# DTS
Managed Kubernetes

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The trend is clear: to meet the demands of the market, patches and releases must delivered at short notice. This requires new application and development structures in companies. Applications are increasingly being built on the basis of micro services, as opposed to outdated monolithic architectures. At the same time, development is becoming increasingly agile. The keyword is "DevOps". The integration of development and operations is intended to create a continuous deployment stream. At the heart of these trends are containers. They allow micro services to be deployed efficiently and replaced quickly with a new version or extended with new services. At the same time, containers are platform-independent and can thus provide a uniform environment from testing, through staging, to the productive environment.

Kubernetes has become widely accepted for container management. Kubernetes makes it possible to orchestrate containers centrally, but the operation of such an agile and scalable platform requires a high level of expertise. In addition, different requirements within a company demand individual cluster and cloud integrations. With DTS Managed Kubernetes, we manage Kubernetes clusters and workloads reliably and securely via centralized management. We make it possible for you to combine infrastructure, platform operation, security and managed services from a single source!

- Easy-to-use platform for accelerating development processes

- Central multi-cluster management & multi-cloud management

- Cost reduction through pay-per-use

- Workshops, onboarding & consulting by DTS experts

- Role-based access

- High availability in the certified data centers of DTS in Germany

- 24/7 support from DTS

- Integrated protection with Palo Alto Networks

With DTS Managed Kubernetes, we ensure simple and secure management of containers and Kubernetes clusters. We provide you with an overview and control of containers on a single platform. Our service is a multi-cluster management system from the high-performance German data centers of DTS. The platform is provided in real time in a secure, highly available and scalable way. It can be operated by means of a simple graphical user interface (GUI) or via a command line. The platform can also be used to manage container environments centrally in the multi-cloud and on-premises. Using role-based access control and multifactor authentication, we also provide real access control.

Our DTS managed services deliver the following benefits: We ease the burden on your IT, so that you can concentrate on your core processes and save important resources. The DTS Managed Kubernetes service is billed according to requirement using a pay-per-use model. You only pay for what you actually use. Various contract models also offer the necessary flexibility and the opportunity to take advantage of the best possible conditions via long-term commitment of resources. As a digital advisor, we help you tailor your platform to meet the unique needs of your business.
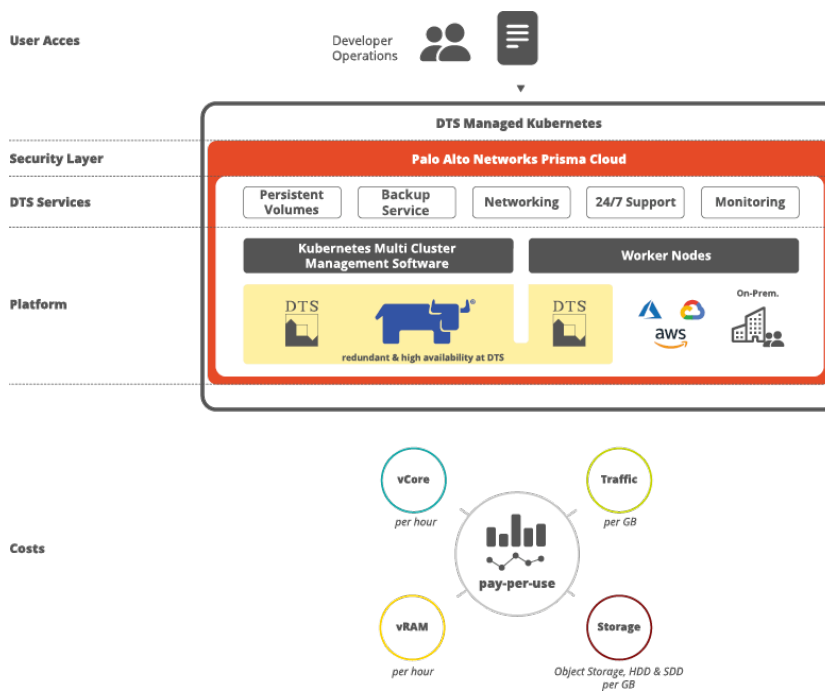
DTS Technical Discovery
You would like to have a reliable and expert determination of your actual needs as well as the real
suitable environment? With our DTS Technical Discovery, we lay the foundation for developing an individual, secure and scalable Kubernetes platform for you.

•   Presentation of the DTS Managed Kubernetes Platform

•   Elaboration of the questions: What are the goals that need to be met with the Kubernetes environment? What does the current environment look like in detail?

•   Subsequent conceptualization & initial sizing of the future Kubernetes platform, per Multi Cloud, Hybrid Cloud, Private Cloud or on-premises

•   Development of a integrated security concept for the Kubernetes platform

•   Individual managed Kubernetes services for smooth operation by DTS

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