Leaseweb Managed Kubernetes Beta

Leaseweb Managed Kubernetes Beta makes managing Kubernetes easy and efficient. You can deploy Kubernetes without worrying about the complications of managing the components required for Kubernetes to work. We handle the hard work of managing the Kubernetes Control Plane for you, including upgrades. This way, you can focus on effectively managing your applications and microservices without any trouble.

Why Choose Leaseweb Managed Kubernetes Beta?

Simplified Deployment and Operations
Leaseweb offers a streamlined approach to developing and deploying your container applications with Managed Kubernetes. This allows you to release your applications faster, increase reliability, and easily scale your infrastructure as needed.

Managed
With Leaseweb, you can leave the management and maintenance of core Kubernetes components to the experts. We deploy, host monitor, and maintain all the necessary components for your clusters and nodes, leveraging their highly available Infrastructure-as-a-Service (IaaS) products.

Cost Efficiency
Our pricing model ensures that you only pay for the infrastructure resources you consume. We manage the control plane free of charge, while you are responsible for paying for the underlying cloud resources. This allows you to optimize costs and scale your workload types based on Leaseweb flexible cloud infrastructure offerings.

Reliable Cloud Infrastructure
Leaseweb provides a highly available environment for your Kubernetes clusters. By default, every deployment includes three master copies, ensuring redundancy and resilience. Additionally, our trusted Cloud and Bare Metal infrastructure platforms serve as reliable foundations for your worker nodes, ensuring stability and performance.

Features

• Managed by Leaseweb
Leaseweb takes care of the installation, monitoring, and maintenance of the Kubernetes masters and control plane, plus the underlying equipment and network infrastructure, ensuring a hassle-free experience for customers.

• Persistent Storage
You can benefit from automatic provisioning of persistent storage volumes on high-performance platforms, ensuring optimal performance and reliability.

• Elastic Compute Nodes
Utilize Leaseweb Elastic Compute instances as worker nodes for Kubernetes clusters. The default and minimum worker node size is S2x4 (2vCPU, 4GB memory), while other available sizes include S4x8, S6x16, S8x32, and S16x64. Choose the number of workers you need to start with or leave the default of 3 workers and manage this after cluster deployment.

Leaseweb Elastic Compute is a cost-effective Cloud solution that enhances business efficiency. It offers flexibility for optimizing workloads, allowing you to easily scale compute power to meet changing demands. Enjoy top-quality performance without the hefty price tags.

• Monitoring
Leaseweb conducts regular cluster health checks to ensure availability and stability. If there are any issues, Leaseweb will take the necessary action to correct them.

• Leaseweb Customer Portal
Seamlessly integrate with the Leaseweb Customer Portal to create and destroy clusters with ease.

Get started with your Kubernetes cluster from the Customer Portal. Create and manage Kubernetes clusters, get your Kubectl config and monitor resource use. View our Knowledge Base articles to get you started.

• Kubernetes Dashboard
Kubernetes comes with a standard Kubernetes Dashboard, which is easy to deploy. Follow the instructions in our Knowledge Base to deploy this Dashboard to monitor and manage your cluster from there.

• Kubectl
Download your Kubectl config from our customer portal to interface and manage your Kubernetes cluster. Manage RBAC (Role-Based Access Control) and handle namespace management.

• Firewalls & Load Balancers
Leaseweb Managed Kubernetes simplifies your experience with automated deployment of pre-configured load balancers and firewalls, ensuring effortless setup and heightened security. Benefit from the advantage of easy scalability, eliminating the need for manual configuration and installation of load balancers and firewalls. Save time and effort while enjoying a scalable solution that adapts seamlessly to your evolving needs.

• Multiple Clusters Per Platform
Create multiple clusters in a single data center location with ease and flexibility. With multiple clusters you can easily separate functions or applications, for example, a test and production cluster.

• Version Management
Stay up to date with proactive scheduled version updates. This approach ensures that your clusters remain current and secure, while eliminating the need for manual upgrade efforts. It also offers the flexibility to choose preferred versions and plan updates at your convenience, minimizing the time and effort required for upgrades.

Why Choose Leaseweb?

At Leaseweb, we take pride in being the global yet local infrastructure provider that offers a personalized and flexible approach to meet your specific needs. Our commitment to delivering the best price-to-performance ratio makes us the top choice for thousands of companies worldwide, entrusting us with their mission-critical applications. With Leaseweb, you are not just getting a cloud service, you are gaining a trusted partner dedicated to your success.