

Data Lake Compute

General Reference

Product Documentation



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General Reference

Error Codes

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DLC provides error codes and descriptions to help you quickly identify the type of error, understand the cause, and find recommended solutions.

Error Code Descriptions

Error Code	Error Description
50000	Business system error. Please retry or submit a ticket to contact us.
50001	Parameter not found or parameter is empty.
50002	The specified file path format is not compliant. Currently, only cosn:// or lakefs:// is supported.
50003	The specified file compression format is not compliant. Currently, only tar.gz, tar, or tgz is supported.
50004	Date parameter error, such as the end time is earlier than the start time.
50005	Invalid number of filter conditions. When filters are specified, there should be at least 1 and no more than 5 conditions.
50006	Specified parameter Base64 decoding failed. Please convert to Base64 encoding.
50007	The specified time format is not compliant. Currently, only YYYY-mm-dd HH:MM:SS is supported.
50008	This is an allowlist feature. Please contact us to enable it.
50009	The specified URL format is not compliant. See the example: //ip:port/xxx.
50010	The specified FiltersKey is not supported. Please see the API documentation.
50011	Filter.Value cannot be empty.
51001	The specified script name exceeds the length limit, which should be 128 characters or fewer.
51002	The specified script status type does not match. Currently supported types are 0: Initialization; 1: Completed; 2: Deleted.

51003	The specified script enable status does not match. Currently supported types are 0: Disabled and 1: Enabled.
51004	The specified ViewKey type does not match. Currently supported types are BatchId, SessionSQL, ComputerEngine, ComputeResource, DataAmount, DataNumber, DeployStatus, SubmitTime, TotalTime and UsedTime.
51005	The user does not have permissions to modify the current script.
51006	The specified script does not exist. Please adjust and try again.
51007	The specified script already exists. Please adjust and try again.
51008	When you change the script name, IsMove must be set to 1.
53001	The current file compression format is not supported. Supported formats are snappy, gzip, and none.
53002	The current file format is not supported. Supported formats are json, csv, avro, orc, and parquet.
53003	COS path error. Please check whether the COS path is correct.
53004	COS file error. Please select the file again.
53005	File inference failed. Please select the file again, or submit a ticket to contact us.
53006	The specified data connection type is not supported. Currently supported types are DataLakeCatalog, Mysql, HiveCos, HiveHdfs, HiveCHdfs, PostgreSQL, SqlServer, and ClickHouse.
53007	Metadata error. Please retry, or submit a ticket to contact us.
53008	Data governance error. Please retry, or submit a ticket to contact us.
53009	System file error. Please retry, or submit a ticket to contact us.
53010	Data source connection configuration error. Please retry, or submit a ticket to contact us.
53011	Data source connection is not unique. Please retry, or submit a ticket to contact us.
53012	Data source connection does not exist. Please retry, or submit a ticket to contact us.
53013	The specified filter condition is not supported. Please see the API documentation for parameters.
53014	Invalid DecimalType setting: Precision must be greater than or equal to Scale, and Precision must be less than 38.
53015	Invalid table format. Currently supported formats are TextFile, CSV, Json, Parquet, ORC, and AVRO.

53016	The current user does not have permissions to create UDFs. Please obtain authorization and try again.
53017	The current user does not have permissions to modify UDFs. Please obtain authorization and try again.
53018	The current user does not have permissions to delete UDFs. Please obtain authorization and try again.
53019	UDF parameter error
53020	UDF duplication
53021	The UDF does not exist. Please retry, or submit a ticket to contact us.
53022	The view does not exist. Please retry, or submit a ticket to contact us.
53023	The directory already exists.
53024	The current user does not have permissions to delete the directory.
53025	The directory does not exist.
53026	The current user is not allowed to modify the directory; only administrators or the creator can modify.
53027	The parent directory does not exist.
53028	Table path configuration error. Please check and reset the path.
53029	Table format configuration error. Only one format can be set.
53030	Table name configuration error. The table name must be 128 bytes or fewer.
53031	Field type configuration error. Supported types are string, tinyint, smallint, int, bigint, boolean, float, double, decimal, timestamp, date, binary, array<>, map<>, struct<>, and uniontype<>.
53032	Field count configuration error. The number of fields must be 4096 or fewer.
53033	Field name configuration error. Field names must be 128 bytes or fewer.
53034	The table does not exist. Please retry, or submit a ticket to contact us.
53035	Function name must consist of alphanumeric characters or underscores, and be no longer than 20 characters.
53036	Function class name format error. A fully qualified Java class name is required.

