

Tech Mahindra and Canonical Enables One of the Largest Insurance Companies in the US to Reduce the Cost of Enterprise IT

Overview

US-based Fortune 500 life insurance company provides annuities for retail investors and fixed income products. The customer was looking for an OS compatible with IBM Db2 and an enterprise-level support for Jboss EAP 24/7. Migrating to an alternate Linux distribution was a challenge as existing Linux operating system upgrade was cost prohibitive. Tech Mahindra partnered with the client is responsible for managing the data centres and applications.

Business Challenge

The company was traditionally relied on running 140 physical servers with 3000 VMs on top of an enterprise Linux distribution from one of the largest open-source vendors. The systems were running on a very old enterprise Linux version. To avoid compromising security and performance, the company wanted to upgrade to a new version. They were having two choices: either to purchase expensive licences and upgrade to a newer version of the same Linux distribution or migrate its workloads to a trusted new OS.

Given the prohibitive cost of upgrading its current Linux deployment, the customer decided to explore alternative operating systems.

Our Approach and Solution

Tech Mahindra engaged directly with Canonical and quickly determined that Ubuntu was the ideal fit for the insurance company's IT infrastructure.

Ubuntu is the world's most popular Linux distribution, and it was the perfect option to replace the existing environment. Ubuntu not only offered significantly better economics, but it also provided security, ease of use, a predictable release schedule, and a consistent and interoperable environment across the data center and cloud.

While the customer wanted to pivot its OS strategy away from existing its Linux provider, IBM Db2 and Red Hat JBoss EAP were still core components of its IT ecosystem and the new operating system would need to support these platforms. Canonical and Tech Mahindra worked together to successfully run both applications on Ubuntu via OpenJDK, eliminating the key barrier to migration.

Ongoing activities

- ▶ The migration of IBM Db2 and JBoss EAP on 50 Ubuntu servers will happen by end of 2022
- ▶ The rest of the migration - comprising approximately 90 additional Ubuntu servers - will be completed in 2023

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Tech Mahindra's partnership with Canonical brings enterprise flexibility, reliability, and innovation to our service offerings. Utilising open source and best of breed technologies ensures Tech Mahindra delivers our vision to provide exceptional service in a very cost-optimised manner to our customer. The Canonical sales and engineering teams helped Tech Mahindra to design and deliver a transformation journey of the customer IT landscape

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Mohammad Aftab

Program Manager, Tech Mahindra

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We are excited to see Tech Mahindra embracing more and more Open Source backed by Canonical's enterprise grade support into its digital transformation projects. Through this joint partnership win, Tech Mahindra not only has been able to acquire expertise on Ubuntu platforms but now can add a lot more value within their customers' heterogeneous IT environments. This combination of our collaborative strength, positions Tech Mahindra to uniquely solve complex problems through Open Source, backed by Canonical Enterprise grade support at very competitive economics. The partnership has also allowed the sales team from both companies to work on ambitious plans on a global scale, and we are looking forward to the opportunities ahead!

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Regis Paquette

Sr. Vice President, Global Alliances and Channels, Canonical

Business and Community Impact

Migrating to Ubuntu delivered an array of advantages over the customer's previous Linux environment. The new ecosystem is secure, cost-effective, high-performing, and backed by expert support.

The customer opted for Ubuntu Advantage for Infrastructure (UAI) to provide unparalleled security and 24/7 enterprise-level support from Canonical. It also provides access to the necessary artefacts to comply with Common Criteria, an international (ISO/IEC 15408) computer security certification for high security environments, and FIPS 140, the U.S. government data protection profile.

With UAI - Advanced, Ubuntu was still a fraction of the cost of the customer's existing Linux provider, enabling the insurer to redirect saved funds to cover the cost of migration, as well as with other projects and innovations.

Tech Mahindra provided more than 60 % cost benefit on the enterprise grade support to customer by migrating from existing commercial Linux environment to Ubuntu

Alongside the benefits of Ubuntu, the customer is now better positioned to leverage additional open-source technologies as Canonical extends enterprise-grade support to a vast portfolio of open source solutions.

You can find more information [here](#)



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