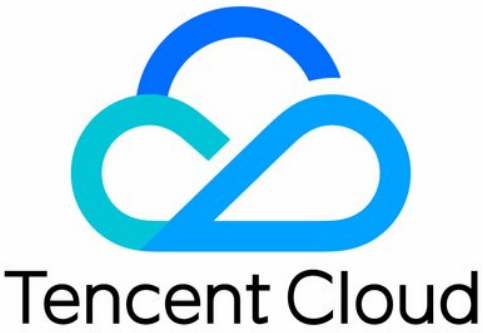
Data Lake Compute

General Reference

Product Documentation



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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

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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

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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 .

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