

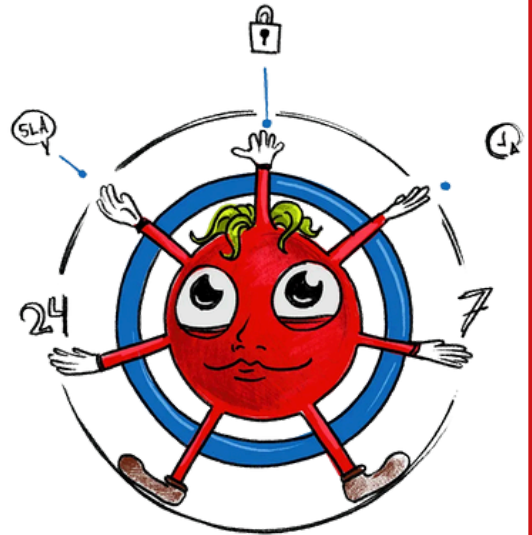
## Managed Kubernetes Service from Cloutomate

### Full control. Maximum efficiency.

With the Cloutomate Kubernetes Managed Service, we take over the management of your entire Kubernetes environment. From continuous monitoring to performance optimisation, we ensure that your IT infrastructure remains stable, secure and efficient - so that you can concentrate fully on your core business.

#### Kubernetes: your smart IT assistant

Kubernetes is like an intelligent driver assistance system, but for your IT infrastructure. Just as an adaptive cruise control system keeps an eye on the traffic and automatically regulates the distance, Kubernetes relieves you of routine tasks and manages your applications automatically. It scales flexibly as required, optimises the performance of your IT systems and ensures that everything runs securely and reliably. This gives you more time for what really matters - your business.



#### Kubernetes Managed Services: Two pillars for security and performance

Our service is based on two main components.

**Managed Kubernetes platform:**  
Comprehensive management and maintenance of your Kubernetes infrastructure - for security, performance and availability.



**Managed Kubernetes application modules:**  
Expandable modules for monitoring, security and optimisation of your applications. They integrate seamlessly into the managed Kubernetes platform.
























#### Your Kubernetes infrastructure - always secure, always up-to-date

The Kubernetes cluster is the centrepiece of your infrastructure. It orchestrates, secures and connects your applications to the internet and internal networks. Our service ensures the availability and security of your environment. With Cloutomate at your side, you don't have to worry about managing your Kubernetes environment. We take care of continuous monitoring, maintenance and optimisation so that your Kubernetes clusters remain stable and secure.

- **Security monitoring:** We continuously monitor all components for security alerts and software updates and proactively implement the necessary measures to minimise potential threats.
- **Regular software updates:** We prioritise and manage all updates to keep your Kubernetes environment secure and up-to-date. We apply critical updates immediately and coordinate major changes with you so as not to disrupt operations.
- **24/7 monitoring:** Automated monitoring and real-time troubleshooting ensure high availability and stability of your infrastructure.
- **Service Level Agreement (SLA):** With our 'Next Business Day' support, enquiries and problems are solved by the end of the next business day.
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## Managed Kubernetes Application Module: Optimised applications

In addition to the platform, our application modules provide comprehensive options for monitoring, maintaining and optimising your applications - tailored to your specific requirements.

Feature	Basic	Advanced	Enterprise
<b>Reactive monitoring:</b> 24/7 monitoring of your applications, immediate notification in the event of failures or faults.			
<b>Updates (security and bug fixes):</b> Automatic or manual installation of minor updates.			
<b>SLA – Next Business Day:</b> We guarantee to process your enquiry by the next business day at the latest.			
<b>Resource adjustment:</b> Optimisation of resource usage (RAM, CPU) to maximise efficiency and costs.			
<b>Performance Monitoring:</b> Monitoring of latency and throughput in order to recognise and eliminate bottlenecks at an early stage.			
<b>Proactive monitoring:</b> early detection of problems with notifications by e-mail or ticket.			
<b>Compatibility check:</b> Your applications will also run smoothly with new Kubernetes versions.			
<b>Customised monitoring dashboard:</b> Tailor-made dashboards show all relevant metrics for your applications.			
<b>Recovery tests:</b> Quarterly recovery tests to ensure that backups are reliable and ready for use.			
<b>Vulnerability Checks:</b> Regular checking of container images for vulnerabilities (CVE).			
<b>Hardening Policies:</b> Strict security guidelines, including network protection and mTLS encryption.			
<b>Container Image Backups:</b> Backup and history of all container images so that you can access previous versions.			
<b>vCluster Encapsulation:</b> Isolation of non-Kubernetes-native applications through vCluster technology for compatibility & security.			
<b>Proactive monitoring &amp; dedicated support:</b> Proactive support with prioritised processing of requests and incidents.			

## Managed Kubernetes Application Module: Optimised applications

- **Maximum security:** Proactive security measures and continuous monitoring offer comprehensive protection for your applications.
- **Increased efficiency:** Optimised resource utilisation and automatic scaling allow you to reduce costs and increase the performance of your IT.
- **Reliable availability:** Thanks to 24/7 monitoring, regular updates and backup routines, your systems remain operational and secure at all times.
- **Flexibility:** Choose the right modules and flexibly adapt your services to current requirements at any time - without any restrictions.
- **Transparent cost models:** Use customised pricing models, tailored to your needs and team size.

**Ready for a future-proof Kubernetes solution? Get in touch with us!**