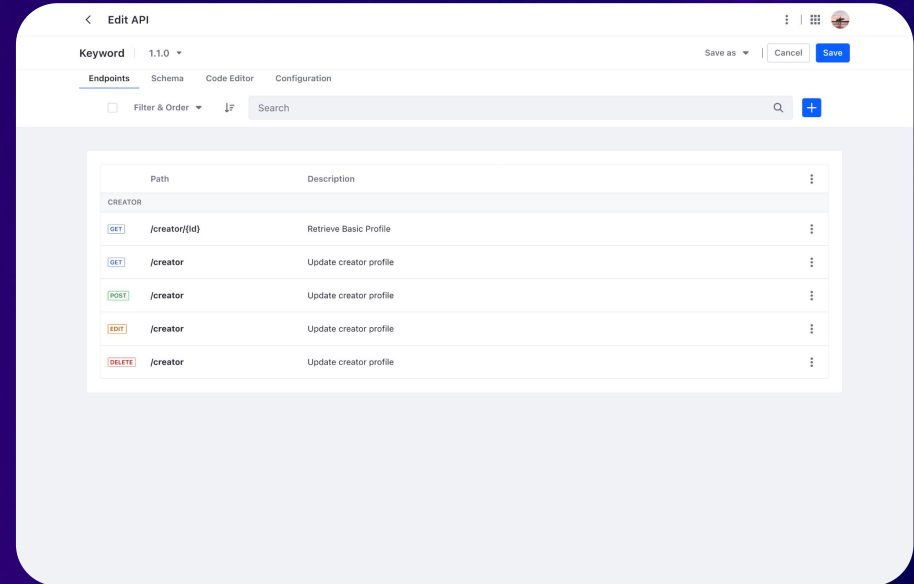
# Platform Experience & DXP Core

## API Builder

Provide built-in, scalable alternative to REST builder

Define and manage your API for your Object definitions

Portable API configurations to deploy in different instances



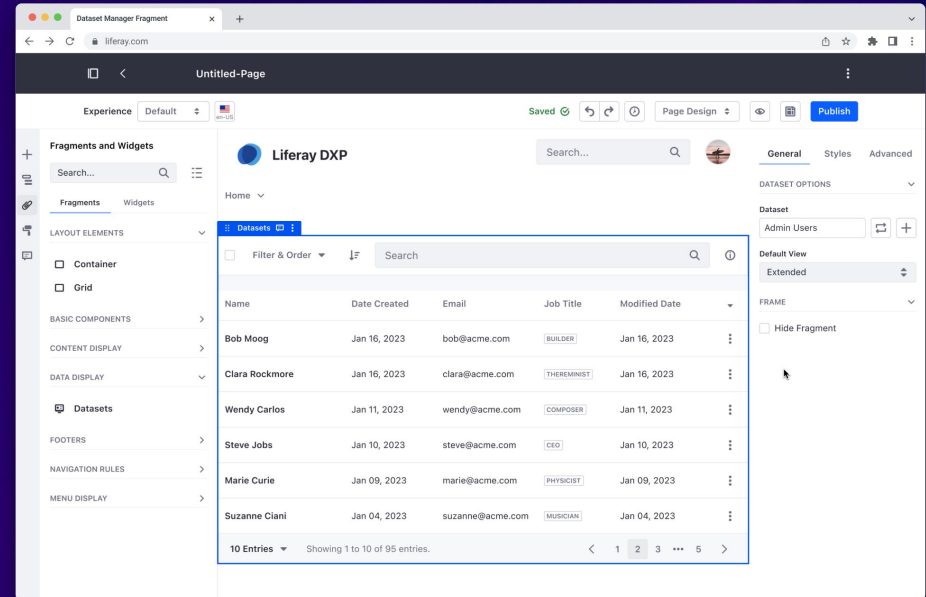
# Platform Experience & DXP Core

## Dataset Manager

Define data views for your headless resources

Customize the out of the box admin experience

Client extension support for rendering and filtering experience



The screenshot displays the Liferay DXP Dataset Manager interface. The main content area shows a table with the following data:

Name	Date Created	Email	Job Title	Modified Date
Bob Moog	Jan 16, 2023	bob@acme.com	BUILDER	Jan 16, 2023
Clara Rockmore	Jan 16, 2023	clara@acme.com	THEREMINIST	Jan 16, 2023
Wendy Carlos	Jan 11, 2023	wendy@acme.com	COMPOSER	Jan 11, 2023
Steve Jobs	Jan 10, 2023	steve@acme.com	CEO	Jan 10, 2023
Marie Curie	Jan 09, 2023	marie@acme.com	PHYSICIST	Jan 09, 2023
Suzanne Ciani	Jan 04, 2023	suzanne@acme.com	MUSICIAN	Jan 04, 2023

The interface includes a left sidebar with navigation options like 'Fragments and Widgets', 'Layout Elements', and 'Basic Components'. The top right features a 'Publish' button and a search bar. The bottom of the table shows '10 Entries' and 'Showing 1 to 10 of 95 entries'.



