How Innago cut cloud backup costs with Eon by 40%

Learn how Eon's first-of-its-kind autonomous backup platform helped Innago streamline backups and turn them into an easy-to-use asset that delivers ongoing business value and peace of mind.

Overview

Innago—a free and rapidly growing platform that makes rental property management simple, accessible, and affordable—wanted to rearchitect the company's cloud infrastructure. Innago's current system had fragmented backup strategies, required manual oversight that missed coverage, lacked unified policy management, restore complexity, and compliance challenges, especially as the company was looking at international expansion. With plans to expand from two to more than 40 PostgreSQL and MariaDB databases running on Kubernetes, the team needed an autonomous backup solution to decentralize development, reduce manual effort, and provide guardrails for backup policy, posture, and compliance readiness. AWS Partner Eon's agentless architecture, cross-region policy control, and visibility into backup status, among other features, made it the perfect fit.

The challenge of unwieldy, manual backup strategies

As Innago experienced rapid growth and saw new opportunities in the UK, Canada, and Europe, the company made the strategic decision to move from a tightly-coupled monolith to a more modular, service-oriented cloud architecture. In particular, the company wanted to empower engineering teams with autonomy and tooling, scale from two to more than 40 microservice-owned databases, and create fintech-adjacent offerings with audit-readiness and a security posture. However, as Innago began moving databases to Kubernetes, a series of challenges emerged.

About Innago

Cincinnati, Ohio, based Innago is a free, easy-to-use property management software solution designed to save rental property owners and managers time and money. The company's mission is to make managing rental properties of any size or complexity simple, accessible, and affordable. Innago allows owners and managers to create applications, screen tenants, sign leases, collect rent, manage work orders, organize financials, communicate with tenants, and much more. From day one, Innago met and collaborated with rental property owners of all sizes to produce a software solution that is free, effective, and efficient.

www.innago.com

As Innago began moving to Kubernetes, they used open-source database operators like Crunchy PostgreSQL and MariaDB Operator to run workloads on EKS, but quickly realized they needed a more centralized solution to manage backups at scale, enforce cross-region policies, support granular recovery, and meet compliance expectations. Backup gaps from mis-tagged Amazon Elastic Compute Cloud (EC2) meant no visibility into Kubernetes backups. Cross-region backup requirements were hard to enforce and detect, manual restore made it hard to trust that restores would work when needed, and fintech aspirations demanded a strong backup posture.

Generally speaking, these are common issues that Eon routinely helps its customers navigate. Before Eon, backup systems were slow, siloed, and reactive causing delayed access to data, rising cloud storage costs, ransomware exposure, complexity at scale, and limited data value because backup was seen as a passive safety net, not a valuable resource. These pain points drove forward-thinking Eon teams to develop a modern solution that could make data backup instantly usable, secure, cost-efficient, cloud native, and drive value creation. As Innago prepared for its next iteration, the company recognized that Eon represented not just a more efficient backup system but a 'smart' solution that would help it achieve its goals while future-proofing cloud backup.

Implementation and collaboration

During the proof of concept, Innago worked closely with Eon's solution team to validate backup coverage and restore workflows for live EKS clusters running PostgreSQL and MariaDB. The implementation required no cluster-side agents and relied on Kubernetes-native patterns, including PVC-level backup and restore.

The process included deleting data from test environments, triggering restores, and validating that data returned accurately. Average restore time for small-to-medium volumes was 10–15 minutes. Innago credited the smooth rollout to Eon's hands-on, responsive support during onboarding—highlighting how the collaborative approach gave their engineering team early confidence in the platform.

