cloudera

Cloudera Enterprise

Subscribe to Cloudera Enterprise. Focus on understanding your business instead of worrying about managing Hadoop.

Cloudera Enterprise is your fastest, most effective path to production with Apache Hadoop. This compelling subscription offering delivers rapid deployment, simple, yet sophisticated cluster management, and comprehensive support for Cloudera's Distribution Including Apache Hadoop (CDH). Cloudera Enterprise helps you quickly and easily operationalize your Hadoop system so that your team can focus on using Hadoop to better-know your customers, products and markets.

What is Cloudera Enterprise?

Cloudera Enterprise is a subscription offering which enables data-driven enterprises to run Apache Hadoop environments in production cost effectively with repeatable success. Comprised of Cloudera Support and Cloudera Manager, a software layer that delivers deep visibility into and across Hadoop clusters, Cloudera Enterprise gives Hadoop operators an efficient way to precisely provision and manage cluster resources. It also allows IT shops to apply familiar business metrics – such as measurable SLAs and chargebacks – to Hadoop environments so they can run at optimal utilization. Built-in predictive capabilities anticipate shifts in the Hadoop infrastructure, ensuring reliable operation.

With companies of every size experiencing an explosion of data types and volumes, Hadoop has become the platform of choice for enterprises looking to store, process and analyze both structured and unstructured data. However, as with any technology deployed in a production environment, installing Hadoop and turning it on is not enough to guarantee success. You must also ensure that you have the appropriate software to manage, monitor and effectively provision your Hadoop cluster to the users and applications that will rely upon it. Developing these tools in-house adds significant cost and complexity to the process of making your Hadoop cluster production ready. Whether it's building a resource management application to help allocate storage and CPUs or designing an activity monitor to aid in proactive maintenance, development cycles, significant resources and very specific expertise are required.

Cloudera Enterprise makes it easy to run open source Hadoop in production

Simplify and accelerate Hadoop deployment

Reduce the costs and risks of adopting Hadoop in production

Reliably operate Hadoop in production with repeatable success

Apply SLAs to Hadoop

Increase control over Hadoop cluster provisioning and management

" The management suite delivered in Cloudera Enterprise fills an important need for managing our Hadoop cluster. "

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Leverage Cloudera Enterprise to extract measureable value from your Hadoop deployment.

Cloudera Enterprise addresses these challenges and optimizes your ability to run Hadoop in production. By combining software that delivers transparency and management controls with expert support, Cloudera Enterprise empowers you to:

Consistently meet or exceed your Service Level Agreements (SLAs)

Whether your service level targets revolve around cluster uptime, performance, security or Quality of Experience (QoE), Cloudera Enterprise delivers everything you need to keep your Hadoop cluster running consistently and predictably.

Affordably run your Hadoop cluster in production

Cloudera Enterprise drastically lowers your management and administration costs. By increasing your visibility into the Hadoop cluster and giving you granular control over the system, you will not only need fewer dedicated staff, you will also have the ability to actively provision system resources for different users and applications – making chargebacks quick and easy.

Leverage our ready-made management application

It's time consuming and costly to deploy a Hadoop solution using homegrown tools. Cloudera Manager, our comprehensive administration application, can be deployed in less than a day and delivers all of the capabilities you need to manage clusters of any size.

Achieve rapid issue resolution

Cloudera Enterprise puts our management software, knowledgebase and support experts right at your fingertips. You will be able to diagnose problems quickly (often before they start) and drive to a rapid resolution – maximizing uptime and allowing you to focus on your business.

Cloudera Enterprise Components

Cloudera Manager

As Hadoop is used for business critical workloads, companies require the same reliability, transparency and automation they have with their other popular enterprise platforms. Cloudera provides operators with a management system that governs the complete operational lifecycle of complete Hadoop stack.

Deploy
Automated, wizard-based installation and configuration

Discover
Service health and activity monitoring

Intelligent log management

Events and alerts

Diagnose
Job analytics

Log search

Configuration recommendations

Support Integration

Act
Service, configuration and security management

Optimize
Operational reporting

Cloudera Support

As your company's use of Hadoop grows and an increasing number of groups and applications move into production, your internal customers will expect greater levels of performance and consistency. Cloudera's proactive production-level support gives you the expertise and responsiveness you need. Cloudera Support includes:

Flexible Support Windows
8x5 or 24x7 to meet SLA requirements

Configuration Checks
Verify that your Hadoop cluster is fine tuned for your environment

Escalation and Issue Resolution
Resolve support cases with maximum efficiency

Comprehensive Knowledgebase
Expand your Hadoop knowledge with hundreds of articles and tech notes

Support for Certified Integration
Connect your Hadoop cluster to your existing data analysis tools

Proactive Notification
Stay up to speed with new developments and events

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