# Cloud

## Manual and Scheduled Scaling

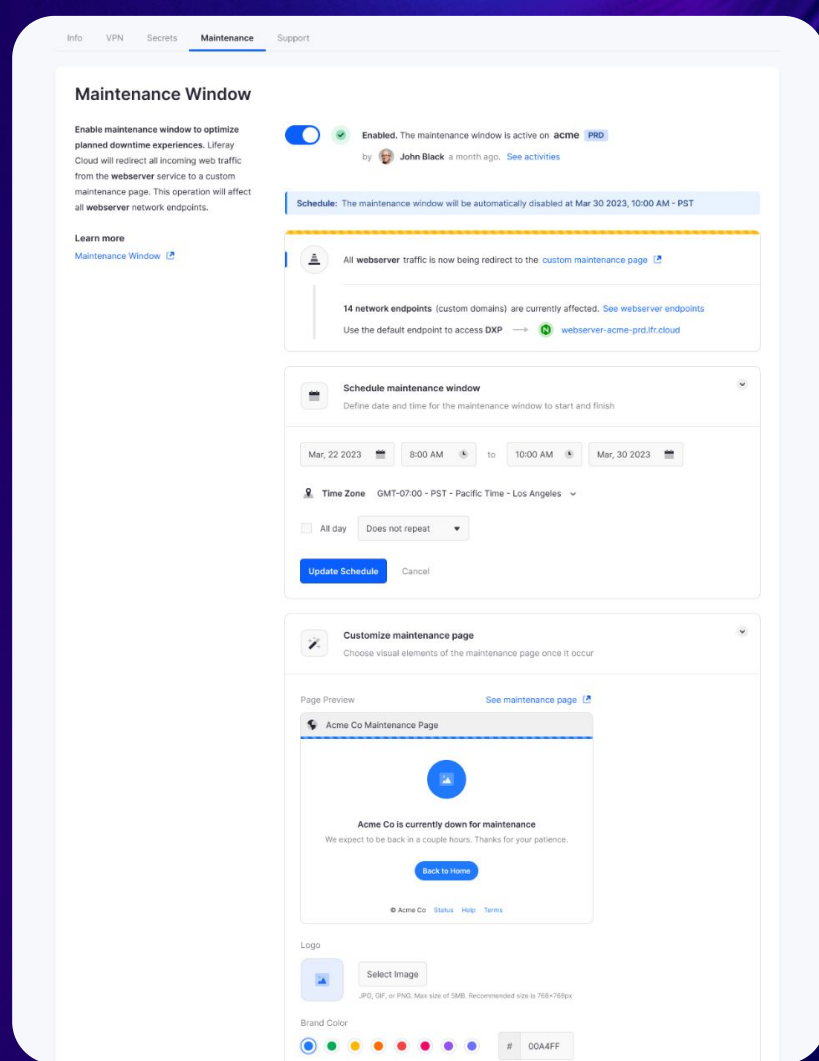
Ensure optimal performance during usage spikes with manual or Scheduled horizontal scaling

## Enhanced Log Management

Improved reading and filtering features, advanced text highlighting, indentation, and robust search capabilities

## Maintenance page

Equip users with tools to manage planned maintenance. Enable scheduling of maintenance windows, provide affected domains insights, and customize maintenance pages



# Out-of-the-box Accelerators & Demos

To accelerate delivering our core use cases we will be creating 3 out-of-the-box Site initialisers:

- Customer Portal
- Supplier Portal
- B2B Commerce Portal

These will be available for download from the marketplace to allow you deliver value faster as well as demo variants so you can showcase platform value faster.

The screenshot shows the Clarity customer portal. At the top, there's a navigation bar with 'Clarity' on the left and 'Home', 'Tickets', 'Resources', 'Orders', and a search icon on the right. Below the navigation bar is a large teal header with the text 'How can we help?' and a search input field. Underneath, there are three main action buttons: 'Submit a Ticket' (with a plus icon), 'View My Tickets' (with a ticket icon), and 'Contact Us' (with a speech bubble icon). Below these buttons is a 'Tickets' section with a table. The table has two tabs: 'Open' (selected) and 'Resolved'. The table columns are 'Number', 'Title', 'Description', 'Category', and 'Submitted On'. There are four rows of data, all showing 'Open' tickets with the title 'Repair or replacement needed' and the description 'Invoice #93879, we've been experiencing lots of issues!'. The category is 'Product Replacement' and the submission date is 'Mar 16, 2022'. At the bottom of the page, there's a partial view of a woman's face and a footer with the text '© 2022 Liferay, Inc. All rights reserved. | Managed by Liferay Experience Cloud'.

Number	Title	Description	Category	Submitted On
#10001	Repair or replacement needed	Invoice #93879, we've been experiencing lots of issues!	Product Replacement	Mar 16, 2022
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#10001	Repair or replacement needed	Invoice #93879, we've been experiencing lots of issues!	Product Replacement	Mar 16, 2022

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**Thank you**



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