LIMEPOINT

Cloud Migration and DevOps Automation at a Major Australian Bank

Case Study

Business Scenario + Why LimePoint

As part of their carbon neutral agenda, our client wanted to explore options to switch off their physical servers, hosted in their own data centre, and leverage the cloud as quickly as possible. By shifting as much of their infrastructure and application footprint into the cloud, the client would have the power to switch these services off and on for use when required. Our client also wanted the flexibility and ability to scale their compute and storage needs up and down on an as-needed basis. Speed to Market was also a must and reducing the time to stand up new environments was a key success driver.

They wanted to make sure that development initiatives would not be halted by typical capacity and over utilisation constraints, experienced in the past. The aim was to keep their costs low but address the current provisioning timings to deliver development and test environments to project teams.

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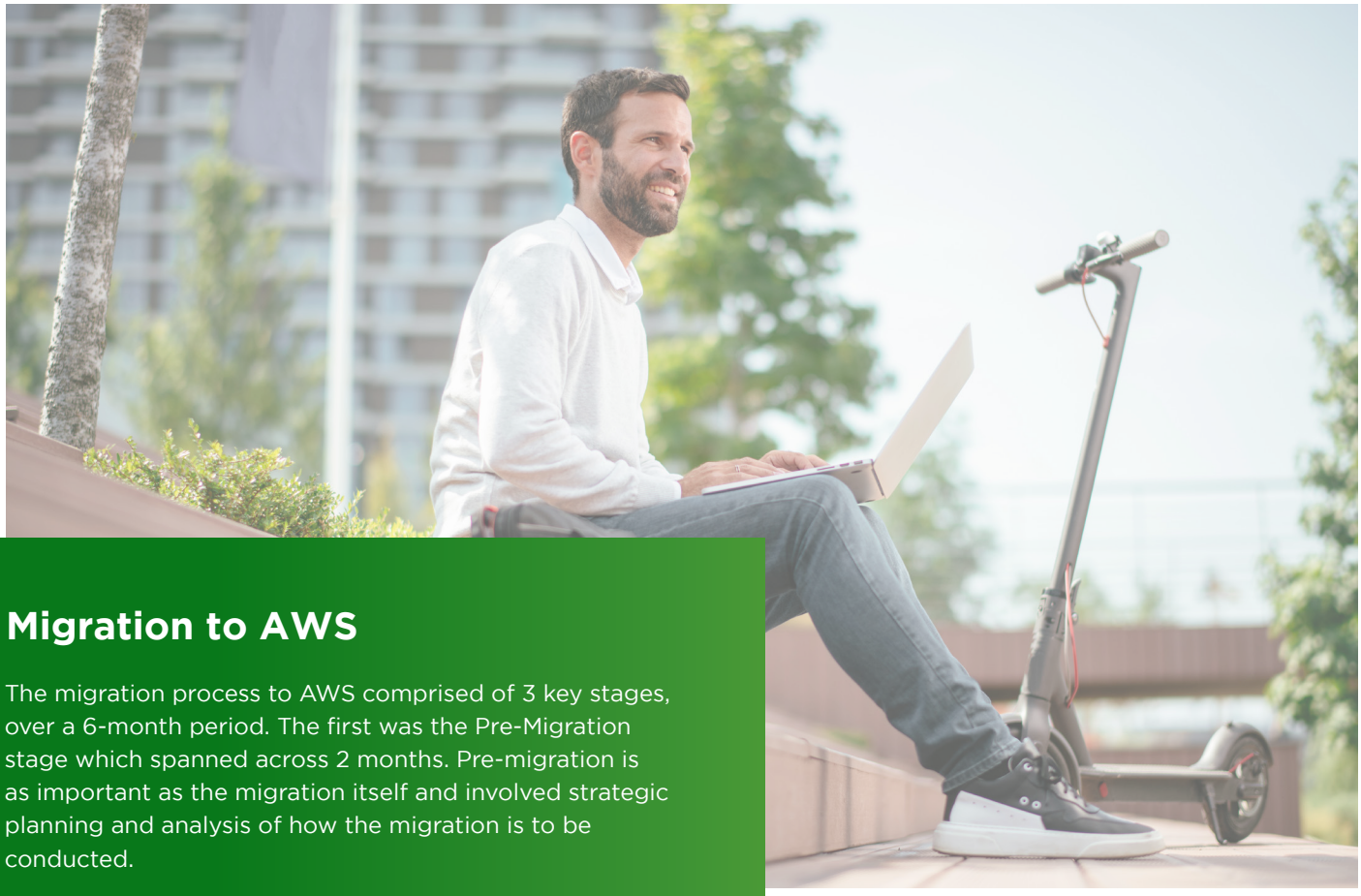
As an AWS partner, with deep experience in platform and cloud migrations, and with an automation led mindset to our solutions, LimePoint was engaged to assist. LimePoint carried out a migration analysis and developed a plan, which enabled the execution of the automation led initiatives from this plan to achieve the outcome.

The Challenge

Provide an automation powered solution to provision and maintain Core Banking Environment workloads in AWS, and migrate 25 existing and complex environments from on-prem to AWS and improve upon the current provisioning timing to stand-up an environment.

An example of just 1 complex Environment

42 Servers	**13** Databases
40 Applications	**1.5 TB** Environment Data



Migration to AWS

The migration process to AWS comprised of 3 key stages, over a 6-month period. The first was the Pre-Migration stage which spanned across 2 months. Pre-migration is as important as the migration itself and involved strategic planning and analysis of how the migration is to be conducted.

The second stage was the migration itself. The migration phase took 3 months, with month number one focused on provisioning the environment and automation, while the other 2 months was primarily focused on migrating configuration, data and code to AWS.

