

Data Analytics

Search Engine



Convenient Creation and Management of Search Engine in Web Environments

Search Engine offers Elasticsearch for machine learning data analysis and OpenSearch for large-scale searches with automated configurations and environments.

The service runs in Virtual Server environments for reliable management and VPC-based single instance or cluster architecture is available. Backup/recovery, monitoring and other automation features support server log analysis, full text search, and application monitoring.



Outstanding Reliability and Availability

Samsung Cloud Platform's Search Engine guarantees high availability using synchronous replication cluster architecture based on Virtual Server with high reliability. The service offers optimized environments for secure management of customer data.



Elasticsearch Enterprise Offerings

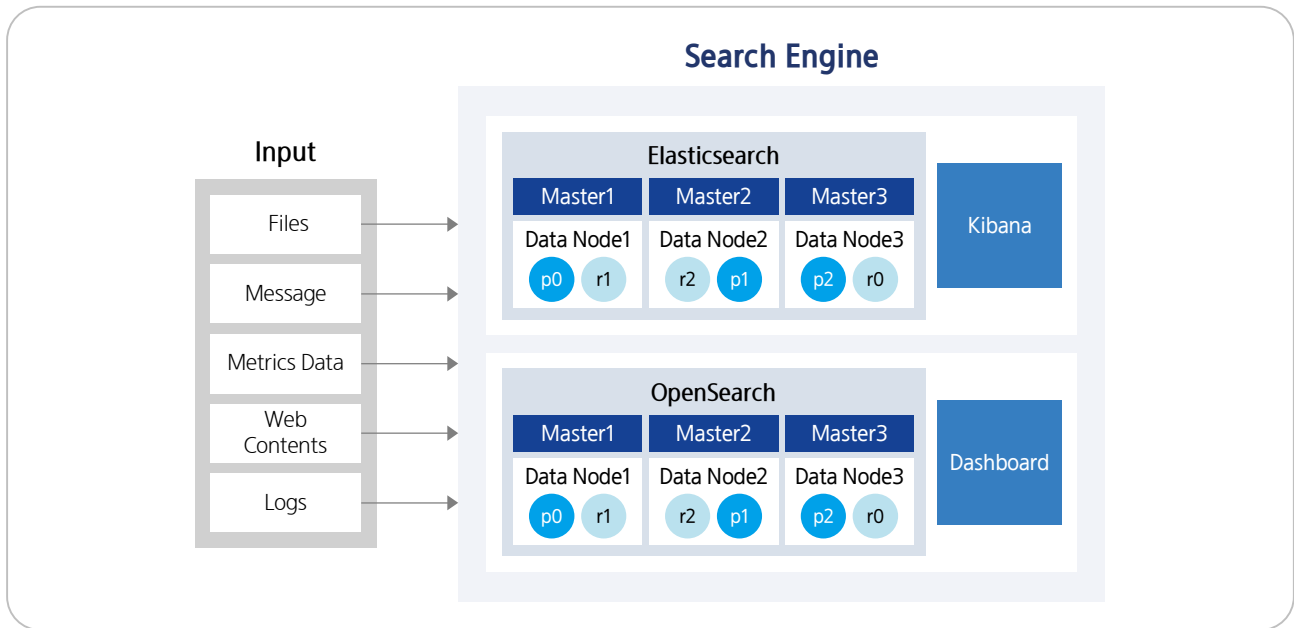
Elasticsearch Enterprise offers extensive features not available in the open source, such as machine learning, role-based access control(Security), data stream, and index lifecycle management. In addition, an expert team provides tech support and releases regular security updates.



OpenSearch Offerings

OpenSearch uses distributed search and indexing to enable real-time analysis of large-scale data. The visualization tool OpenSearch dashboard can be used to convert data into graphs for convenient analysis.

Service Architecture



Key Features

- **Rapid and secure instance creation**
 - Auto provisioning : Automatically install Search Engine using Virtual Server with various spec
 - Cluster configuration : Own replica architecture to guarantee availability
- **Simple and convenient management**
 - Backup : Store in Object Storage using its own backup function
 - Recovery : Able to recover to a specific point in time based on backup files stored in Object Storage
 - Monitoring : Monitor Virtual Server resources(CPU and memory) and Search Engine status

※ Search Engine service provides Elasticsearch Enterprise 8 of Elastic.
Elasticsearch Enterprise's software licenses use Bring Your Own License(BYOL), and software licenses in the cloud must comply with the policies of Elastic.

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