

CUSTOMER: BSURANCE GMBH

tecRacer supports migration to Amazon EKS

The insurance technology company bsurance, www.bsurance.com, specialises in B2B2C projects and is licensed in more than 30 countries. By providing customised and digitalised insurance solutions, the Vienna-based start-up accelerates the digital transformation of its customers and unlocks their full business potential. Customers can increase their sales by embedding innovative and tailored cloud-based end-to-end insurance solutions directly at the point of purchase. In the first project, tecRacer created a landing zone on Amazon Web Services (AWS) for bsurance and enabled bsurance to manage and extend it themselves. In the second step, an architecture review was carried out about microservices migration to Amazon Elastic Kubernetes Service (EKS).

Microservices in the Amazon Elastic Kubernetes Service (EKS)

As a Premier Tier Services Partner in the Amazon Partner Network (APN), tecRacer contributed its extensive experience gained in many projects to the analysis of the currently envisaged architecture concept on AWS. It was vital to develop the blueprints for AWS concerning microservices on the Amazon Elastic Kubernetes Service (EKS) as a best practice. EKS is a managed container service for running and scaling Kubernetes applications in the cloud or on-premises.



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Architecture optimisation workshop

The open-source system automates container applications' deployment, scaling and management. In addition, the architecture could be optimised through the suggestions for improvement that were jointly developed within a workshop. In the process, tecRacer worked with bsurance on AWS best practices and additional enhancements for the future container architecture.



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Planning and implementing the migration from Google to AWS

In the review workshop of the AWS architecture, bsurance paid particular attention to microservices migration. Workloads were to be moved from the Google Cloud Platform (GCP) to Amazon Elastic Kubernetes Service (EKS). EKS enables cost reduction by efficiently provisioning computing resources and automatically scaling Kubernetes applications. In addition, Amazon EKS provides a more secure Kubernetes environment with security patches automatically applied to the cluster's control plane. tecRacer provided hands-on support for the migration of microservices to EKS. Q&A sessions with experts rounded off the concept and implementation.

Contact person at the customer:

Manfred Schmiedl, MSc, CTO and Co-Founder, Vienna :

"tecRacer had successfully created an AWS Landing Zone for bsurance and trained our team. Therefore, it was obvious to also draw on the expertise of the tecracer team when optimising our architecture and migrating workloads and to develop the best solution with the help of their suggestions for improvement."



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Project goals

- Analysis of the currently envisaged architecture concept (blueprints) for AWS
- Development of a “best practice” architecture concerning microservices on AWS EKS and suggestions for improvement
- Migration of workloads from Google Cloud Platform (GCP) to Amazon Elastic Kubernetes Service (EKS)

Project duration

September 2021

Project deliverable tecRacer

- Review workshop on the architecture of the current project
- Develop AWS Best Practices and improvement proposals for future container architecture
- Hands-on support for the migration of microservices to EKS
- Q&A sessions with experts

About tecRacer

tecRacer, headquartered in Hanover and with locations in Duisburg, Frankfurt, Hamburg, Mannheim, Munich, Vienna, Lucerne, Geneva and Lisbon, offers Amazon Web Services Consulting (AWS) & Training Services from a single source - seamlessly integrated, across the entire cloud lifecycle - from strategy to implementation to operation.

The strategy also remains the clear focus on Amazon Web Services. Here, according to an independent study by Crisp Research, tecRacer is probably the most competent and important partner in Germany. And the focus on AWS proves tecRacer right: As part of the AWS Partner Summit 2021, tecRacer received the „AWS Consulting Partner of the Year“ award. The owner-managed company, which was awarded as a Top Employer for medium-sized companies, now employs more than 150 permanent staff, has trained more than 12,000 participants in AWS and has already successfully implemented more than 250 AWS Consulting projects.

For more information, visit www.tecracer.com. Or contact us at aws-sales@tecracer.com.