The final stage of the migration process was all about ensuring success. This involved a cut over migration of data from the old server, decommissioning of the previous server, employee training and capability handovers.

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Pre-Migration

Migration

Go Live

START

Month 01

- ✓ Analysis
- ✓ Planning

Month 02

- ✓ Harvest Configuration Automation

Month 03

- ✓ Automation
- ✓ Provision Environment

Month 04

- ✓ Configuration Setup
- ✓ Migrate Configuration
- ✓ Migrate Data
- ✓ Migrate Code

Month 05

Month 06

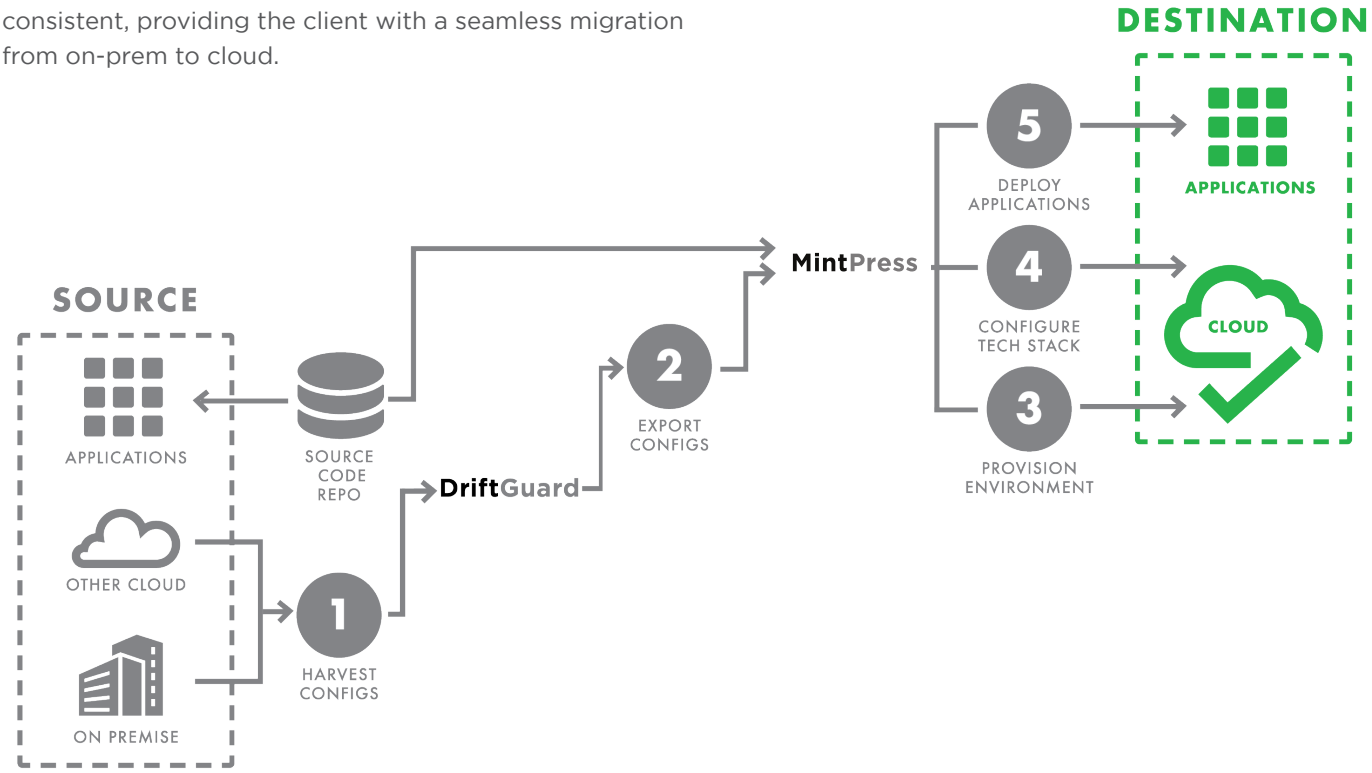
- ✓ Cut Over
- ✓ Decommission
- ✓ Product Training
- ✓ Capability Handover

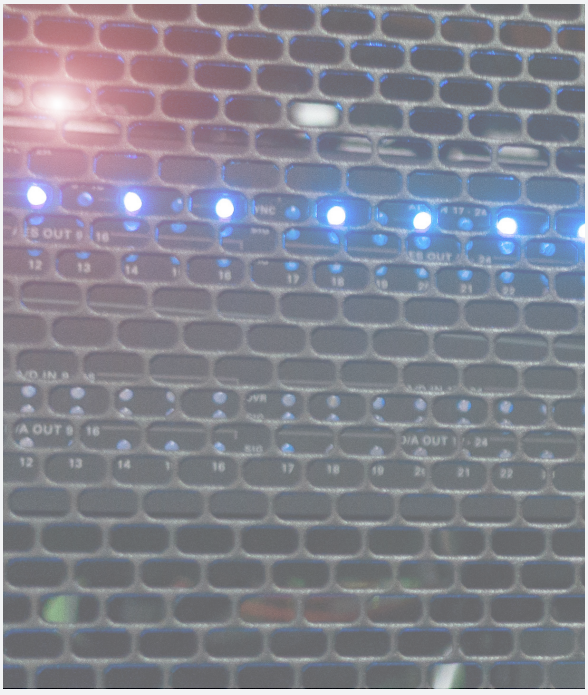
SUCCESS

The Approach

By utilising capabilities of LimePoint's Automation Suite, harvesting each environment's configuration settings, and exporting these in order to create provisioning service catalogues was beneficial to the client.

This provided a capability to not only build new cloud environments with speed, but were reliable and consistent, providing the client with a seamless migration from on-prem to cloud.





Ready for a chat?

Book a discovery session today.

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