

RACKSPACE BIG DATA PLATFORM

We'll manage your clusters, so you can focus on your business.

Running Hadoop® can be hard. Not only the initial setup and testing, but also running it at scale. Many companies want to leverage the valuable insights that technologies like Apache™ Hadoop® can provide, but they struggle with standing up and maintaining the environments.

The Rackspace Managed Big Data Platform is a fully managed Hadoop-based service based off the popular Hortonworks Data Platform, offering its users the power and availability of big data, without the pain of maintaining clusters and troubleshooting jobs. Each environment comes with the supported Hadoop components installed, as well as many tools like API access and control panel operation—which help to provide further ease-of-use. Since not every Hadoop operation is the same, we offer multiple deployment options to fit the exact demands of your data.

Additionally, our Big Data Platform now supports **Apache Spark™**. Apache Spark is an easy-to-use cluster-computing tool that allows you to run queries in-memory at faster speeds than traditional Hadoop. Spark powers a stack of high-level tools including Spark SQL, MLlib for machine learning, GraphX, and Spark Streaming. In the Rackspace Cloud Big Data Platform, Apache Spark is another tool that users can leverage to make sure that they are serving the demands of their applications.

Managed by Hadoop Specialists

Our experts can run your cloud ops for you, or be there whenever you need help—you choose the level of service you want. Either way, you get 24x7x365 access to engineers who can help you achieve the highest performance, security, cost efficiency, and scalability for your workloads.

CLOUD BIG DATA PLATFORM	CLOUD BIG DATA PLATFORM ONMETAL™	MANAGED BIG DATA PLATFORM
Simple	Single-Tenant	Customized
On-Demand	On-Demand	Enhanced Security
Flexible	Performant	Dedicated



RACKSPACE CLOUD BIG DATA PLATFORM

Our **Cloud Big Data Platform** is an industry-leading Apache Hadoop distribution you can deploy and scale rapidly in the cloud, with easy pricing and no up-front investment. This platform provides an open Hadoop-as-a-Service model that enables a large ecosystem of application vendors.

With the Cloud Big Data Platform you can:

- Spin clusters up and down, in minutes
- Provision and manage clusters through an easy-to-use control panel or API
- Store data and results in Cloud Files
- Secure SCP directly into data nodes
- Deploy OnMetal Big Data for increased performance and single-tenant operation



RACKSPACE MANAGED BIG DATA PLATFORM

Our **Managed Big Data Platform** is an optimized big data platform, powered by Hadoop, aimed at reducing your operational burden while providing an open source framework that enables a large ecosystem of application vendors. This platform allows you to design your ideal Hadoop environment with added network security and single tenant operation. With the Managed Big Data Platform you can:

- Design your optimal Hadoop environment with granular detail
- Implement dedicated security devices like firewalls, intrusion detection, and log management
- Integrate with data warehouse and other storage platforms

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RACKSPACE BIG DATA PLATFORM, cont.

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Tools and Features

Based on the service you select, you can take advantage of the following:

- **Help-Me-Choose Tool** – Choose the right environment for your Hadoop operation with this easy-to-use tool.
- **Gigabit Network** – Get 1GB to 10GB networking capabilities between nodes and master services—at no extra charge.
- **Single Tenant Option** – Larger instances (10TB) are built using single server instances with no multi-tenancy, so you can take advantage of the full resources of your host machines.
- **Connect to MongoDB** – Allow data to live natively in our popular Object Rocket MongoDB services without the added headache of replicating or purchasing additional storage.
- **Now Including Spark** – We support the Spark in-memory cluster computing tool for customers who want to maximize streaming and interactive workloads. Our team is skilled in Apache Spark and other new tools inside the HDP 2.1 framework.
- **Connect to Cloud Files** – Connect to this popular and cost-effective file storage platform; Cloud Files. Spin up Cloud Big Data only when you need to do data processing and have the data and results live in Cloud Files.
- **Secure SCP Transfer** – Use SCP to upload data directly into data nodes instead of going through the gateway node first.

Pricing

The chart below outlines the pricing options for Cloud Big Data Platform. Managed Big Data Pricing will vary based on configuration.

HOSTING	Multi-tenant	Multi-tenant	Multi-tenant	Single-tenant	Single-tenant
vCPU	2	4	8	16	40
RAM	7.5GB	15GB	30GB	60GB	128GB
GATEWAY NODES	1	1	1	1	1
NAME NODES	2	2	2	2	2
NETWORK THROUGHPUT	up to 1.25Gbps	up to 2.5Gbps	up to 5Gbps	up to 10Gbps	Bonded 10GB
PRICE	\$0.34/hr	\$0.68/hr	\$1.36/hr	\$2.72/hr	\$2.95/hr
STORAGE	1.25TB	2.5TB	5TB	10TB	OnMetal 3.2TB

Want to try us out?

Try OnMetal for Cloud Big Data—for both Apache Spark and Hadoop—offering you a fully managed bare-metal platform for in-memory processing. Get a free trial of OnMetal for Cloud Big Data by visiting BareMetalBigData.com.

Still have questions? Contact us at DataServices-Sales@Rackspace.com

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