53037	Only JAR file types are supported for packages.
53038	TableType configuration error. Supported types are TABLE, VIEW, MANAGED_TABLE, EXTERNAL_TABLE, LAKEFS, ICEBERG, HIVE, and OTHER.
53039	Column not found. Please retry, or Submit a ticket to contact us.
55001	The Spark Shuffle storage path not found. Please go to the Console > Data Explorer page > Storage Configuration to set it up.
55002	The Warehouse storage path not found. Please go to the Console > Data Explorer page > Storage Configuration to set it up.
56001	Specified task resources exceed the remaining cluster resource limits. Please adjust and retry.
56002	The specified Spark task does not exist. Please adjust and retry.
56003	The specified Spark task already exists. Please adjust and retry.
56004	The specified Spark task type does not match. Currently supported types are 1: Batch Tasks; 2: Streaming Tasks; 3: PySpark Tasks; 4: SQL Tasks
56005	The specified Spark task package file format does not match. Currently, only .jar or .py files are supported.
56006	The specified Spark task Filter.Key does not match. Currently supported keys are spark-app-type, user-name, spark-job-name, spark-job-id, and key-word.
56007	Spark tasks can only be run using the Spark Job Engine.
56008	The specified Spark task sorting type does not match. Currently supported types are create-time, update-time, user-name, and data-engine-name.
56009	The specified Spark task IsInherit type does not match. Currently supported values are 0: Inherit; 1: Do not inherit.
56010	The specified Spark task RoleArn does not exist. Please adjust and retry.
56011	The specified TCR Spark image format does not match. See the example: my-image/ndf/python/latest.
56012	Insufficient resources for the specified Spark job. Please adjust driver/executor specifications.
57001	The current statement only supports SQL type.
57002	SQL script Base64 decoding failed. Please convert to Base64 encoding.
57003	SQL parameter preprocessing failed.

57004	The number of submitted SQL statements must be between 1 and 50.
57005	Failed to obtain the result storage path. Please go to the Console > Data Exploration Page to set it up.
57006	The current session only supports the following types: spark, pyspark, sparkr, and sql.
57007	The specified DriverSize specification only supports small, medium, large, xlarge, m.small, m.medium, m.large, and m.xlarge.
57008	The specified ExecutorSize specification only supports small, medium, large, xlarge, m.small, m.medium, m.large, and m.xlarge.
57009	The specified dynamic number of EXECUTORS must be set to the current maximum value.
57010	The current task only supports running on the Spark batch job engine.
57011	Insufficient resources to create the session, please adjust the driver/executor specification.
57012	Session not found.
57013	Session state is dead.
57014	The specified interactive SQL task does not exist.
57015	The specified SortBy type for the interactive SQL task does not match. Currently supported types are create-time and resource-usage.
57016	The specified interactive SQL task Filter.Key does not match. Currently supported keys are task-sql-keyword, task-operator, batch-id, session-id, and task-state.
57017	The specified interactive SQL task is not unique.
58001	The specified engine does not exist.
58002	The specified engine already exists.
58003	The specified engine is not running.
58004	The specified ENI resource does not exist.
58005	The specified ENI resource already exists.
58006	The specified RoleArn does not exist.
58007	The specified isPublic value does not match. Currently supported values are 1: Public; 2: Private
58008	The specified cluster image version does not exist.

58009	The specified cluster image version already exists.
58010	The specified state value does not match. Currently supported values are 1: Initializing; 2: Online; 3: Offline
58011	The specified engine type does not match. Currently supported types are SparkSQL, PrestoSQL, and SparkBatch.
58012	The specified cluster image session configuration does not exist.
58013	The specified cluster image session configuration already exists.
58014	The default engine not found.
58015	The specified cluster image UserRecords value does not match. Currently supported values are 1: parentVersion; 2: childVersion; 3: pySpark
58016	The specified cluster image ParameterSubmitMethod does not match. Currently supported values are 1: session; 2: common; 3: cluster
58017	The specified cluster image ParameterSubmitMethod does not match. Currently supported values are User and BackGround.
58018	The specified cluster parameter is invalid. Please check and retry.
58019	The specified cluster parameter already exists.
58020	The specified cluster is not in a running status.
58021	The specified cluster is not multi-versioned and does not support this operation.
58022	The specified cluster is not of the Spark batch job type and does not support this operation.
58023	The specified cluster configuration instance does not exist.
58024	The specified cluster configuration instance already exists.
58025	The specified cluster has unfinished tasks. Please wait for the tasks to complete and retry.
58026	The specified cluster configuration has not changed.
58027	The specified cluster billing type does not match. Currently supported values are 0: Postpaid; 1: Prepaid
58028	The specified cluster image constant format is not in JSON.
58029	The specified cluster image session parameter format is not in JSON.

