

Get your containers to the next level

Managed Cloud Container Services for Kubernetes

In cooperation with



Unburden your IT teams from container management and rely on T-Systems' expertise for Kubernetes with AWS. Our managed services are the fastest and easiest way to efficient container usage.

Exploit the opportunities of the agile age

The cloud is an important prerequisite for developing and running agile business. But agility is not only about the cloud. Cloud-native enterprises add methods like DevOps with CI/CD pipelines and technologies like containers to their portfolio to reap the benefits of a future-proof setup for business.

Containers are the new state of the art for IT. But not only do they cause additional effort for the IT team, but they also need efficient orchestration. Thus, container management/orchestration platforms soar. Kubernetes is the de-facto standard that is widely accepted by DevOps teams worldwide. As an open source project it has evolved rapidly. This leads to another challenge for IT teams in enterprises. They lack skills and expertise and cannot keep up with the pace of change for Kubernetes. And that might lead to misconfigurations that are the top reason for Kubernetes-related security incidents.

How can you keep up with the speed and get the best out of Kubernetes for your enterprise? And how do you want to use Kubernetes? With your own licenses? There are different ways to utilize Kubernetes.



T Systems

Let's power higher performance

Managed Cloud Container Services lead the way

T-Systems has an answer: with our Managed Cloud Container Services we offer two options. The Managed Elastic Kubernetes Service bundles the AWS-native Kubernetes (EKS) with several other AWS-native services; for e.g., ROSA (Red Hat OpenShift) offers a managed services for Kubernetes from a third party (Red Hat). Furthermore, we offer a well-architected review for enterprises that have already built their Kubernetes architecture.

Managed EKS offers the advantage of Kubernetes that is already integrated with the cloud infrastructure of choice. AWS, thus, allows enterprises to use cloud infrastructures and Kubernetes container management from the same platform. However, EKS is only one piece of the toolkit you need for a compliant, secure, and efficient container management. The managed service comes with a bundle of add-ons to ensure efficient and secure container usage: Key Management Service, IAM, Cloud Watch, Open Search and Prometheus to approach Kubernetes usage holistically and avoid any misconfigurations. ROSA covers all topics as well around Kubernetes.

T-Systems provides both alternatives as scalable, fast accessible managed services – for organizations that want to unburden their IT teams from container management or for enterprise that want to start their journey into the Kubernetes world. Keep in mind: ROSA and Managed EKS are running in AWS, but they can also administer containers on your on-premises environments and on other cloud infrastructures, be they private or public. Thus, MCCA gives you freedom of choice in terms of platforms – without the need to purchase your own Kubernetes licenses.

Be well-architected

As an AWS Premier Partner, we built these solutions for container management in accordance to AWS's Well-Architected Framework. This means you are in line with AWS best practices and are getting an optimal solution that combines operational excellence, efficient performance, cost-efficiency, security, and reliability.

Are you already using Kubernetes? Are you sure about your setup? Do you want to optimize or have a second look? With our well-architected review, we apply the same criteria to your Kubernetes landscape as to our managed services.

We are happy to help with your Kubernetes for AWS. **Get in touch.**



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