

Lens 2024

Manage, monitor, and troubleshoot Kubernetes and applications in real-time across one or multiple clusters. Lens 2024 is the one tool you need to tie everything together – speeding and simplifying cloud-native dev and ops. You’ve got this.

Get ahead of constant change

The biggest challenge in leveraging Kubernetes is the non-stop pace of change. Managing complex, fast-evolving applications and keeping platform services in synch across multiple clusters can quickly become overwhelming. This leads to more problems, including high operational costs, inefficient operations, errors, downtime, compliance and security risks. Onboarding new developers is hard. Experts get overworked. Before long, progress in adopting cloud-native platforms and software development methods can stall – hindering growth, innovation, and competitiveness.

You need to move forward confidently with Kubernetes. But how do you regain control?

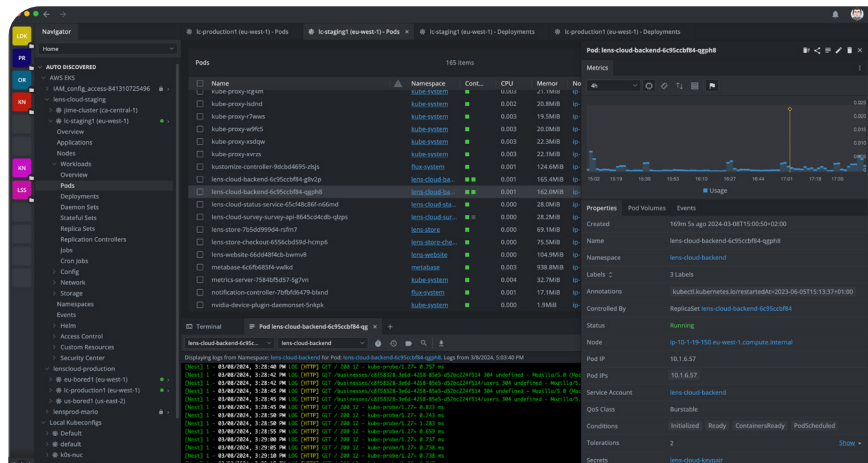
Introducing Lens 2024

Now with over one million users, Lens Desktop has become one of the most essential and popular toolsuites for helping software engineers and organizations master Kubernetes complexity. Now Lens 2024 reimagines and refactors the Lens experience: building on customer feedback, Kubernetes best-practices, and incorporating dozens of wish-list items.

Available for Linux, Mac, and Windows, Lens 2024 is more beautiful, intuitive, and smarter than ever. Its context-aware Navigator automatically discovers every cluster in all your kubeconfigs, listing them for one-click access. Connect and see every aspect of a cluster in focus, or isolate applications so you can iterate, troubleshoot, and optimize without the background noise of platform details. Drill into metadata, logs, metrics, events – and use Lens 2024’s new tabbed display and customizable hotbar to keep any object, collection, view, or abstraction at your fingertips.

Lens 2024 is engineered to let you live in it. Retrieve any configuration file for editing with one click. Use Lens 2024’s built-in, context-aware terminal to manage your GitOps workflow, build and push containers, and perform other tasks in context. Lens reduces dependence on kubectl and its gnarly learning curve, also eliminating need for many other separate tools, macros, and scripts.

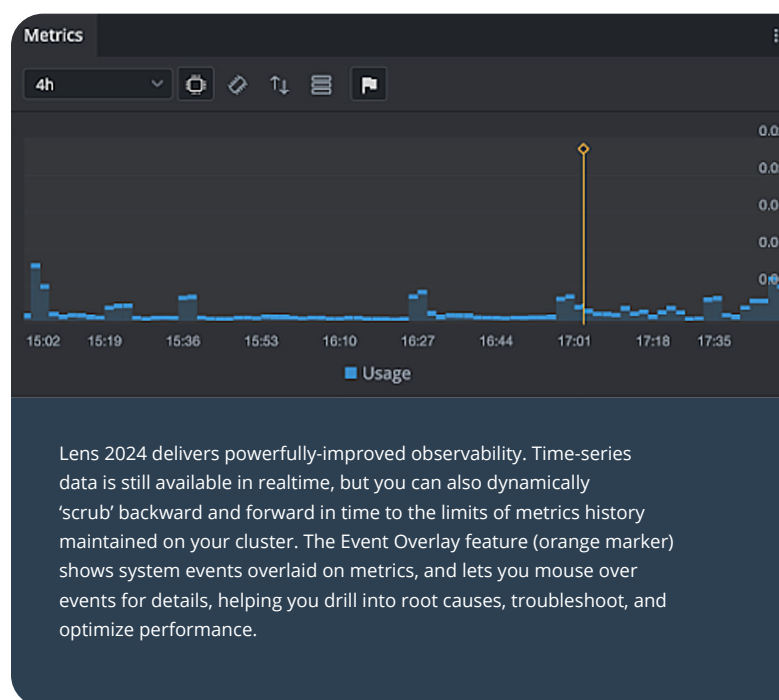
Lens 2024 lets you build, manage, and optimize cloud native applications with speed and confidence. You’ve got this.