58030	The specified cluster ExecType does not match. Currently supported values are SQL or BATCH.
58031	The specified cluster image Config operation mode does not match. Currently supported values are 1: Modify Session configuration; 2: Modify Cluster configuration
58032	The specified cluster image is not activated.
58033	The specified cluster image name does not meet the required standards.
58034	The specified private settings for the cluster image already exist.
58035	The specified cluster specification does not meet the required standards.
58036	The specified cluster image parameter does not exist.
58037	The specified cluster image Cluster parameter format is not in JSON.
58038	The specified cluster image operation does not match. Currently supported operations are InitImage, UpgradedImage, SwitchImage, RollbackImage, and ModifyResource.
58039	The specified cluster type does not match. Currently supported types are spark and presto.
58040	The specified cluster specification type does not match. Currently supported types are Standard_CU (General) and Memory_CU (Memory-optimized; not supported for SQL type clusters)
58041	The specified cluster resource type does not match. Currently supported types are spark_cu (for Spark clusters) and presto_cu (for Presto clusters).
58042	The specified cluster elasticity number does not match. The minimum cluster size should be greater than 1, the maximum should be 10 or fewer, and the maximum should be greater than the minimum.
58043	The specified cluster elasticity specification does not match. The upper limit of the specified elastic specification should be less than the cluster specification.
58044	The specified cluster CIDR format does not match. See the example: 192.0.2.1/24.
58045	The specified cluster start/stop policy is invalid. If the auto-suspend policy is enabled, the scheduled start/stop policy cannot be enabled, and vice versa.
58046	The specified cluster scheduled suspend policy is invalid. Currently supported options are 1: Suspend after tasks are completed; 2: Force suspend (tasks will fail)
58047	The specified unit for cluster resource usage duration does not match. Postpaid: h; Prepaid: m. The default is h.
58048	The specified cluster resource usage duration does not match. Postpaid: must be set to 3600; Prepaid: the minimum is 1 (representing one month) and the maximum is 120. The default is 3600.

58049	The specified cluster billing mode does not match. Currently supported modes are 1: Pay-as-you-go; 2: Monthly or annual subscription
58050	The specified cluster auto-renewal mode does not match. Postpaid does not require renewal and must be set to 0. For prepaid: 0 indicates manual renewal; 1 indicates automatic renewal; 2 indicates no renewal.
58051	The specified cluster auto-suspend policy does not match. Subscription clusters do not support this.
58052	The specified cluster auto-start policy does not match. Subscription clusters do not support this.
58053	The specified postpaid cluster policy does not match. Subscription clusters do not support this.
58054	Insufficient resources to create the cluster. Please retry or submit a ticket to contact us.
58055	EMR-LIVY cluster limit exceeded.
58056	This feature is only supported by batch job clusters.
58057	User does not exist. Please enter a valid user.
58058	The specified NetworkConnectionType is invalid. Currently supported values are 2: Cross-source; 4: Enhanced
58059	This VPC is already bound to the specified data engine.
58060	No runnable EKS cluster exists.
58061	Unsupported Hive version. Supported versions are 2.1.1, 2.3.2, 2.3.3, 2.3.5, 2.3.7, 3.1.1, 3.1.2.
58062	Cloud Ladder users do not support this operation.
58063	Information.type is invalid. Currently supported values are User, Group, DataAuth, EngineAuth, and RowFilter.
58064	DatasourceConnectionType is invalid. Currently supported values are Mysql, HiveCos, HiveHdfs, HiveCHdfs, Kafka, MysqlEni, OtherDatasourceConnection, PostgreSQL, TDSQLEPostgreSQL, SqlServer, ClickHouse, and Elasticsearch.
58506	CIDR is invalid.
59001	The current user does not have permissions to grant authorization.
59002	The current user does not have permissions to revoke authorization.
59003	The current user does not have permissions to perform this operation.
59004	The current user does not have permissions to add users to the workgroup.

59005	No permission to bind a job to a user.
59006	The user does not have permissions to create a workgroup.
59007	No permission to create a user.
59008	The user does not have permissions to remove a user from a workgroup.
59009	User does not have permissions to delete a workgroup.
59010	The user does not have permissions to modify user information.
59011	The user does not have permissions to modify user type.
59012	The user does not have permissions to modify workgroup information.
59013	The user does not have permissions to unbind a workgroup.
59014	The user does not have permissions to create an administrator.
59015	The user does not have permissions to use the engine.
59016	The user does not have permissions to update the engine.
59017	The user does not have permissions to delete the engine.
59018	The user does not have permissions to monitor the engine.
59019	The user does not have permissions to operate the compute engine.
59020	The user does not have permissions to modify the compute engine.
59021	The sub-user does not exist.
59022	The user does not have permissions to create a UDF.
59023	The user does not have permissions to modify the UDF.
59024	The user does not have permissions to delete the UDF.
59025	The user does not have permissions to create a Catalog.
59026	Insufficient permissions for sub-account; payment not allowed.
59027	The user does not have permissions to use the specified engine.
59028	Failed to retrieve user information. Please retry or Submit a ticket to contact us.
59029	Invalid username. Usernames can only contain numbers and must be 64 characters or fewer.

59030	The workgroup does not exist.
59031	The network connection does not exist.
59032	Policy is invalid. Please see the API documentation.
59033	The field does not support sorting. Please see the API documentation.
59034	The workgroup does not exist.
59035	Sorting is invalid. Currently supported values are desc/asc.
59036	Modifying administrator permissions is not allowed.
59037	UserType is invalid. Currently supported values are ADMIN/COMMON.
59038	The workgroup already exists.
60001	TaskType error. For Spark Engine, the task type is SparkSQLTask; for Presto Engine, the task type is SQLTask.
60002	Task fault tolerance type error. Currently supported values are Proceed/Terminate.
60003	Number of SQL statements error. The number of SQL statements must be between 1 and 50.
60004	Failed to retrieve the whitelist. Please retry, or submit a ticket to contact us.
60005	Allowlist validation failed. Please retry, or submit a ticket to contact us.
60006	SQL parameter validation failed. Please adjust the parameters, or submit a ticket to contact us.
60007	The task has already failed.
60008	The task has already completed.
60009	The specified task parameter Value length exceeds the limit.
60010	The specified task parameter Value does not meet the requirements.
60011	The specified task parameter Key does not exist.
60012	The specified SQL task does not exist.
60013	The specified SQL task already exists.
60014	The number of SQL task results retrieved at once must be greater than 0 and less than 1000.
60015	The specified SQL task SortBy type does not match. Currently supported types are create-time, data-amount, used-time, and resource-usage.

