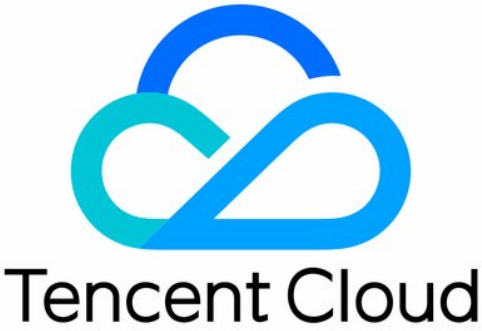
Stream Compute Service

Releases Notes and Announcements

Product Documentation



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Releases Notes and Announcements

Release Notes

Last updated：2024-06-27 11:53:37

April 2023

Update	Description	Release Date	Documentation
Enhanced Flink UI security control	Flink UI supports access allowlist configuration.	2023-04-17	Viewing the Flink UI of a Job
Optimized the ClickHouse connector	Optimization is made to alleviate this issue: Joining of multiple streams causes many data changes. As a result, the data sink has much pressure on ClickHouse.	2023-04-17	ClickHouse Data Warehouse
Optimized job log level configurations	Users can configure the log level of jobs in batches.	2023-04-17	Configuring Running Log Collection for a Job
Optimized database connection via JDBC	The error in splicing Oracle JDBC statements using composite primary keys is fixed.	2023-04-17	JDBC Connector
Optimized capabilities related to monitoring metrics	The system supports display and alarm configuration for Kafka job latency metrics.	2023-04-17	Monitoring Metric List
Optimized FileSystem	The system supports compression formats such as Snappy for sinking data in Raw format to FileSystem.	2023-04-17	FileSystem

March 2023

Update	Description	Release Date	Documentation
Optimized	The logic for deleting dependencies and	2023-03-	Managing

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dependency management	dependency versions is optimized.	17	Dependencies
Supported the Iceberg connector of the new version	The Iceberg connector of the new version is supported.	2023-03-17	Iceberg Data Lake
Optimized the job startup message	Before a user starts a job, the system will check whether there are sufficient subnet IPs for the configured parallelism. If no, it will prompt the user.	2023-03-17	Job Operations
Supported SQL version comparison	Users can compare SQL code and configurations of different versions of a SQL job.	2023-03-03	Managing Versions
Optimized the Redis connector	The performance of Redis dimensional table query is improved (greatly improved in the scenario of a lot of empty results), and Flink 1.14 SQL jobs can use the Redis connector.	2023-03-03	Redis Database
Supported the StarRocks connector	The system supports the StarRocks connector based on the open-source starrocks-connector-for-apache-flink v1.2.4. Data can be read from and written to StarRocks via Flink. (Flink 1.13 | 1.14)	2023-03-03	StarRocks Database
Optimized MySQL CDC	The system ignores the data changes of non-DDL fields in MySQL CDC.	2023-03-03	MySQL CDC Database
Supported the MongoDB CDC of the new version	The MongoDB CDC of the new version is supported.	2023-03-03	MongoDB CDC Database
Optimized cluster purchase	A user other than a super admin can click to purchase a cluster.	2023-03-03	-
Added display of abnormal jobs and idle cluster CUs	Cluster overview is added to the job management module, which displays the statistics of the clusters associated with this workspace, including total number of clusters, total number of CUs, and number of idle CUs. The total number of jobs with metric alarms and that of jobs with events are added to the job overview section, and support clicking for quick filtering.	2023-03-03	Job Overview
Optimized the	Users can edit DDL instead of creating a new	2023-03-	Databases and

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database/table reference feature	one. They can edit WITH parameters (except connector). A change record button is added to the **View DDL** page for users to view the DDL change records, which facilitates tracking.	03	Tables

February 2023

Update	Description	Release Date	Documentation
Optimized batch job deletion	The logic of displaying jobs for batch deletion is optimized so that folders containing only jobs that cannot be deleted will no longer be selected by default.	2023-02-09	Job Operations
Added the SQL Server CDC connector	The SQL Server CDC connector is added. SQL Server CDC can only be used a source so as to read full data or incremental data from the SQL Server database. (Flink 1.14)	2023-02-09	SQL Server CDC Database
Supported Doris catalog	The catalog feature of Cloud Data Warehouse for Apache Doris is introduced to avoid manual registration of Doris tables, improving job development efficiency and ensuring correct schema mapping.	2023-02-09	-
Supported transactions by Doris (data sink)	The system supports end-to-end Exactly-Once for writing to Doris.	2023-02-09	-
Upgraded the hadoop-shaded package	The flink-hadoop-shaded package has compatibility issues due to a low version (2.7.5) and is upgraded to the latest version 2.8.3.	2023-02-09	-
Upgraded the KonaJDK version	The KonaJDK version is upgraded to avoid deadlocks.	2023-02-09	-
Optimized MySQL CDC	The issue that the MySQL CDC string key data is not evenly distributed is fixed so that string primary key chunks are evenly distributed and jobs no longer encounter OOM. MySQL CDC connection merge supports the Kudu data sink. The Kudu connector is refactored with the new Flink Sink API.	2023-02-09	MySQL CDC Database

