

Alibaba Cloud Table Store

Limits

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Generic conventions

Table -1: Style conventions

Style	Description	Example
	This warning information indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 Danger: Resetting will result in the loss of user configuration data.
	This warning information indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 Warning: Restarting will cause business interruption. About 10 minutes are required to restore business.
	This indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	 Note: You can use Ctrl + A to select all files.
>	Multi-level menu cascade.	Settings > Network > Set network type
Bold	It is used for buttons, menus, page names, and other UI elements.	Click OK .
Courier font	It is used for commands.	Run the <code>cd /d C:/windows</code> command to enter the Windows system folder.
<i>Italics</i>	It is used for parameters and variables.	<code>bae log list --instanceid Instance_ID</code>
[] or [a b]	It indicates that it is a optional value, and only one item can be selected.	<code>ipconfig [-all -t]</code>
{ } or {a b}	It indicates that it is a required value, and only one item can be selected.	<code>swich {stand slave}</code>

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1 Limits

The following table describes the restrictions for Table Store. Some of the restrictions indicate the maximum values that can be used rather than the suggested values. In order to ensure better performance, please set the table structure and data size in a single row appropriately.

Item	Limit	Description
Number of instances created under an Alibaba Cloud user account	10	To increase the limit, open a ticket .
Number of tables in an instance	64	To increase the limit, open a ticket .
Instance name length	3-16 Bytes	Can contain uppercase and lowercase letters, digits, and hyphens. Must begin with a letter, and must not end with a hyphen. Must not contain the words, such as 'ali', 'ay', 'ots', 'taobao' and 'admin'.
Table name length	1-255 Bytes	Can contain uppercase and lowercase letters, digits, and underscores. Must begin with a letter or underscore.
Column name length	1-255 Bytes	Can contain uppercase and lowercase letters, digits, and underscores. Must begin with a letter or underscore.
Number of primary key columns	1-4 columns	Must be at least one column.
Size of string type primary key column values	1 KB	A single primary key column's string type column value is limited to 1 KB.
Size of string type attribute column values	2 MB	A single attribute column's string type column value is limited to 2 MB.

Item	Limit	Description
Size of binary type primary key column values	1 KB	A single primary key column's binary type column value is limited to 1 KB.
Size of binary type attribute column values	2 MB	A single attribute column's binary type column value is limited to 2 MB.
Number of attribute columns in a single row	Unlimited	A single row can contain an unlimited amount of attribute columns.
The number of attribute columns written by one request	1024 columns	The number of attribute columns written by one PutRow, UpdateRow, or BatchWriteRow request in a single row.
Data size of a single row	Unlimited	The total size of all column names, and column value data , for a single row is unlimited.
Reserved read/write throughput for a single table	0-5000	To increase the limit, open a ticket .
Number of columns in a read request's columns_to_get parameter	0-128	The maximum number of columns obtained in a row of data in the read request.
Table-level operation QPS	10	The QPS of a table-level operation on an instance must not exceed 10. For table-level operations, see Table operations .
Number of UpdateTable operations for a single table	increase: Unlimited Lower: Unlimited	The reserved read/write throughput for each table can be increased or lowered unlimited times within a calendar day (from 00:00:00 to 00:00:00 of the next day in UTC time).
UpdateTable frequency for a single table	Maximum of one update every 2 minutes	The reserved read/write throughput for a single table cannot be adjusted beyond the frequency of once every 2 minutes.

Item	Limit	Description
The number of rows read by one BatchGetRow request	100	N/A
The number of rows written by one BatchWriteRow request	200	N/A
Data size of one BatchWrite Row request	4 MB	N/A
Data returned by one GetRange operation	5,000 rows or 4 MB	The data returned by a single operation cannot exceed 5000 rows or 4 MB. Otherwise, the excessive data will be read with a returned token.
The data size of an HTTP Request Body	5 MB	N/A