60016	The specified number of Filter.Values exceeds the limit. Currently, it should be 50 or fewer.
60017	The specified task status does not match. Currently supported statuses are 0: Initializing; 1: Running; 2: Successful; 3: Data Writing; 4: Queued; -1: Failed; -3: Deleted
60018	The specified Filter.Key does not match. Currently supported keys are: task-id, task-sql-keyword, task-kind, task-operator, batch-id, session-id, and task-state.
60019	You are currently allowed to view only 100 result data entries. If you need to adjust this limit, please contact us.
60020	SQL execution failed. Please validate and retry.
60021	Syntax parsing failed. Please validate and retry.

Error Format

API Format

If the response contains an Error field, it indicates that the API call failed. For example:

```
{
  "Response": {
    "Error": {
      "Action": "AddUsersToWorkGroup",
      "Code": "InternalServerError.InternalSystemException",
      "Detail": "{\\"errStr\\":\\"InternalServerError.InternalSystemException\\",\\"errDe",
      "Message": "Business system error. Please retry or submit a ticket to contact",
    },
    "RequestId": "27c536fe-351b-41a6-8156-24330989a742"
  }
}
```

Frontend Format

If an error occurs, the frontend will display the error as follows:

Title: Error Cause Identification

Error code: 123456

Error description: Explanation related to the error

Handling Procedure

If you encounter an error code during production operations, you can follow the steps below:

1. Follow the recommended actions based on the returned error code, such as retrying the operation or adjusting configuration settings.
2. Copy the error code, error description, and other relevant information, and then paste it into a [work order](#) or [contact after-sales](#) for assistance.

Quotas and limits

Last updated : 2024-07-23 14:11:48

Resource Quota limits

There are not any limits to private engine. But if you need to increase resource engine CU quota greater than 256CUs, please raise a request to DLC team.

Job Limits

Quota	Default	Notes
Query usage per day	Unlimited	-
Query usage per day per user	Unlimited	-
Maximum number of concurrent multi-statement queries	20	Increased by request
Daily query size limit	Unlimited	-
Daily destination table update limit	Unlimited	-
Query/multi-statement query execution-time limit	Unlimited	-
Maximum number of sql query tables	Unlimited	-
Maximum number of sql query parameters	Unlimited	-

External Table Limits

Quota	Default
Maximum number of files per external table	Unlimited
Maximum size of stored data on COS per external table	Unlimited
Maximum number of files in the source COS bucket	Unlimited

Database/Table/Column/Partition Limits

Quota	Default	Notes
Maximum number of DBS per user	1,000	

Maximum number of tables per user	10,000	
Maximum number of tables per db	4,096	
Maximum number of columns per table	4,096	
Maximum number of partitions per table	100,000	
Maximum number of partitions per user	1,000,000	
Maximum number of UDF per user	100	
Maximum number of catalogs per user	20	
Maximum length of db name	127 characters	
Maximum length of db description	2048 characters	
Maximum length of external table location (cos)	888 characters	
Maximum length of parameters/total length for db	127/3000 characters	Format:Map<string:string>
Maximum length of table/view name	127 characters	
Maximum length of table/view description	1000 characters	
Maximum length of parameters/total length for table/view	127/512000 characters	Format:Map<string:string>
Maximum number of nested view levels	Unlimited	
Maximum length of a SQL query used to define a view	10M characters	
Maximum number of authorized views per dataset	4096	
Maximum length of column name	127 characters	
Maximum length of column description	256 characters	
Maximum length of column type	256 characters	
Maximum length of column partition	127 characters	

UDF Limits

Quota	Default
Maximum number of outputs per line	5 MB

Maximum embed code blob size	32 KB
Maximum size per external code resource	1 MB
Maximum length of UDF names	256 characters
Maximum number of parameters	256 characters
Maximum length of parameter names	128 characters
UDF reference chain depth limit	16
The upper limit of the depth of the STRUCT type parameter or output	15 levels
Maximum update rate per UDF every 10 seconds	5
Maximum number of fields in a parameter or output of type STRUCT per UDF	1024 fields

DML Limits

Quota	Default
DML statements per day	Unlimited
Concurrent mutating DML statements per table	20 statements
Maximum rate of DML statements for each table	100 statements every 1 seconds

Row Level Permissions Limits

Quota	Default
Maximum number of row access policies per table	400 policies
Maximum number of row access policies per query	6,000 policies
Maximum number of CREATE/DROP DDL statements per 10 seconds per policy	5 statements
Number of DROP ALL ROW ACCESS POLICIES statements per table per 10 seconds	5 statements

API Limits

API limits refer to document [API Category](#) .

