STACKIT Kubernetes Engine (SKE)

→ Easily create, supply, and operate containerized workloads

STACKIT Kubernetes Engine (SKE) is a robust, scalable, and managed Kubernetes service. SKE supplies a CNCF-compliant Kubernetes cluster, and makes it easy to provide standard Kubernetes applications and containerized workloads. User-defined Kubernetes clusters can be created as self-service without complications using the STACKIT Cloud Portal.

APPLICATIONS

Migration of existing applications to the cloud

Quickly and easily containerize existing applications and execute them on SKE in the European cloud without having to worry about the underlying infrastructure.

Operation of cloud-native applications

Create new cloud-native applications in the form of microservices, and use the Kubernetes ecosystem for service meshes, serverless applications, and CI/CD pipelines among others.

Creation of stateful applications

Operate stateful applications on SKE clusters using persistent block storage.

FEATURES

→ Quickly and easily create Kubernetes clusters using the self-service user interface in the STACKIT Cloud Portal.

→ The control plane of the cluster is managed and highly available.

→ Auto updates in the Kubernetes and system software versions keep clusters up-to-date.

→ Automatic repair features identify and repair problems on the cluster.

→ Event-controlled pod and node auto-scaling adapt elastically to the cluster depending on the utilization.

→ Clusters can be partially deactivated if the application should only be available at certain times of the day.

BENEFITS

→ STACKIT Kubernetes Engine provides vanilla-Kubernetes clusters and offers all the benefits of a container-based management environment.

→ Automated repairs and updates lead to a considerable reduction in your operating expenses.

→ By deactivating non-productive clusters, you make considerable savings as you only pay for what you actually use (pay-as-you-go: PAYG).

Do you have specific questions about the product or would you like to test it? For further information and individual advice from our competent team of experts, please do not hesitate to contact us.

Tel +49 7132-30474747 or

info@stackit.de