



ClouDar x VDAB

Ensuring a reliable AWS infrastructure





About VDAB

Every region in Belgium has a public employment service. The VDAB is the public employment service of Flanders (official language: Dutch). The VDAB was founded in 1989 to make the labor market in Flanders as transparent and dynamic as possible. With a view to reaching that goal, the VDAB offers employment services, training, and career guidance.

THE CHALLENGE

VDAB works with a whole range of different AWS accounts. It is a dynamic system of projects for which the code is delivered through independent sources.

As a government agency, being well architected is very important for security and reliability. GDPR and CIS compliance is a must.

As community funding is used, costs also need to be closely monitored. The customer wanted to stay on top of all these factors to reduce the risk of security breaches, to improve efficiency and to ensure cost transparency.

THE SOLUTION

The AWS accounts were organized in a Control Tower structure. AWS Organizations and AWS Identity Center were leveraged.

Using Steampipe, we delivered a list of IAM entities that needed remediation to comply with the security standards.

Clouadar deployed a centralized CI/CD pipeline, which includes all necessary security and compliancy checks and approval steps before code is deployed to production. For cost management and billing alerts, Clouadar configured CloudCheckr.

Clouadar needed to make sure the VDAB environment adheres to current Clouadar and VDAB compliance standards, including the AWS Well Architected Framework, the General Data Protection Regulation and the Center of Internet Security AWS Foundations Benchmark. For this purpose, Trend Micro Cloud One Conformity, a Cloud Security Posture Management System, was set up to gather information from a range of AWS services such as AWS Config and AWS Guard Duty. This feeds Clouadar's Real Time Compliance Monitoring System which triggers an alert when important configuration changes, that have an impact on any of the pillars of the Well Architected Framework, or on the GDPR or CIS compliance, have occurred.

Lastly, we performed a full review of all the accounts and organized customer training sessions to close the final gaps.

THE BENEFITS

Real Time Monitoring

Real Time Compliance Monitoring combined with alerting allows for a very quick resolution time. Critical findings are immediately handled by Clouadar's engineers 24/7.



Guaranteed Compliance

Clouadar manages the environment, monitoring and ensuring compliancy with relevant privacy and security requirements, including GDPR.

Support for Security Industry

The Well Architected Framework is incorporated within the tool, along with other industry standards and frameworks such as GDPR and CIS.





Clouadar built a well-designed AWS infrastructure and helped us to deploy our workloads using CDK pipelines. This allowed us to quickly deliver scalable, reliable and secure solutions to our customers.

Pascal Claessens



About Clouadar and AWS

Clouadar is ISO/IEC27001 certified, AWS Premier Consulting Partner & Next-Gen MSP. Clouadar's single-vendor focus guarantees the most in-depth AWS knowledge available on the market.

Organizations using a DevOps model deliver applications quicker and innovate faster. AWS offers infrastructure resources designed to support continuous integration and delivery, infrastructure as code, microservices, and monitoring & logging.

Want to learn more on how AWS and how Clouadar can help your business by providing you with with unique AWS expertise?

Contact sales@clouadar.eu or visit www.clouadar.eu!