Operation Guide on Connecting Third-Party Software to DLC

Connecting CBoard to DLC

Last updated : 2024-09-18 18:05:56

DLC supports integration with CBoard for visualized analysis. This document will guide you through connecting CBoard to DLC for visualized data analysis.

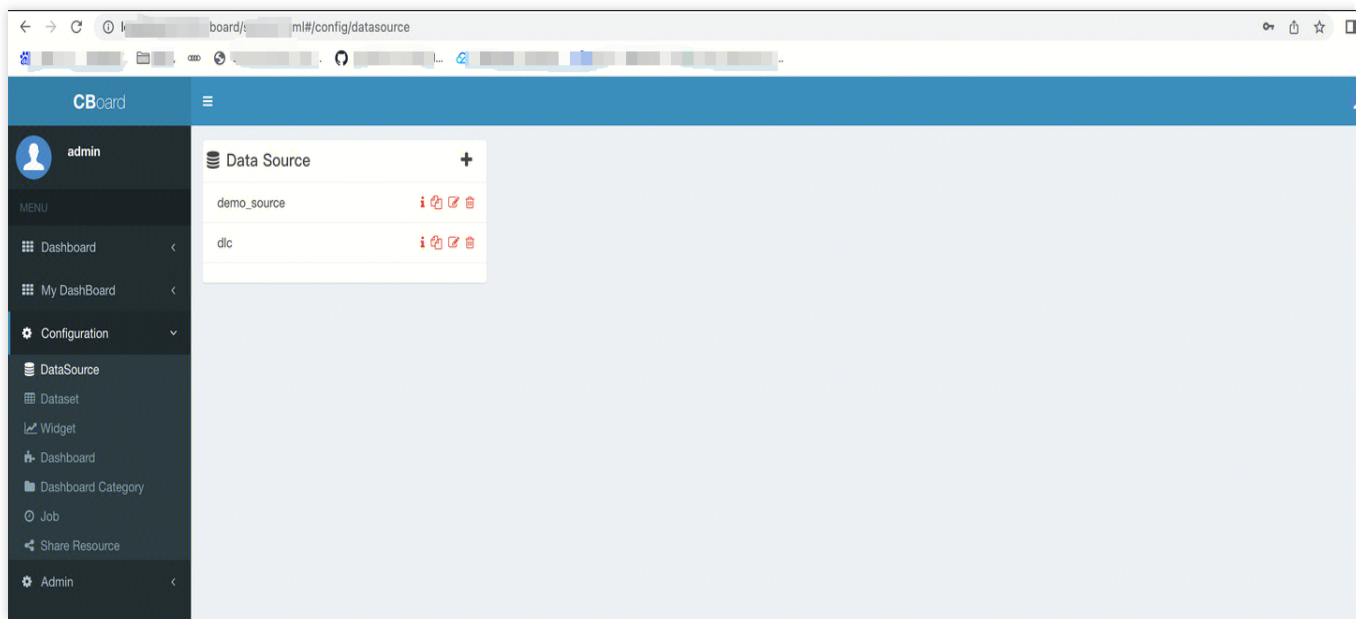
Driver Management

Add the DLC JDBC driver to the CBoard startup directory cboard/WEB-INF/lib.

```
[root@ec2c62b3d97 lib]# pwd
/opt/apache-tomcat/webapps/cboard/WEB-INF/lib
[root@ec2c62b3d97 lib]# ls
accessors-smart-1.2.jar      commons-lang3-3.4.jar      javax.mail-1.5.2.jar      presto-jdbc-0.161.jar      spring-security-cas-4.1.0.RELEASE.jar
activation-1.1.1.jar        commons-logging-1.2.jar    jcl-over-slf4j-1.7.21.jar  protobuf-java-3.0.0-beta-1.jar  spring-security-config-4.1.0.RELEASE.jar
annotations-2.0.1.jar      commons-pool2-2.4.2.jar    jdbc.log                   quartz-2.2.3.jar            spring-security-core-4.1.0.RELEASE.jar
aopalliance-1.0.jar        curvesapi-1.04.jar         jdbc.log.lck               quartz-jobs-2.2.3.jar        spring-security-taglibs-4.1.0.RELEASE.jar
asm-5.0.4.jar              dlc-jdbc-2.2.6.7-jar-with-dependencies.jar  jedis-2.9.0.jar           reflections-0.9.10.jar        spring-security-web-4.1.0.RELEASE.jar
aspectjweaver-1.8.1.jar     druid-1.0.27.jar           joda-time-2.8.jar          slf4j-api-1.7.21.jar         spring-test-4.3.7.RELEASE.jar
avatica-1.8.0.jar          ehcache-3.2.0.jar          json-path-2.4.0.jar        slf4j-log4j12-1.7.21.jar     spring-tx-4.3.7.RELEASE.jar
avatica-metrics-1.8.0.jar  ews-java-api-2.0.jar       json-smart-2.3.jar         solr-solrj-5.5.1.jar         spring-web-4.3.7.RELEASE.jar
aviator-3.0.1.jar          fastjson-1.2.29.jar        jstl-1.2.jar              spring-aop-4.3.7.RELEASE.jar  spring-webmvc-4.3.7.RELEASE.jar
