



# Rackspace Managed Big Data Platform

Achieve enhanced performance, security, cost efficiency and scalability for your data-driven workloads.

The value that companies can derive from collecting and analyzing Big Data is undeniable. However, the technology and knowledge required to get the most out Big Data is no small factor in the equation.

Big Data workloads typically involve large data sets that require multi-faceted classification and analytics across a broad spectrum of data formats, such as finance, healthcare, automotive, and other markets with a need for targeted analytics. Machine learning and artificial intelligence (AI) are also obvious consumers of Big Data; high volumes of diverse data types, generated real-time and stored both online and off-line, is required for successful machine learning and well-informed AI.

Many companies want to leverage the valuable insights that a robust data processing framework can provide, but they struggle with standing up and maintaining these environments. Rackspace Big Data experts have decades of experience managing some of the world's most important data. These experts can act as an extension of your team, managing and optimizing your data analysis, machine learning, AI, and forecasting work.

The Rackspace Managed Big Data Platform harnesses the full stack of data technologies, with our managed Hadoop service built on the open source Cloudera Data Platform (CDP) and Hortonworks Data Platform (HDP) at the core. The Hadoop ecosystem provides a powerful set of open source components such as Apache Kafka® for real-time analysis of streaming data, Apache Spark® for lightning fast in-memory cluster computing, security and governance tools such as Ranger, and automation and orchestration with Ansible and Docker.

## Experts Dedicated To Your Success

Rackspace data experts have, collectively, hundreds of years of experience, certification and knowledge. A strength of the Managed Big Data Platform is that Rackspace data experts actively collaborate with Hortonworks support services to bring a unique level of expertise to configuring, maintaining, and optimizing Hadoop and the entire Big Data ecosystem. Add that to the fact that Rackspace has managed over 50,000 database servers, and it's clear that Rackspace has the real-world production experience you can't find anywhere else.

## About Rackspace

Rackspace is your trusted partner across cloud, applications, security, data and infrastructure.

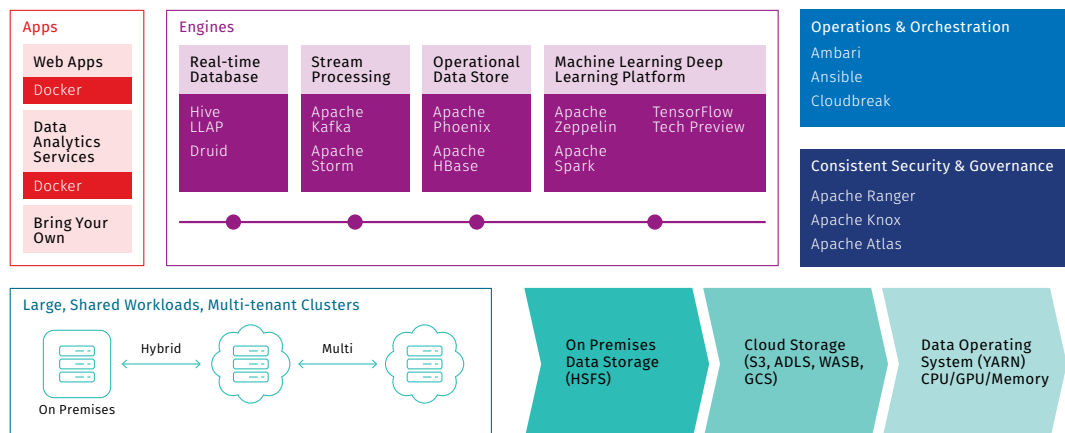
- A leader in the 2019 Gartner Magic Quadrant for Public Cloud Infrastructure Professional and Managed Services, Worldwide
- 3,000+ cloud experts
- Hosting provider for more than half of the Fortune 100
- 20+ years of hosting experience
- Customers in 150+ countries

*"We process large amounts of data from sources all over the country. Spinning up dozens of cloud servers helps us get through big data processing jobs in hours instead of weeks. Rackspace's ability to manage and connect our dedicated servers to their demand-based cloud instances is unlike anything else out there."*

Mike Prince :: Founder, Corporation Wiki

## Fanatical Experience™

Experts on your side, doing what it takes to get the job done right. From first consultation to daily operations, Rackspace combines the power of always-on service with best-in-class tools and automation to deliver technology when and how you need it.



## Key Benefits In Using a Managed Big Data Platform

Time, money, knowledge, and information are important considerations when deciding to work with Rackspace to provide a managed Big Data environment.

**Deployment assistance:** The use of Ansible automation when deploying a Big Data cluster allows Rackspace to build customized implementations based on the customer's environment.

**Always-on support:** Rackspace can run your cloud ops for you, or be there whenever you need a little extra help. Either way, you get access to deep Hadoop, Spark, and ecosystem expertise to help you optimize your environment and troubleshoot problems.

**Monitoring:** Rackspace monitors hundreds of different metrics on the managed Hadoop clusters, and will take proactive steps when any triggers occur.

### Take the Next Step

Let's talk about how Rackspace big data expertise helps you achieve your goals.

Learn more: [www.rackspace.com](http://www.rackspace.com)

Call: 1-800-961-2888