DATASHEET



StackIQ Enterprise Data

Organizations of all types are moving to deploy Hadoop and NoSQL solutions to gain a competitive edge. And the market has responded, offering a range of software solutions to choose from. But they all have one thing in common – they lack a comprehensive management suite. Some vendors offer no management, while others offer partial solutions. Today's enterprise data center operations require more than a partial solution to operate effectively. That's where we come in. StackIQ Enterprise Data provides an integrated solution that comes with everything needed to automate the deployment and management of Hadoop and NoSQL Clusters — from bare metal all the way to a working system.

WHAT IS STACKIQ ENTERPRISE DATA?

StacklQ Enterprise Data brings enterprise-class management to Hadoop. It was designed from the ground up to deploy and manage large-scale cluster infrastructure. It combines StacklQ's industry-leading cluster management solution with our Hadoop management software providing everything you need to install, configure, deploy, and manage your Hadoop cluster — right from bare metal. StacklQ Enterprise Data makes it easier than ever to build a robust, production-grade, big data cluster that can reside in any enterprise data center.





KEY FEATURES

- Complete lifecycle management of the entire cluster — Hardware, Operating System, Network, Hadoop and NoSQL software
- Supports popular Hadoop and NoSQL distributions
- Flexible, automated system configuration for all commodity hardware
- Script-free configuration and deployment
- Peer-to-peer Avalanche
 Installer
- Disk and Network Management
- Extensibility via the "Rolls" Framework
- Integration of Ganglia and Hadoop Metrics
- Point-to-Point Data Movement Visualization
- Data Balancing Dashboard
- Job Tracker Dashboard



SOLUTION COMPONENTS

With StackIQ Enterprise Data, you won't be left on your own to deal with any aspect of your Hadoop cluster. We include everything "in the box" to support the Hadoop or NoSQL distribution of your choice.

- StackIQ Cluster Manager
- StackIQ Hadoop Manager
- Apache Hadoop
- CentOS Linux or Red Hat Enterprise Linux*

SUPPORT

An enterprise-grade solution needs enterprise-grade support. That's why StackIQ Enterprise Data features full support for the management platform.

Standard Support Subscription — Standard Support assists organizations during the proof-of-concept, staging, and deployment phases. Included are configuration and installation questions, explanation of routine maintenance, diagnosis of system issues, and any bug fixes or patches that may be necessary. Standard Support subscriptions are intended for environments that are not mission-critical.

Enterprise Support Subscription — Enterprise Support includes all of the support coverage from Standard Edition plus the ability to contact StackIQ Support via email or phone, 24x7 with up to one-hour response times for mission critical production issues.



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BENEFITS

Reduced time to production — Choose the software you want, 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 pal-let to production.

Ease of operation — The StacklQ Enterprise management software for Hadoop provides all the tools you need to keep the cluster healthy and operating efficiently. Competing products do not integrate Hadoop management and cluster configuration and deployment. StacklQ Enterprise Data handles your complete cluster environment from a single pane of glass, providing our users greater uptime, efficiency, and performance.

Extensibility — Modular architecture lets you customize your cluster to suit your particular needs. Our 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, StacklQ Enterprise Data makes it easy. Since the de-ployment 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.

Choice — Choose your favorite distribution from Hortonworks, MapR, Cloudera, or Apache Hadoop — StacklQ can handle them all.