c3p0-0.9.1.1.jar           fluent-hc-4.5.3.jar        kylin-jdbc-1.6.0.jar       spring-beans-4.3.7.RELEASE.jar  sqljdbc4-4.0.jar
cas-client-core-3.1.12.jar  guava-18.0.jar            log4j-1.2.17.jar           spring-context-4.3.7.RELEASE.jar  stax-api-1.0.1.jar
commons-beanutils-1.8.3.jar h2-1.4.196.jar            mybatis-spring-1.1.1.jar   spring-context-support-4.2.8.RELEASE.jar  stax2-api-3.1.4.jar
commons-codec-1.10.jar     httpclient-4.4.1.jar       mysql-connector-java-5.1.24.jar  spring-core-4.3.7.RELEASE.jar  velocity-1.7.jar
commons-collections-3.2.1.jar  httpcore-4.4.1.jar        noggit-0.6.jar            spring-data-commons-1.12.4.RELEASE.jar  woodstox-core-asl-4.4.1.jar
commons-collections4-4.1.jar  httpmime-4.4.1.jar        opencsv-2.4.jar           spring-data-keyvalue-1.1.4.RELEASE.jar  xalbeans-2.6.0.jar
commons-dbcp2-2.1.1.jar     jackson-annotations-2.7.4.jar  poi-3.16.jar             spring-data-redis-1.7.4.RELEASE.jar  zookeeper-3.4.6.jar
commons-email-1.4.jar        jackson-core-2.7.4.jar     poi-ooxml-3.16.jar        spring-expression-4.3.7.RELEASE.jar
commons-fileupload-1.3.1.jar  jackson-databind-2.7.4.jar  poi-ooxml-schemas-3.16.jar  spring-jdbc-4.3.7.RELEASE.jar
commons-io-2.5.jar          javassist-3.19.0-GA.jar     postgresql-9.3-1104-jdbc41.jar  spring-oxm-4.2.8.RELEASE.jar
commons-lang-2.4.jar        javax.servlet-3.0.0b1.jar   spring-security-acl-4.1.0.RELEASE.jar
```

Starting the Tomcat Service

Run the following command `apache-tomcat/bin/startup.sh`.



Data Source Management

In CBoard, go to the configuration section, and add the DLC connection under datasource management.

Datasource type: Select jdbc.

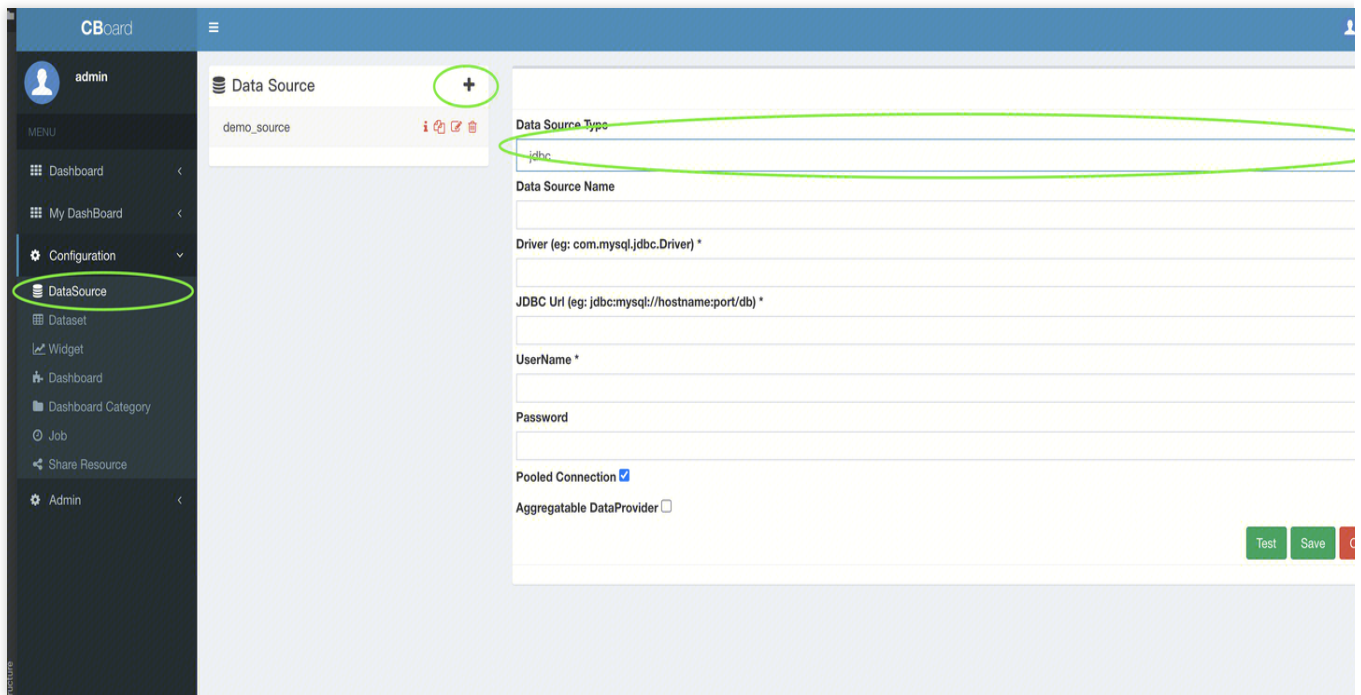
Driver: Enter **com.tencent.cloud.dlc.jdbc.DlcDriver**.

