QuickSpecs

Overview

Cloudera Enterprise provides the centralized management and robust support that you need to operate Hadoop effectively as a mission-critical piece of your technology infrastructure. Designed to run on top of CDH, Cloudera's 100% open source and enterprise-ready Hadoop platform, Cloudera Enterprise includes everything you need to deploy CDH quickly, manage it easily and integrate it with the technologies and processes you rely on to keep your business moving forward. If you're looking for the fastest path to repeatable success with Hadoop, Cloudera Enterprise is for you.

With Cloudera Enterprise you can:

- Accelerate CDH deployment
- Simplify administration
- Optimize cluster performance
- Diagnose and resolve issues quickly
- Provision resources effectively Scale clusters easily

What's New

- HP is now offering 24x7 Cloudera Enterprise Core and Cloudera Enterprise Real Time Delivery 1 year subscription

At A Glance

Cloudera Enterprise

Cloudera Enterprise combines two different components into a simple annual subscription. It's the easiest way to deploy, operate and scale CDH environments:

- **Cloudera Manager** - You can easily deploy and centrally operate CDH. The application automates the installation process, reducing deployment time from weeks to hours; gives you a cluster-wide, real time view of nodes and services running; provides a single, central place to enact configuration changes; and incorporates a full range of reporting and diagnostic tools to help you optimize performance and utilization.
- **Production Support** - All support is provided by Cloudera. Cloudera's team of experts are on call to help you meet your SLAs. Cloudera offers the industry's highest quality technical support for Hadoop. Cloudera has a dedicated team of support engineers comprised of contributors and committers for every component of CDH. No one knows the Hadoop stack better or has more experience supporting large scale clusters in production. With Cloudera Support behind you, you'll experience more uptime, faster issue resolution, and better performance to support your mission critical applications.

Cloudera Enterprise Real Time Delivery

Cloudera Enterprise Real Time Delivery is a high performance NoSQL database that runs on Hadoop.

- Scale-out architecture - add servers to increase capacity
- Full consistency - guards against node failures or simultaneous writes to the same record
- High availability - multiple master nodes ensure continuous access to data
- Automatic sharding - data is written efficiently across machines in the cluster
- Replication - copy data across locations for disaster recovery and data protection
- Security - table and column-level security via Kerberos

Overview

Models

Licensing and Media Options

Cloudera

Cloudera Enterprise Core 1 Year Subscription 24x7 Support Flex Lic	BD822A
Cloudera Enterprise Real Time Delivery 1 Year Subscription 24x7 Support Flex Lic	BD824A

NOTE: These part numbers can be used to purchase multiple licenses with a single activation key. Customer will receive a printed license entitlement certificate via physical shipment. The license entitlement certificate must be redeemed online in order to obtain a license key.

NOTE: Only one certificate is shipped for multiple-quantities of the same license on a single order.

Standard Features

Cloudera Manager Features	● Deployment - Get up and running quickly and operate easily with wizard-based installation, centralized management, role-based administration and a comprehensive API ● Configuration - Configure and manage all hosts and services, security and system resources with built-in intelligence ● Monitoring - Maintain a central view of all activity in the cluster through heatmaps, proactive health checks, events and alerts ● Diagnostics & Reporting - Easily diagnose and resolve issues with operational reports, intuitive log viewing and search, audit trails and integration with Cloudera support.
Cloudera Enterprise Real Time Delivery Features	● Linear and modular scalability. ● Strictly consistent reads and writes. ● Automatic and configurable sharding of tables ● Automatic failover support between RegionServers. ● Convenient base classes for backing Hadoop MapReduce jobs with HBase tables. ● Easy to use Java API for client access. ● Block cache and Bloom Filters for real-time queries. ● Query predicate push down via server side Filters ● Thrift gateway and a REST-ful Web service that supports XML, Protobuf, and binary data encoding options ● Extensible jruby-based (JIRB) shell ● Support for exporting metrics via the Hadoop metrics subsystem to files or Ganglia; or via JMX
Warranty	All warranty support is handled by Cloudera. **NOTE:** HP provides third-party products, software, and services that are not HP Branded "AS IS" without warranties of any kind, although the original manufacturers or third party suppliers of such products, software and services may provide their own warranties.
Hardware Support	HP recommends referencing HP Solutions for Apache™ Hadoop™
Other product information	Additional product materials are available from the HP Solutions for Apache™ Hadoop™ at: http://www.hp.com/go/hadoop