

Solution: Data Lake as a Service

An Automated, Flexible Cloud Stack for a Wide Variety of Data and Analytics Workloads.
Fully-Managed Service with Cloudera EDH on Azure or AWS with Automation & Built-In DevOps.



Data lakes support enterprise wide projects with a centralized environment for data and analytics. Deployed wisely, data lakes deliver significant benefits. Early data lakes were “do it yourself” (DIY) projects, leading some to underestimate the challenge of optimizing for storage, workload variety, security and access. Even in the cloud, DIY data lakes are challenging - often 8-12+ month projects with uncertain results. Now, there’s a better way.

There’s no need or reason to run your own infrastructure. The Cazena-Cloudera Data Lake as a Service is provisioned and ready for data loading in hours. Solutions are fully-managed and automated, with DevOps built-in, reducing costs by 50%+ and accelerating deployments by months.

Cazena’s Data Lake as a Service Solution combines Cloudera EDH (Spark/Hadoop), cloud infrastructure (Azure/AWS), workload management, enterprise security, SaaS interfaces and more into one solution. Support a wide range of workloads in a single environment. Use popular tools or methods (SQL, R, Python, etc.) or get new capabilities via Cazena’s AppCloud. Everything is automated, fully-managed, and supported with cloud experts handling everything from patch management to backups and upgrades. Cazena delivers the best price-performance for Cloudera data lakes in the cloud.

Why Cazena+Cloudera for Data Lakes?

50%+ Less for a Fully-Managed Turnkey Solution: Cazena delivers full cloud data lake stack for 1/2 the cost of DIY, guaranteed to work and production-ready on delivery.

SaaS Interfaces for Analytics: Drive adoption and impact with intuitive interfaces for data access, engineering and analytics.

Keep IT Lean, with Managed PaaS/IaaS & DevOps Built-in: Scale with automation, not headcount. Get the best price-performance and security available.

Deploy Cloudera in the Cloud Quickly: Provisioned in hours, delivered ready for secure data loading and analytics, no new skills/staff required. Enterprise deployments in ~2 - 4 weeks.

Keep Clusters and Pipelines Connected: Cazena’s Hybrid Gateways make it easy to extend and augment current environments with more cloud resources.

Reduce Cloud Risks and Maintain Enterprise Standards: Cazena offers production-grade Cloudera deployments in single-tenant clouds, with industry-leading security and compliance certifications.

Improve Data Agility: Leverage Cloudera’s modern data platform and ecosystem, with Cazena’s fully-managed services and cloud optimization.

Learn More, See a Demo or Request a POC: [Cazena.com/Cloudera](https://cazena.com/Cloudera)

Solution At a Glance: Data Lake as a Service

Summary: End-to-end solution for wide variety of data workloads. Elastic and powerful cloud data management stack with embedded analytics engines. Popular tools like Cloudera Data Science Workbench, StreamSets and many others can be delivered with the service. Easily extend existing clusters, tools and pipelines to the cloud. Fully-documented REST APIs.

Capabilities: Cloud IaaS, PaaS engines, EDH, data encryption/ingestion, embedded analytics engines, security functions and more -- all integrated, optimized and delivered “as a service” on proven cloud provider infrastructure. Cazena be accessed via SaaS UIs, scripts or data & analytics tools.

Data and Analytics Engines: Cloudera EDH stack (Apache Hadoop (Core), Spark, Kudu, Altus, Impala, Kafka, etc.) and more as determined by requirements.

Cloud Infrastructure Providers: Microsoft Azure, AWS

Enterprise-Ready: Includes software for secure hybrid connections, robust management processes, as well as enterprise security, governance and compliance certifications.

Pricing Model: Subscriptions include technology licenses, cloud infrastructure, management & 24x7 support.

Fully-Managed End-to-End - DevOps Built-in: Cazena manages, monitors, and supports 24x7, incl. upgrades, testing, etc.

About: Cazena is the First, Fully-Managed Cloudera EDH as a Service with solutions for data lakes, data science and analytics. Cazena solutions are secure and automated with DevOps built-in, so organizations can deploy faster, improve agility, cut costs by 50%+ and reduce risks. Cazena has significant enterprise expertise, founded by the former leaders of Netezza, the first hardware data appliance. Learn more: [Cazena.com](https://cazena.com).