JDBC URL: Use the JDBC connection string **jdbc:dlc://dlc.tencentcloudapi.com?**

task_type=SQLTask&datasource_connection_name=DataLakeCatalog®ion=ap-chongqing&data_engine_name=public-engine

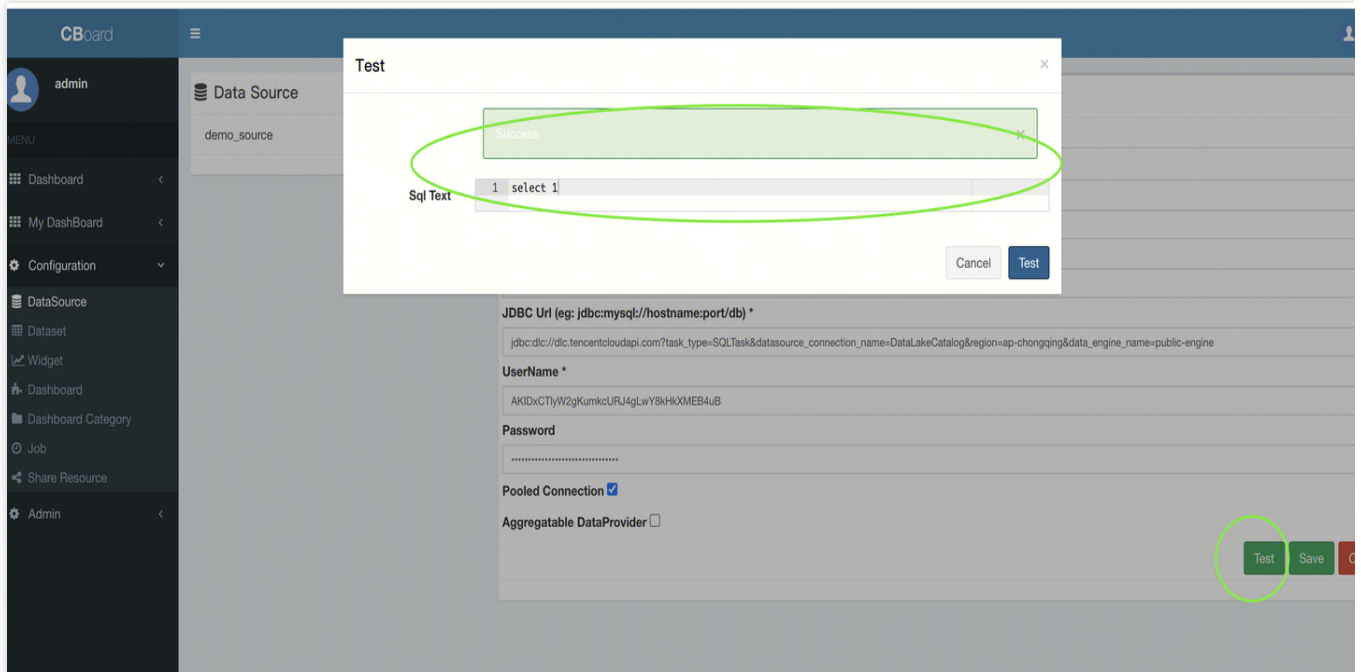
UserName:secret_id

Password:secret_key

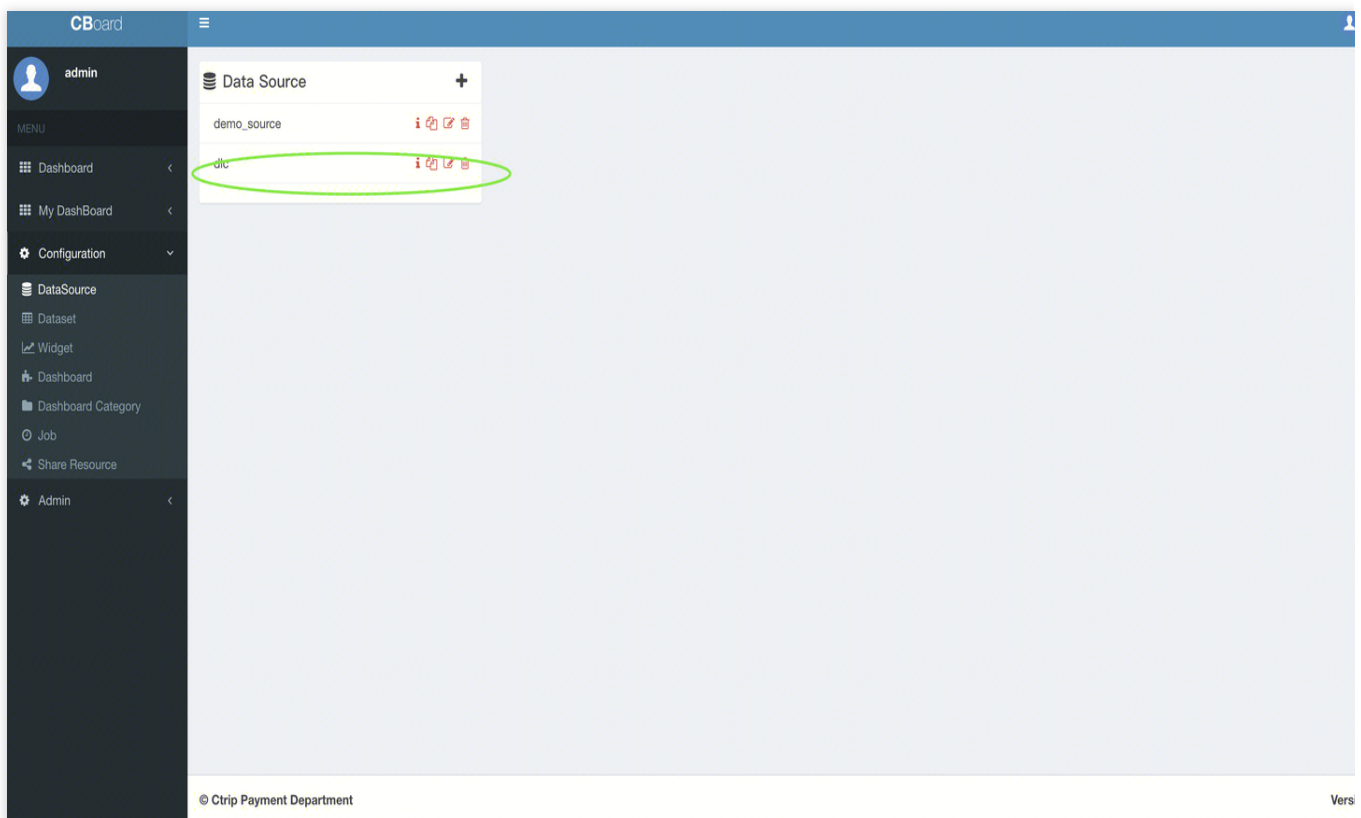


Connection Test

Click the Test button below. A pop-up dialog will appear, and enter select 1 in the SQL Text field to test the connection. If Success prompt appears, it means the data source connection is successful. Return to save the data source.



Once it is saved successfully, the DLC data source will appear in the list of available data sources.



Dataset Management

Add a DLC dataset in the Dataset section.

The screenshot displays the CBoard interface for configuring a dataset. The left sidebar shows the navigation menu with 'Dataset' highlighted. The main area is divided into three sections:

- Cube:** A search bar and a tree view showing the 'Root' folder.