> **"The fact that I can go in and define a policy that says everything needs to have a backup, I need to have retention periods within this window, I want my backup to be in a different region... that whole different-region thing would have been impossible to detect with our previous setup. It's achievable, but it would be a lot of work to do something very simple."**
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> **Chris Anderson**
> Director of Engineering, Innago

Eon: Bringing a posture-first philosophy to cloud backup management

After Innago compared Eon to other options, it was clear that Eon is doing something different. This posture-first philosophy is part of what Eon calls Cloud Backup Posture Management (CBPM)—a strategic approach to continuously scanning, mapping, and classifying cloud resources, then dynamically applying the right backup policies across environments to meet business and compliance needs. Agentless architecture eliminates the need to install sidecars or daemons on Kubernetes clusters. Simplified checking of backup coverage across accounts and services provides central visibility. The ability to explore PostgreSQL backups (tables, users, etc.) without restoring offers schema-level visibility. And cross-regional controls empowers companies to set and enforce region placement with less manual validation. While there are numerous backup 'tools,' Innago recognized that Eon would provide a total solution to the company's pain points.

With Eon, Innago could turn passive data into a live, strategic asset that would fuel security, compliance, innovation, and insight. During the POC, Innago validated schema-level visibility into PostgreSQL backups—enabling their team to explore tables, users, and other metadata without triggering a restore. This made it easier to spot issues early and gave them confidence in policy enforcement and restore readiness. With agentless deployment, open formats, and API-driven control, Eon scales seamlessly across hybrid and multi-cloud environments with minimal effort. Eon's intelligent tiering, deduplication, and storage efficiency dramatically reduces cloud backup costs while its air-gapped, immutable storage enables near-instant recovery after a data loss or system failure—an important foundation for future ransomware preparedness.

Underscoring the power and utility of the Eon solution is its partnership with Amazon Web Services (AWS), which offers global scale, infrastructure reliability, and the ecosystem integration that Eon's customers expect, especially those operating in hybrid and multi-cloud environments. By building with AWS, Eon can give its customers faster deployments because it integrates natively with AWS; scalability with real-time data access, recovery, and analytics; AWS-native features that deliver ransomware-proof storage with immutability, air-gapping, and compliance alignment; and international reach on the AWS global footprint. Additionally, through the AWS marketplace and co-selling initiatives, Eon is able to reach enterprise customers faster with a frictionless procurement path and trusted ecosystem validation.

40%
savings

in cloud backup costs

Eliminated blind spots

from missing Amazon EC2 tagging and manual lifecycle manager configurations

Consolidated visibility

across Amazon EC2 and Amazon EKS

The result: savings, efficiency, security, and increased business value

Soon after deployment, Eon partially paid for itself simply by what Innago turned off. Innago saved 40% on its AWS backup costs; eliminated blind spots from missed Amazon EC2 tagging and manual lifecycle manager configurations, and consolidated visibility across both Amazon EC2 and Amazon Elastic Kubernetes Service (EKS). Moreover, Innago performed a successful restore validation using Kubernetes-native patterns, including tests with the Crunchy PostgreSQL and MariaDB operators. These required teardown and rebinding of persistent volumes—key capabilities that Eon handled without additional cluster-side software. Eon plays a central role in enabling Innago's next phase of platform maturity. With Eon's autonomous CBPM, Innago can continuously scan and classify resources, apply the right backup policies, and enforce coverage, retention, and region placement across EC2 and EKS. This posture-driven control supports compliance readiness for frameworks like SOC 2, PCI, and GDPR—while helping Innago scale safely and confidently. As part of this modernization, Innago is also phasing out MariaDB and consolidating on PostgreSQL to simplify operations and accelerate developer productivity. Eon's CBPM has helped turn backup from a patchwork of tools into a centralized, automated discipline, giving Innago the visibility and confidence to scale globally.

About AWS Partner Eon

New York City-based Eon is revolutionizing cloud data backup. The company automates customer backups and transforms them into a live data lake that provides instant access for real-time recovery and powerful analytics across a customer's diverse cloud environment. By introducing the first backup autopilot for the age of cloud infrastructure, Eon brings cloud backup posture management (CBPM) to enterprises to transform traditional, hard to use cloud backups into useful, easy-to-manage assets that deliver ongoing business value. With Eon, backup becomes a foundation for innovation, not a barrier to it.

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