

Executive Summary

Hnry Limited required an maturity assessment and remediation across Cloud Security, Business Continuity, and DevOps. DevOps maturity was increased significantly with a Control Tower implementation.

Hnry Limited required a risk assessment from a DevOps perspective on their core set of applications that are deployed into the AWS Cloud.

The risk assessment completed by Koan identified risks in scale, security, ability to deploy applications. The remediation work involved the deployment of AWS Control Tower, and automating DevOps processes using Infrastructure as Code tooling to increase scale, security and decrease risk.

Customer Challenges

Hnry Limited are New Zealand's fastest growing FinTech product based company receiving awards, significant series B investment, and expanding their service offering into Australia. Hnry account for 1% of all payments to IRD in New Zealand, processing a billion dollars annually using feeds to ASB Bank.

The challenge for the customer, is to achieve enterprise grade security, compliance, scale and uplift the AWS infrastructure.

Bringing up separate accounts, for separation of concerns will require Hnry AWS deployments to have very well automated DevOps processes.

Why AWS

Scaling to billions in payments

Hnry chose AWS due to the ability to scale SAAS applications, and meet growing customer demands, from a security, scale and performance perspective.

Why Koan

Hnry chose Koan due to our experience working with high growth venture backed, product based companies. This includes working as the technology partner for a global financial services rating agency.

In addition the strength of our DevOps practice, and experience with scale and security. the executive to see both ROI and business benefits to the technical work.

About Hnry



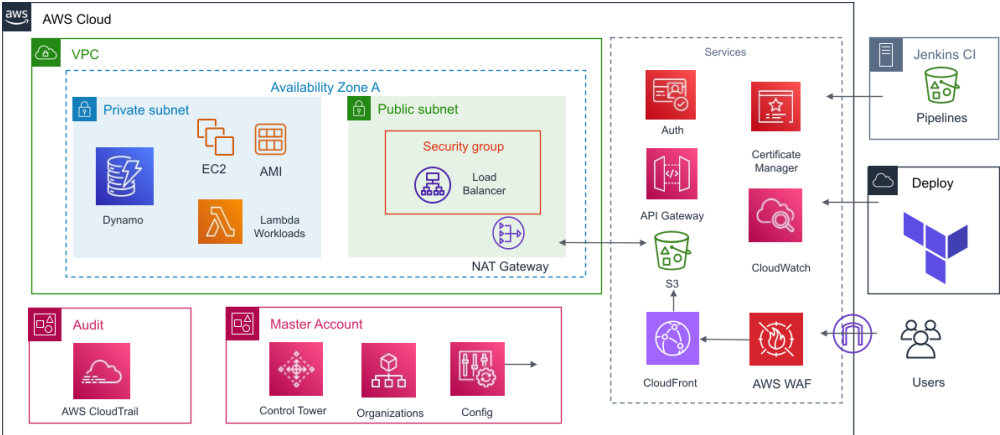
Hnry provides an award winning Software-as-a-Service (SAAS) to New Zealand and Australian customers enabling full management and filing of sole traders tax returns. Hnry process 1% of all payments to IRD which is over a billion dollars. Hnry have grown into multi countries.

Partner Solution

The APN Partner solution uses AWS Control Tower installed on a new account, with SIT/UAT environments created new, and existing production “pulled-in” underneath the Management Account / Organizational Unit.

Koan provided DevOps services to redeploy, and/create/ improve Infrastructure as Code deployments, which significantly increases scalability and reduce risks identified risks including scale, security, business continuity and operations. This includes security maturity assessments, security remediation, attaining 100% Infrastructure as Code coverage (Terraform), scaling the postgresSQL databases by using read-replicas in production.

Architecture



Results and Benefits

Hnry Limited has now has 100% coverage of infrastructure, and automated pipelines. Hnry can now scale the relational database, reach high levels of compliance and scale, and continue to grow.

Control Tower, and proper account separation allow Hnry the ability to split prod and non-prod data out, and reduce risk problems of reaching AWS limits.

Next Steps

Koan continue to act as the AWS DevOps and take Hnry through the Cloud Maturity and Modernization Journey. Working closely with Hnry executive and board strategically.

About Koan

Koan is an AWS and software development consultancy based in Wellington and Palmerston North. Koan has been building and deploying secure, compliant, enterprise applications for Global and New Zealand customers for 20 years. Koan is an AWS Advanced Tier Partner providing AWS Certified resources for DevSecOps AWS Migrations, Modernizations, Data / ML / AI.