- Default Category:** A form with fields for 'Name' (Default Category), 'Datasource' (dlc (jdbc)), and 'Sql Text' (1 select * from perf_orc_1000.catalog_sales limit 500). Below the form are 'Load Data' and 'From Cache' buttons.
- Real Time Interval(s):** A dropdown menu set to 'BLANK' with the note 'If You don't need refresh, just leave it as BLANK'.

Below these sections is a large grid of dimension and measure buttons, including:

- CS_BILL_ADDR_SK, CS_BILL_CDEMO_SK, CS_BILL_CUSTOMER_SK
- CS_BILL_HDEMO_SK, CS_CALL_CENTER_SK, CS_CATALOG_PAGE_SK
- CS_COUPON_AMT, CS_EXT_DISCOUNT_AMT, CS_EXT_LIST_PRICE
- CS_EXT_SALES_PRICE, CS_EXT_SHIP_COST, CS_EXT_TAX
- CS_EXT_WHOLESALE_COST, CS_ITEM_SK, CS_LIST_PRICE, CS_NET_PAID
- CS_NET_PAID_INC_SHIP, CS_NET_PAID_INC_SHIP_TAX, CS_NET_PAID_INC_TAX
- CS_NET_PROFIT, CS_ORDER_NUMBER, CS_PROMO_SK, CS_QUANTITY
- CS_SALES_PRICE, CS_SHIP_ADDR_SK, CS_SHIP_CDEMO_SK
- CS_SHIP_CUSTOMER_SK, CS_SHIP_DATE_SK, CS_SHIP_HDEMO_SK
- CS_SHIP_MODE_SK, CS_SOLD_DATE_SK, CS_SOLD_TIME_SK
- CS_WAREHOUSE_SK, CS_WHOLESALE_COST

On the right side, there is a 'Drag in' area with a dashed box and a right-pointing arrow, labeled 'Dimension', 'Measure', 'Calculated Measures', and 'Filter Group'.