

Data Analytics

Cloud Hadoop



Hadoop Clusters for Easy and Fast Big Data Processing/Analytics

Samsung Cloud Platform offers Hadoop clusters for big data processing and analytics. Cloud Hadoop supports small-scale computing resources to enable clustering and parallel processing of large-capacity data. In addition, the Hadoop ecosystem and management environments with validated compatibility based on Apache open source are also provided for convenient use.

Easy Environment for Big Data Analytics

Automated cluster installations on Samsung Cloud Platform is available anywhere, without the existing complicated infrastructure work for creating clusters. Support to various open source framework installations also enables easy configuration of big data analytics systems.

Reliable Node Management

For big data analytics, cloud resources can be scaled up or expanded in terms of the number of nodes. Master nodes can also be duplicated when creating a cluster to secure high availability required for enterprise service.

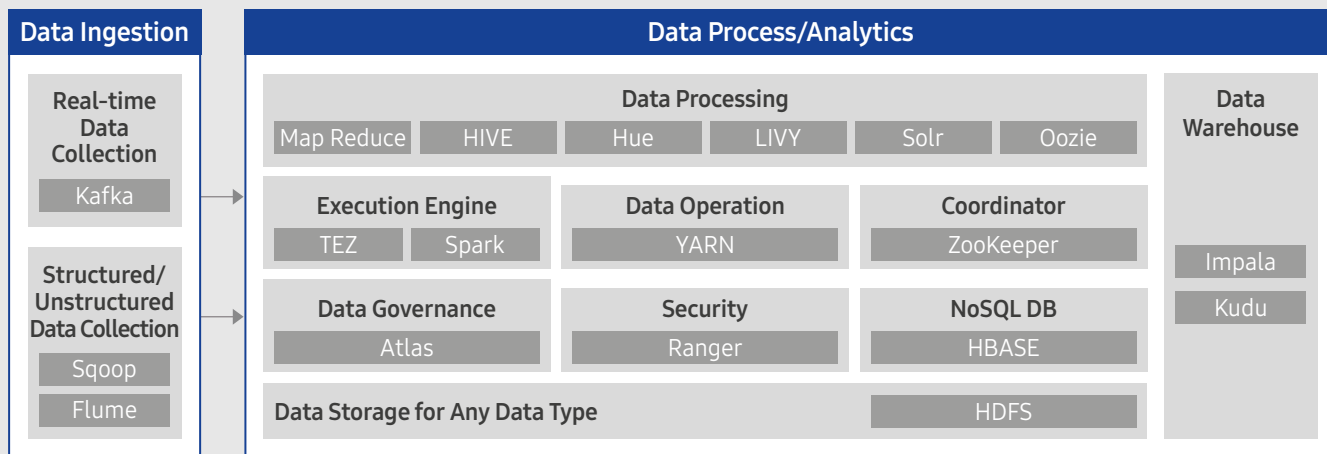
Convenient Cluster Management

An integrated monitoring dashboard is provided to manage cluster information and status. In addition to various system resource charts, setting version management and optimization recommendations by service are also offered. Any anomalies in the service are detected with real-time alerts to ensure reliable management.

Flexible Hadoop Ecosystem

Users can select and configure the Hadoop ecosystem that they need, optimizing resource usage. Configuring an additional ecosystem is also possible whenever needed.

Service Architecture



Key Features

- **Automated Hadoop clusters**
 - Offer Hadoop ecosystem with validated mutual compatibility and grant users server (VM) access
 - Initial installations : HDFS, YARN, HBASE, HIVE, TEZ, Hue, Solr, Spark, LIVY
- **Support for a number of open source software**
 - HDFS, ZooKeeper, YARN, Spark, HIVE, TEZ, Atlas, Ranger, LIVY, Hue, KERBEROS, HBASE, Solr, Kafka, Flume, Sqoop, Oozie, Kudu, Impala
- **User convenience features**
 - Installation/Management by Hadoop ecosystem
 - Optimal configuration value and version management
 - Dashboard for integrated monitoring on system resources
 - Alert on failure through service analysis

Pricing

- **Billing**
 - Hourly rate for VM type of cluster node (VM + Hadoop application cost)

FOR MORE INFORMATION

SAMSUNG SDS

www.samsungsds.com / cloud.samsungsds.com
contact.sds@samsung.com / scp_sales@samsung.com
youtube.com/samsungsds

