

One Platform. Many Applications.

Data Engineering

Build new pipelines, process data faster, and enable new data science workloads

Analytic Database

Explore, analyze, and understand all your data

Operational Database

Build data-driven products to deliver real-time insights

Deploy and Run on Any Cloud

Multi-Cloud Provisioning

Deploy and manage Cloudera Enterprise across AWS, Google Cloud Platform, Microsoft Azure, and private networks

High-Performance Analytics

Run the analytic tool of choice against cloud-native object store, Amazon S3

Elastic and Flexible

Support transient Hadoop clusters and grow and shrink as needed, or permanent clusters for long-running BI and operational jobs

Automated Metering and Billing

Spin up and terminate clusters, and only pay for what you need, when you need it

Cloudera Enterprise

Making Hadoop Fast, Easy, and Secure

Apache Hadoop is a new type of data platform: one place to store unlimited data and access that data with multiple frameworks, all within the same platform. However, all too often, enterprises struggle to turn this new technology into real business value.

Cloudera Enterprise changes that. Powered by the world's most popular Hadoop distribution, only Cloudera Enterprise makes Hadoop fast, easy, and secure so you can focus on results, not the technology.

Fast for Business

Only Cloudera Enterprise enables more insights for more users, all within a single platform. With the most powerful open source tools and the only active data optimization designed for Hadoop, you can move from big data to results faster. Key features include:

- **In-Memory Data Processing:** The most experience with Apache Spark
- **Fast Analytic SQL:** The lowest latency and best concurrency for BI with Apache Impala
- **Native Search:** Complete user accessibility built-into the platform with Apache Solr
- **Updateable Analytic Storage:** The only Hadoop storage for fast analytics on fast changing data with Apache Kudu (beta)
- **Active Data Optimization:** Cloudera Navigator Optimizer (limited beta) helps tune data and workloads for peak performance with Hadoop

Easy to Manage

Hadoop is a complex, evolving ecosystem of open source projects. Only Cloudera Enterprise makes it simple so you can run at scale, across a variety of environments, all while meeting SLAs. Key features include:

- **Powerful Cluster Operations:** Cloudera Manager is *the* Hadoop administration tool trusted by the professionals
- **Hybrid Cloud Operations:** Only Cloudera Director provides dynamic cluster management across all the major cloud environments
- **Expert Support:** Dedicated help and predictive care, just a click away
- **Open Source Leadership:** Constant open source development and curation, with the most rigorous testing, for trusted innovation

Secure without Compromise

The potential of big data is huge, but not at the expense of security. Cloudera Enterprise is the only Hadoop platform to achieve compliance with its comprehensive security and governance. Key features include:

- **Enterprise Encryption and Key Management:** Protect *everything* with Navigator Encrypt and Navigator Key Trustee
- **Uniform Access Policy Enforcement:** Uniformly manage and enforce role-based access controls across the entire platform with Apache Sentry and RecordService
- **Automated Data Management:** The only full-stack audit, lineage, discovery, and lifecycle management for Hadoop with Cloudera Navigator
- **Secure Operations:** The only separation of duties to protect production environments and built-in log and query redaction to protect sensitive information

“Cloudera supplements everything we liked about Hadoop by providing a clear path to being production-ready, ease of management, and top performance. We now have the agility to quickly react to new situations and deliver market-leading capabilities to our clients.”

CounterTack

One Platform. Many Uses. Designed for Your Needs.

Cloudera Enterprise is available on a subscription basis in five editions, each designed for your specific needs. Basic Edition provides superior support and advanced management for core Apache Hadoop. We also offer editions designed around how you're using the platform: Data Engineering Edition for programmatic preparation and predictive modeling; Operational Database Edition for online applications and real-time serving; and Analytic Database Edition for BI and SQL analytics. The Enterprise Data Hub Edition gives you everything you need to become information-driven, with complete use of the platform. All editions are available in your environment of choice, whether it's cloud, on-premise, or a hybrid deployment.

| Term | Cloudera Express | Cloudera Enterprise | | | | |
|---|------------------|---------------------|--------------------------|------------------------------|---------------------------|-----------------------------|
| | Unlimited/Free | Basic Edition | Data Engineering Edition | Operational Database Edition | Analytic Database Edition | Enterprise Data Hub Edition |
| Open Source Apache Hadoop Distribution | | | | | | |
| CDH (100% open source data platform, including Apache Hadoop) | • | • | • | • | • | • |
| Automated Cluster Management (Cloudera Manager) | | | | | | |
| Core Features: Multi-Cluster Deployment & management; Service & Configuration Management (including HA, cluster templates); Service, Host, and Job Monitoring (including health tests, health history, & charting); Kerberos (including Active Directory); Diagnostic Tools & Alerting; & a Comprehensive API | • | • | • | • | • | • |
| Advanced Features: Operational Reporting; Multi-Tenant Quota Management; Cluster Utilization Reporting; Configuration History & Rollbacks; Rolling Updates & Service Restarts; SNMP Support; Support Integration (including scheduled diagnostics & proactive maintenance); External Authentication (LDAP/SAML); Fine-Grained User Roles; & Automated Backup & Disaster Recovery | | • | • | • | • | • |
| Hybrid Deployment & Management | | | | | | |
| Cloudera Director: Flexible deployment across cloud environments; On-demand cluster creation/termination; Elastic cluster sizing; Cluster templates & cloning; Kerberos authentication & HA workflows; Rollback support; Multi-environment cluster management & monitoring; Comprehensive API & clients; & Customization | • | • | • | • | • | • |
| Components & Services Covered by Cloudera Support | | | | | | |
| Basic Hadoop (HDFS, YARN, MapReduce, Hive, Pig, HUE, Sentry, Flume, Sqoop, Kafka + Cloudera Manager, Cloudera Director) | | • | • | • | • | • |
| Flexible data processing (Apache Spark including Spark Streaming, MLlib, and Spark SQL) | | | • | • | • (Hive-on-Spark only) | • |
| Analytic SQL (Apache Impala (incubating)) | | | | | • | • |
| Cloudera Search (Apache Solr) | | | • | • | | • |
| Online NoSQL (Apache HBase) | | | | • | | • |
| Active Data Optimization (Cloudera Navigator Optimizer)* <small>*Optionally included at time of purchase or may be purchased separately</small> | | | | | • | • |
| Governance & Data Management (Cloudera Navigator including auditing, lineage, discovery, & policy lifecycle management) | | | • | • | • | • |
| Encryption & Key Management (Cloudera Navigator Encrypt & Key Trustee) | | | • | • | • | • |
| Support Features | | | | | | |
| Only with Cloudera: Dedicated global support team, proactive technical guidance, predictive issue analysis, comprehensive knowledge base, production solution guides, open source community advocacy | | • | • | • | • | • |
| Commercial License Warranty | | • | • | • | • | • |
| Indemnification: Get protection from litigation stemming from use of open source technology | | | • | • | • | • |
| 8x5 or 24x7 Expert Support: Get direct access to Cloudera's dedicated team of experts to help you resolve issues quickly and optimize your environment with the latest best practices, straight from the source | | • | • | • | • | • |
| Premium Support: 15-minute time-to-first response for critical issues available as additional purchase option | | | • | • | • | • |