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	The TDSQL GTID issue that caused job failures is fixed.		
Optimized Ingress	The rules of deleting and adding Ingress are optimized.	2023-02-09	-
Optimized event alarms	The system allows users to configure alarms for "job stopped" events after being redirected to EventBridge.	2023-02-09	Events and Diagnosis
Optimized job copy creation	After a user creates a copy of a job, the copy can carry a savepoint for fast job migration and restoration.	2023-02-09	Job Operations
Optimized variable management	A variable name now supports 100 characters.	2023-02-09	Variables
Supported auto scaling of jobs as scheduled	Users can set the start and stop time, object, and scaling proportion for auto tuning.	2023-02-09	-
Optimized checkpoint management	The latest five checkpoints are retained for a job by default. Users can configure the number of checkpoints to retain in advanced parameters.	2023-02-09	Managing Checkpoints

January 2023

Update	Description	Release Date	Documentation
Optimized the JDBC (data sink)	Users can configure parameters to determine whether to ignore the Delete operation.	2023-01-16	JDBC Connector
Optimized the support for Cloud Data Warehouse for PostgreSQL	Cloud Data Warehouse for PostgreSQL (flink-connector-cdw-postgre) v2.0 is supported.	2023-01-16	Cloud Data Warehouse for PostgreSQL
Optimized the Kafka connector	The incorrect database/table subscription issue is fixed for the Kafka connector.	2023-01-16	Kafka Message Queue
Optimized the COS connector	The COS connector META-INF Shade error is fixed, and Flink 1.14 SQL jobs can use the COS connector.	2023-01-16	FileSystem

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Fixed TopN operator issues	This issue is fixed: An error may occur due to status mismatch when TopN operators of Flink encounter functions such as now().	2023-01-16	-

December 2022

Update	Description	Release Date	Documentation
Optimized MySQL CDC monitoring metrics	The following monitoring metrics are added: CurrentFetchEventtimeLag, CurrentEmitEventtimeLag, taskmanager_job_task_backpressuredtimemspersecond, and taskmanager_job_task_dataskewcoefficient.	2022-12-16	Monitoring Metric List
Supported automatic table creation in Hive by database sync SQL	Database sync SQL supports automatic creation of missing tables in Hive.	2022-12-16	-
Supported extraction of metadata fields in database sync	In database sync, metadata fields such as the database name, table name, and timestamp can be extracted.	2022-12-16	-
Supported more data types for ClickHouse	ClickHouse supports Map, Array, and Row data types.	2022-12-16	ClickHouse Data Warehouse
Supported Data Lake Compute (DLC)	The system supports writing to native tables managed in DLC. (Flink 1.14)	2022-12-16	Data Lake Compute (DLC)
Supported TDMQ for Pulsar	The Pulsar SQL connector allows users to query data in Pulsar topics or write data to Pulsar using simple SQL queries or Flink Table API. (Flink 1.13|1.14)	2022-12-16	TDMQ for Pulsar
Optimized metadata fields	MySQL CDC supports access of metadata fields such as Pos, File, and Gtid.	2022-12-16	MySQL CDC Database

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supported by MySQL CDC			
Optimized chunk division by MySQL CDC composite primary key	Users can select a column as the division key in an MySQL CDC composite primary key scenario.	2022-12-16	MySQL CDC Database
Supported a dynamic key in ZADD by the Redis connector	The Redis connector allows a dynamic field to be used as the key in ZADD mode.	2022-12-16	Redis Database
Optimized the FileSystem connector	The FileSystem connector supports the compress algorithm.	2022-12-16	FileSystem

September 2022

Update	Description	Release Date	Documentation
Optimized the MySQL CDC performance	The performance for reading incremental data from MySQL CDC is optimized.	2022-09-16	MySQL CDC Database
Upgraded the COS connector version	The COS connector version is upgraded.	2022-09-16	FileSystem (HDFS/COS)
Supported custom role permissions	Custom role permissions are supported.	2022-09-05	Space Role Permissions
Optimized Doris performance	The Doris write performance is optimized.	2022-09-05	-
Supported Kafka source merge and database sync	The system supports Kafka source merge and database sync (a single topic and multiple schemas).	2022-09-05	Kafka Message Queue
Supported custom job log levels	Users can customize the log level when configuring running log collection for a job.	2022-09-05	Configuring Running Log Collection for a Job

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	Users can customize the log level when querying job logs.		

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