Lens 2024 features a context-aware Navigator that auto-discovers and displays cluster info, and universal hotbar (far left) into which any Navigator object can be stored for quick recall in the Navigator pane.

Key Features of Lens 2024

- **New UI/UX:** Lens 2024 features a completely-redesigned user interface, including improved view layouts, customizable tables, and more.
- **New Navigator:** All your clusters and resources, auto-discovered and displayed in one place.
- **Tabbed Navigation:** Switch between views quickly, just like with a browser.
- **Improved Details Panel:** See more detail, organized and prioritized for clarity and understanding.
- **Improved Metrics View:** Move forward and back in time dynamically to view cluster-configured metrics, with event details overlaid on time series for troubleshooting and performance optimization.
- **More Capable Hotbar:** Add any object shown in the Navigator for one-click access from the hotbar.
- **Built-in AWS EKS Integration:** Lens 2024 seamlessly auto-discovers AWS EKS clusters and permits connection while respecting existing security and IAM rules.
- **All-new Lens Extension API:** Our new Lens Extension API is more developer-friendly, opening up new possibilities for customization and integration.



Lens Pro

Upgrade to Lens Pro for an even better experience for Kubernetes developers, teams, and cluster administrators. Key features of Pro include:

- **Lens Teamwork:** Simplify and secure access management and resource sharing for Kubernetes clusters, and eliminate the need for error-prone, on-the-fly RBAC management. Create a Lens Space for each cluster or project, invite your team, and share/revoke secure, encrypted cluster access with a click. Teamwork leverages Kubernetes-native proxy (Konnectivity) technology for secure, robust connectivity and zero-hassle cluster interactions – just like a direct connection.
- **Lens Security Center:** Featuring one-click installation of a state-of-the-art Kubernetes scanning and security operator. Once installed, Pro users can ad-hoc scan for vulnerabilities or set up automated image scans triggered by updates.
- **Lens Desktop Kubernetes:** Install a local, small-footprint CNCF-validated Kubernetes cluster instantly visible through Lens. Great for offline development and testing, and ideal for Kubernetes learners.

Enterprise

Lens Enterprise is designed for organizations looking to leverage Lens Pro at scale, on their own terms, and compatible with their unique requirements. It extends Lens Pro functionality with extended services, including sophisticated integration with organizational identity and access management (IAM) frameworks.

Enterprise supports single sign-on (SSO) from enterprise class IAM systems as well as System for Cross-Domain Identity Management (SCIM) protocols for user and group access control via Lens to Kubernetes clusters across multiple environments. It enables domain capture to speed and secure adding accounts from a specific organization domain. Lens Enterprise can even work in entirely air-gapped environments.

Plus, Enterprise subscribers get Priority support from Mirantis and Team Lens, and the convenience of invoice-based billing.

	Personal	Pro	Enterprise
Cluster Management			
Multi-Cluster Management	✓	✓	✓
Applications View	✓	✓	✓
Nodes View	✓	✓	✓
Workloads View	✓	✓	✓
Configurations View	✓	✓	✓
Network View	✓	✓	✓
Storage View	✓	✓	✓
Namespaces View	✓	✓	✓
Events View	✓	✓	✓
Access Control View	✓	✓	✓
Custom Resources View	✓	✓	✓
Helm Chart Deployment and Management	✓	✓	✓
Local Kubernetes Development Cluster		✓	✓
Lens Extensions		✓	✓

Security

Images, Resources and Roles CVE Scanning & Reporting		✓	✓
Easy & Secure Tunneling to Clusters with RBAC		✓	✓
Security Compliance Assistance			✓
Hardened Lens Desktop			✓

Teamwork & Collaboration

Centralized cluster catalog for teams		✓	✓
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User & Subscription Management

Single Sign-On (SSO)	Google & Github	Google & Github	Google, Github, SAML & OIDC
Team License Management		✓	✓
System for Cross-domain Identity Management (SCIM)			✓
VDI Support			✓
Offline License Activation			✓
Air-gapped Mode			✓
Account Billing Hierachy			✓
Purchase via Invoicing			✓

Support

Lens Forums	✓	✓	✓
Community Support	✓	✓	✓
Commercial Support		✓	✓
In-app Chat		✓	✓
Priority Support			✓
Support Portal			✓

Lens Benefits

Improved productivity, proven with opt-in statistics and survey responses from Lens users.

1



Solve Kubernetes Complexity

4 : 1

Average reduction in K8s toolset using Lens

2



Accelerate Kubernetes Time to Value

95%

Lens user learn and adopt Kubernetes faster

3



Increase Kubernetes Productivity

1-Day

Average time saved per week using Lens



Lens 2024

Diverging from traditional solutions that often increase complexity, Lens provides an intuitive, real-time IDE tailored for Kubernetes users. For more information about Lens, please contact us today.

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