

Data Analytics

# Event Streams

## Creating/Managing Apache Kafka Cluster

Designed for large scale message processing, Apache Kafka enables automatic creation and setting. Running in a VM environment and being based on VPC, it supports convenient management, including the configuration of a single instance/cluster and event monitoring.

### Easy Cluster Configuration

Users can automatically install standard version Apache Kafka of the Samsung Cloud Platform using a web-based console. It can configure Broker, Zookeeper, one of the main components of Apache Kafka, in single or in cluster.

### Convenient Management

If you apply for Event Streams, you can deploy AKHQ, an open source Apache Kafka manager, to manage Apache Kafka conveniently.

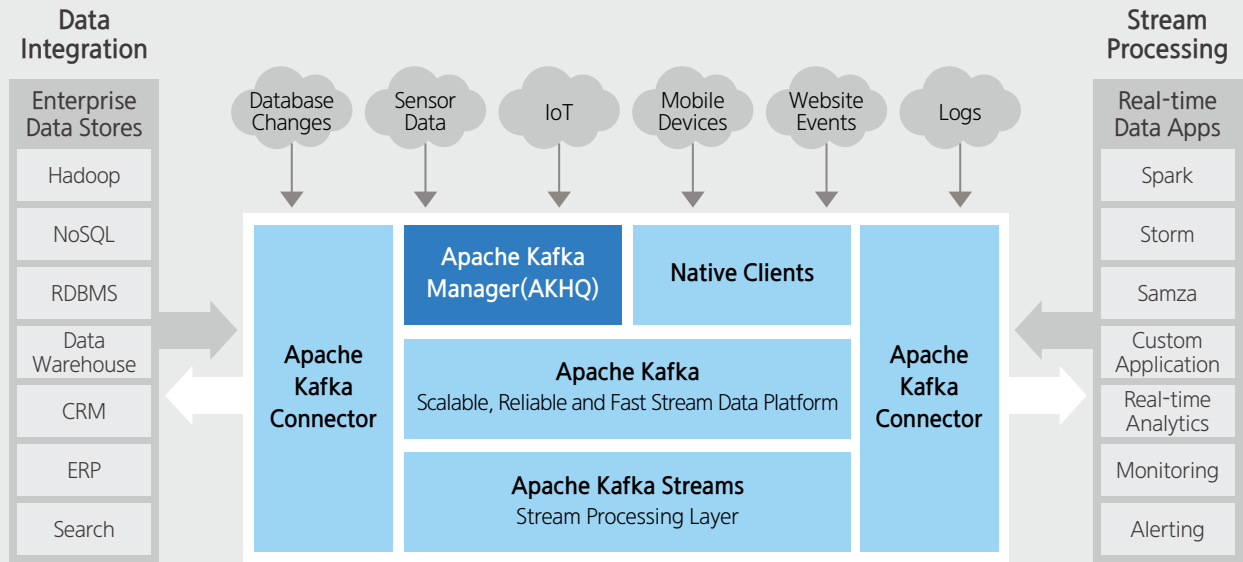
### Outstanding Reliability and Availability

Event Streams offers optimized environments to securely manage customers' data based on Samsung SDS' decades of experience and know-how on system management. The highly reliable high performance infrastructure and cluster architecture also ensure high availability.

### Robust Security

VPC(Virtual Private Cloud)-based network access architecture enables easier separation of databases and Security Group allows secure access while automated vulnerability diagnosis and analysis preemptively responding to security threats.

# Event Streams Cluster Architecture



## Key Features

- **Rapid and secure Apache Kafka creation**
  - Auto provisioning : Running in a VM environment, Apache Kafka with standard spec is auto installed
- **Simple and convenient Apache Kafka management**
  - Running status management : Manage life cycle of Apache Kafka service including creating/deleting clusters using a web-based console
  - Monitoring : Apache Kafka status monitoring
  - User configuration setting : Edit settings regarding Apache Kafka performance and security
  - Managing/changing operations : Settings change, Up/down spec(CPU, Memory), storage resizing
  - Using AKHQ, an open-source Apache Kafka Manager, one can manage Apache Kafka cluster
  - Can increase availability by enabling node addition

## Pricing

- **Billing**
  - Provided in VM package(billing for VM and Apache Kafka)
    - Without contract : Hourly rates based on metering information of server status being 'on'
    - With contract : Fixed monthly rates according to contract terms

※ Event Streams service provides open source Apache Kafka.

FOR MORE INFORMATION

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