

## StackIQ Cluster Manager Integrated with MapR Gives You Everything That's Needed to Deploy and Manage Hadoop

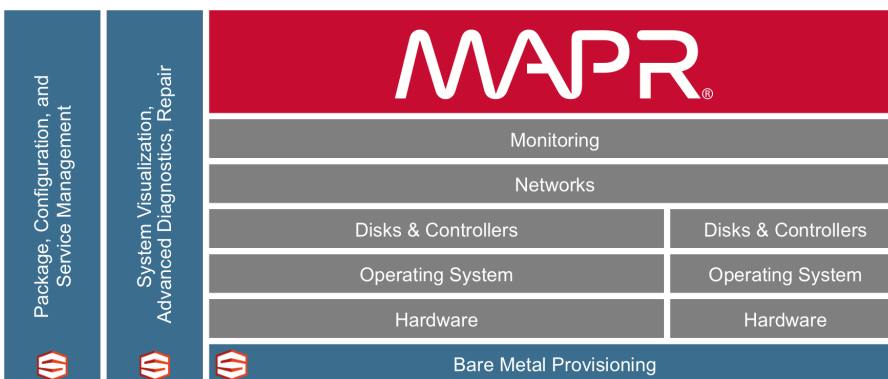
### StackIQ Cluster Manager and MapR Joint Solution

Apache™ Hadoop® provides a way to capture, organize, store, search, share, analyze, and compute data from disparate sources across a large cluster of commodity servers. Hadoop is designed to scale up from dozens to thousands of servers, each one offering local computation and storage. MapR Technologies has advanced the Hadoop state-of-the-art with major enhancements that overcome the significant limitations of other Hadoop distributions, making Hadoop more enterprise-grade in its operation, performance, scalability, and reliability, as well as in its ease of integration into the enterprise.

StackIQ Cluster Manager manages the day-to-day operation of the entire software stack running on the clusters. It provides heterogeneous hardware support, bare metal OS provisioning, programmatic disk and network management, and an interactive Hadoop management system. In other words, StackIQ Cluster Manager manages all of the software that sits between bare metal and a cluster application like Hadoop. Cluster configuration parameters are kept in a dynamic database, which is used for machine configuration, software deployment using a unique BitTorrent-like Avalanche peer-to-peer installer, management, and monitoring.

StackIQ Cluster Manager, in combination with MapR, offers the most efficient and easiest way to get your Hadoop cluster up and running. This powerful combination ensures that your big data project will be deployed faster and with greater success.

### StackIQ Solution Advantage



### At-A-Glance

Today, companies of all sizes analyze vast quantities of data with Hadoop to obtain better forecasting, clearer competitive analysis, and many other benefits. StackIQ has developed the MapR Roll, which is a module that connects StackIQ Cluster Manager to the MapR Distribution for Hadoop. The MapR Roll combines the MapR groundbreaking, unified big data platform with the industry-leading infrastructure management solution from StackIQ to create an enterprise-grade Hadoop solution that includes everything you need to install, configure, deploy, and manage your Hadoop cluster — right from bare metal.

### Key Features

- Integrated lifecycle management of the entire cluster — not just the Hadoop layer
- Flexible, automated system configuration for all commodity hardware
- Script-free configuration and deployment
- Peer-to-peer Avalanche installer
- Disk and network management
- Extensibility via "Rolls" framework
- Includes all MapR modules, including MapR-FS, MapReduce, Pig™, Hive™, HBase™, ZooKeeper, and more.
- Integration of Ganglia and Hadoop metrics
- System Utilization Dashboard
- Asset Management Dashboard



**Accelerate Your Big Data Initiative Today!**

Visit [www.mapr.com/StackIQ](http://www.mapr.com/StackIQ)  
or contact MapR at 855.669.6277



## StackIQ Cluster Manager Integrated with MapR Gives You Everything That's Needed to Deploy and Manage Hadoop



### Solution Components

With StackIQ Cluster Manager and MapR, you won't be left on your own to deal with any aspect of your Hadoop cluster. Everything is included, from the operating system to the full suite of services from MapR:

#### What's Included:

StackIQ Cluster Manager

MapR Distribution for Hadoop

CentOS Linux or Red Hat Enterprise Linux\*

Installation and configuration consulting services

*\*Available separately from Red Hat, Inc.*

### About StackIQ

StackIQ, a leading provider of software that automates the deployment and management of Big Infrastructure. Based on open-source Rocks cluster-management software, StackIQ simplifies the installation and management of the hardware and software that provides the infrastructure for large-scale environments with tens, hundreds, or thousands of servers supporting Big Data, Cloud, enterprise Linux applications, and High-Performance Computing.

### About MapR

MapR delivers on the promise of Hadoop with a proven, enterprise-grade platform that supports a broad set of mission-critical and real-time production uses. MapR brings unprecedented dependability, ease-of-use and world-record speed to Hadoop, NoSQL, database and streaming applications in one unified big data platform. MapR is used by more than 500 customers across financial services, retail, media, healthcare, manufacturing, telecommunications and government organizations as well as by leading Fortune 100 and Web 2.0 companies. Amazon, Cisco, Google and HP are part of the broad MapR partner ecosystem. Investors include Lightspeed Venture Partners, Mayfield Fund, NEA, and Redpoint Ventures. MapR is based in San Jose, CA. Connect with MapR on Facebook, LinkedIn, and Twitter.

### Key Benefits

#### Reduced times to production

Set key parameters, then sit back and let the parallel Avalanche installer build your Hadoop cluster right from bare metal. There is no faster way to go from pallet to production.

#### Ease of operation

StackIQ Cluster Manager provides all the tools you need to keep the cluster healthy and operating efficiently.

#### Best of breed

The integration between StackIQ Cluster Manager and MapR allows users to leverage best-of-breed tools at each layer of the stack, providing users greater uptime, efficiency and performance.

#### Extensibility

Modular architecture lets you customize your cluster to suit your particular needs. The StackIQ platform allows for the management of any application in your Big Data environment through the Open Source Rocks framework. A wide variety of software components are readily available or you can build your own.

#### Reduced time to scale

When it's time to scale out your cluster, StackIQ Cluster Manager makes it easy. Since the deployment and management engines were designed for scale, expanding your cluster or creating new ones at other locations is straightforward. No scripts to edit. No configuration guesswork.

