1&1 IONOS

Managed Kubernetes

Easy to deploy, fast to scale.

www.ionos.co.uk/enterprise-cloud/managed-kubernetes

Free management

Kubernetes accelerates the development pipeline

Container technology makes software development more flexible and agile, while strengthening the portability of the software. Containers must be easy to deploy, easy to administer and perfectly orchestrated. Kubernetes (K8s) is recognised worldwide as the go-to solution. However, Kubernetes is quite complex to manage and requires a certain level of expertise.

The simple way to manage container workloads

IONOS Managed Kubernetes is characterised by flexible scalability and easy handling. IONOS allows you to set up and deploy a Kubernetes cluster automatically, provides a stable runtime environment with full redundancy, and takes care of all necessary updates and security patching.

Managed Kubernetes can be deployed and maintained conveniently via an API. The Data Centre Designer (DCD) of the IONOS Enterprise Cloud enables the creation and maintenance of Kubernetes clusters and node pools via a graphical user interface and provides an overview of the existing Managed Kubernetes clusters at any time.

In a nutshell:

IONOS automates the productive operation of Kubernetes while saving valuable resources.
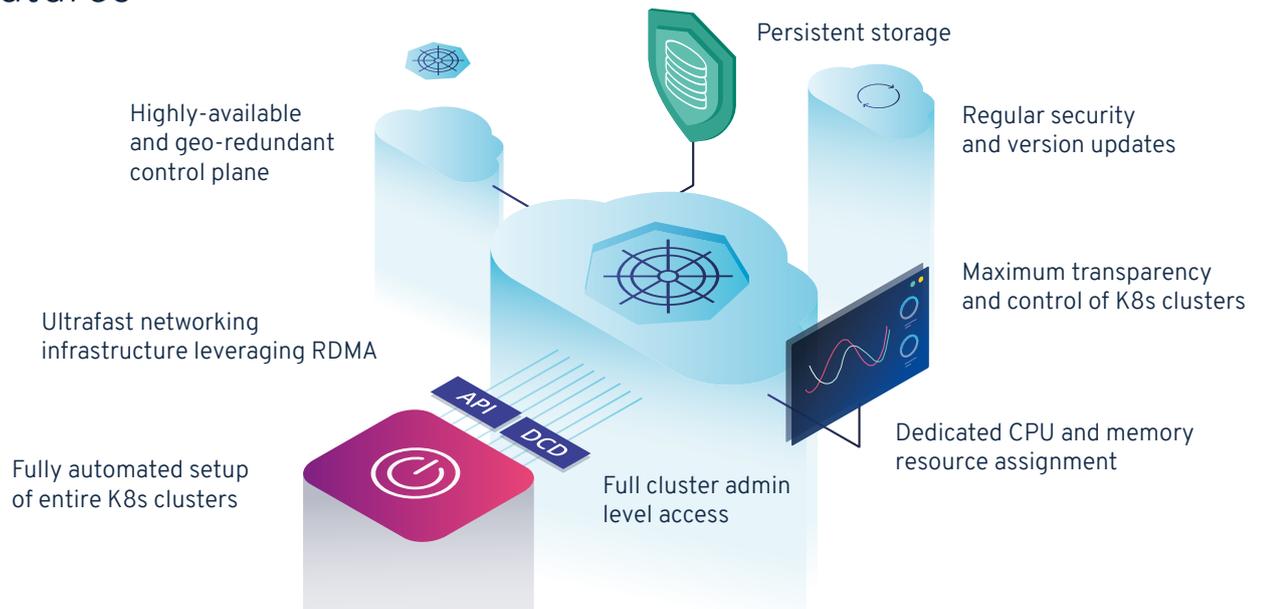
| Quick and easy deployment | High scalability | Transparent and calculable costs | Qualified 24/7 enterprise level support | Vanilla Kubernetes, no vendor lock-in |

Facts & features

Persistent storage

Highly-available
and geo-redundant
control plane

Regular security
and version updates

Maximum transparency
and control of K8s clusters

Ultrafast networking
infrastructure leveraging RDMA

API

DCD

Fully automated setup
of entire K8s clusters

Dedicated CPU and memory
resource assignment

Full cluster admin
level access

Easy as 1-2-3

Thanks to CSI-based IONOS Storage Class, running stateful applications is as easy as running a simple stateless web server

Node pools of a K8s cluster can be distributed over several geographical regions

Horizontal scaling of node pools

Easy integration of cloud services

like istio, linkerd, Prometheus, Traefik, Envoy, fluentd, rock and many more

Double redundant and persistent HDD/SSD storage

Geo-redundant and free of charge control plane

"Our Katana Data Science platform is running successfully on the IONOS Managed Kubernetes cluster. The migration of our self-installed solution to a managed cluster went smoothly".

Sören Brunk,
Senior Data Engineer,
USU Software AG

⬡ Our Managed K8s service is free of charge

⬡ You only pay for the cloud infrastructure you actually need

⬡ Qualified 24/7 expert support

30-day trial with 500 Pounds activation credit for cloud infrastructure

We're here to help

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