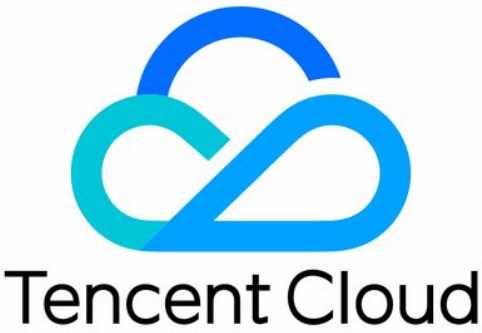
Data Transfer Service

Error Handling (OldDTS)

Product Documentation



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MySQL Error Codes

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Error Code	Description	Solution
-254	Failed to query the target instance information	Please make sure that the target instance is normal and is not performing any other tasks during migration.
-419	The target instance version is non-compliant for migration from Alibaba Cloud	For data migration from Alibaba Cloud, only TencentDB 5.6 target instances are supported, and their synchronization status must be **async**. Migration to target instances in semi-sync or strong sync status is not supported currently.
-256	Failed to connect to the source instance	Please check the connection permission of the source instance account, make sure that a connection to the source instance can be established by entering account and password, and check the connectivity of the source instance.
-255	Failed to query the source instance information	Please make sure that the source instance can be connected normally during migration, and do not modify the corresponding account permission. `errormsg` contains the native MySQL error message.
-260	The GTID configurations of the source and target instances are non-compliant	• For MySQL 5.7 target instances, GTID should be enabled or disabled for both the source and target instances at the same time. • For other versions of MySQL instances, migration from a GTID-enabled source instance to a GTID-disabled target instance is not supported.
-261	For online migration, binlog needs to be enabled for the source instance	For online migration, if `log_bin` is not set to 1 and binlog is not enabled for the source instance, incremental data cannot be synced.
-262	For online migration, binlog cannot be in `statement` format for the source instance	For online migration, binlog of the source instance should be in `row` or `mixed` format.
-267	`innodb_stats_on_metadata`	`innodb_stats_on_metadata` should be set to off

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	should be set to off for the source instance	during migration.
-264	For online migration, the source instance's `server_id` should be a positive integer other than 1 and different from that of the target instance	For online migration, `server_id` should be properly configured for the source instance and be different from that of the target instance.
-418	For migration of specified tables (not schema), `events` should be disabled for the source instance	For migration of specified tables in online and backup modes, `events` should be disabled for the source instance (set global event_scheduler=OFF).
2001041	The source instance is a syncing slave, but `log_slave_update` is not enabled	If the source instance is a slave being synced, `log_slave_updates` should be set to on.
2001040	The source instance is on version 5.7, which contains unsupported column types	For v5.7 source instances, columns in JSON format and virtual columns are not supported.
-257	The source instance and target instance are not compatible	Compatibility requirements: Migration between instances on the same major MySQL version is supported. For different major versions, only migration from v5.1 to v5.5 and from v5.5 to v5.6 is supported. The source instance and target instance should have the same `character_set_server` and `lower_case_table_names` global configurations.
-258	The target instance capacity is insufficient in online or backup mode	The target instance capacity needs to be at least 1.3 times that of the source instance.
-259	The target instance is not empty for instance-level migration	For instance-level migration, please make sure that there are no user-created databases in the target instance so as to prevent overwrites.
2001037	For table migration, the entered table is not found in the source instance	To migrate tables, please make sure that they can be found in the source instance.
-268	The database name already exists	For database-level table migration, please make sure that neither identical databases nor identical tables exist in both the source instance and target instance.
-269	The table name already exists.	For table migration, please make sure that no identical table names exist in both the source instance and target instance.

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-265	For table migration, the table that foreign keys rely on is not in the target table	-
-266	The target table has an unsupported storage engine	For the source table, storage engine support is as follows: • V5.6 does not support 'MEMORY', 'BLACKHOLE', 'CSV', and 'ARCHIVE' engines. • V5.7 does not support 'MRG_MYISAM', 'MEMORY', 'BLACKHOLE', 'CSV', and 'ARCHIVE' engines. • The TokuDB engine is supported.
-420	The source TokuDB is compressed	`row_format` of quicklz/lzma/snappy/uncompressed is not supported for Toku.
-421	The source TokuDB has a cluster index	There is a table whose `column_key` is 'CLU'.
-292	The RO status of the target instance is exceptional	To initiate a migration task, the target instance's RW and RO status must be normal.
-405	There is a table whose `row_format` is fixed in the source instance	It is recommended to change the source instance tables to InnoDB tables (not in row_format). After the change of the format, the database table will be rebuilt.
-417	The primary-secondary relationship between the source instance and target instance is exceptional.	Please check whether the network connection to the source instance is normal and whether doublewrite is caused by user writes to the target instance during migration.
-253	A user request for canceling the task is received	After a user request for canceling the migration task is received, the task will be canceled and then rolled back.
-407	Incorrect input parameters	The input parameters are incorrect. Please check whether the parameters are in valid format, such as table name.
-411	Failed to check the account permission in the source instance	Please provide details on the eligible source instance account permission and make sure that the user account has the required permission based on the task configuration. For example, session needs to be in binlog format for full detection, which requires the super permission. Solution: 1. The super permission is not required for sampling detection; 2. Grant the super permission to the account.
6001000	The backup system is exceptional	Please submit a ticket to contact us.

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-41	Data sync failed due to a primary-secondary exception	Please submit a ticket to contact us.
996	Internal error. The migration mode and comparison mode have different configurations on the backend. An error will occur if the configuration file cannot be found	Please submit a ticket to contact us.

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