Catalyser

DEVOPS CASE STUDY

The Challenge

- **Challenge 1:** Required an AWS virtual environment which scales with current and future customer growth.

- **Challenge 2:** Demanded enhanced security requirements for Enterprise procurement checks.

- **Challenge 3:** Convoluted deployment and architecture with complexities hindering agility and scalability.

- **Challenge 4:** Localised workload not ready for geographical scale-out deployment.

The Solution

Anchor performed a comprehensive review and assessment with Catalyser of the current state of their application workload currently hosted on an AWS virtual environment. In close partnership and collaboration with Catalyser's development team, Anchor DevOps engineers redefined how the application is architected and developed to put forward a solution that utilises AWS deployment services to automate the entire code delivery process. Secure centralised logging and tightly integrated monitoring were implemented to provide ongoing support and management.

The Technology

Anchor used various AWS products and services to deliver the most effective solution for Catalyser; including:

- AWS AutoScaling
- AWS Elastic Container Service (ECS)
- Amazon Elastic Container Registry (ECR)
- AWS CloudFormation
- Amazon S3
- Amazon CloudFront
- Amazon Web Application Firewall (WAF)
- Amazon Key Management Service
- Amazon Relational Database Service (RDS)
- Amazon CloudWatch
- AWS CloudTrail
- AWS Config

About Catalyser

Catalyser is a female-led tech company backed by Telstra and EY. In 2018, Catalyser was named by the World Economic Forum as a New Global Champion of Innovation.

Catalyser's all-in-one employee giving software helps workplaces achieve greater employee engagement and create social impact.

"Catalyser was introduced to Anchor through the recommendation of our AWS account manager who endorsed them as a DevOps partner to help us with our scaling infrastructure needs. That introduction has turned into a valuable partnership and we've appreciated Anchor's practical and solution-oriented support that has helped to us grow our infrastructure as we grow beyond Australia."

Angela Kwan
Co-Founder, Head of Sales

# Find the right workload pathway to deliver secure and reliable modern applications

Increase your time for innovation while reducing risk, accelerating time to market, and reducing your total cost of ownership by modernizing how you build and manage applications with Amazon Web Services (AWS). With a wide breadth and depth of products, resources, and services available from AWS, you can choose the application modernization pathway that is right for you. For certain scenarios, the best choice may be building new serverless apps that scale automatically. You may decide to re-platform existing applications to AWS managed containers to offload infrastructure

Yet, another choice would be to take the first step toward digital transformation by overhauling delivery pipelines with a modern DevOps model. No matter what path is right for you, AWS has the tools to guide you.

Benefits Anchor delivered for Catalyser

Anchor were able to achieve a variety of benefits for Catalyser through conducting an extensive review of their applications. Anchor's experienced engineers were able to assess how Catalyser's applications run and ultimately put forth a solution that incorporates the use of AWS deployment services.

❯ Benefit 1
Well-Architected, agile and scalable AWS virtual environment that ensures dynamic scaling as demand grows.

❯ Benefit 2
Utmost security posture for enterprise procurement requirements adhering to industry and AWS best practices and well-architected framework.

❯ Benefit 3
Improved CI/CD using AWS Deployment Services to implement efficiencies and cost-effective application deployment solutions.

❯ Benefit 4
Able to deploy in any AWS region around the world with repeatable patterns using Infrastructure as Code (IaC).
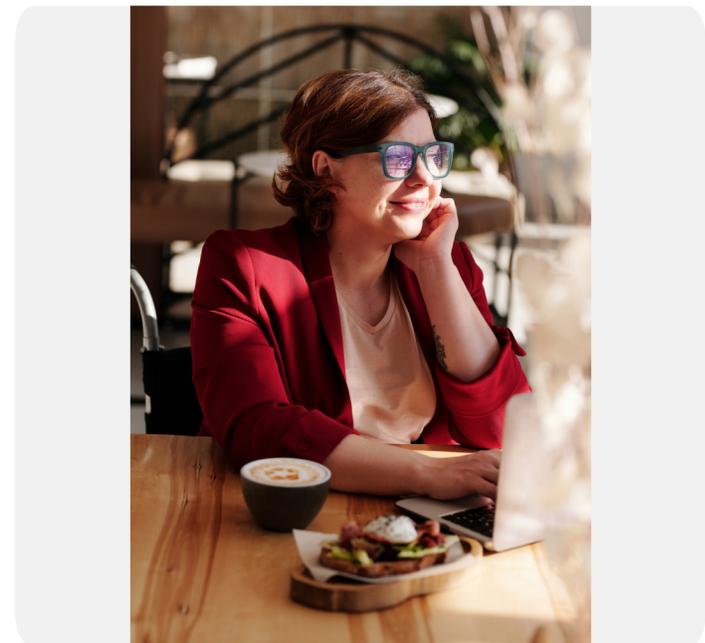
About Anchor & Amazon Web Services

Anchor is Australia's leading next-gen Engineering Services Provider (ESP), enabling the cloud for SMB territories and emerging enterprises. Anchor achieves this by deeply engaging with customers, while building and operating their technology requirements.

AWS was able to meet the requirements of Catalyser, through deploying numerous technologies within the AWS services ecosystem, alongside Anchors DevOps engineers who were able to redefine how the application is architected and put forward a solution that utilises AWS deployment services to automate the entire code delivery process.

aws
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