

Alibaba Cloud Table Store

Quick Start

Issue: 20190620

Legal disclaimer

Alibaba Cloud reminds you to carefully read and fully understand the terms and conditions of this legal disclaimer before you read or use this document. If you have read or used this document, it shall be deemed as your total acceptance of this legal disclaimer.

1. You shall download and obtain this document from the Alibaba Cloud website or other Alibaba Cloud-authorized channels, and use this document for your own legal business activities only. The content of this document is considered confidential information of Alibaba Cloud. You shall strictly abide by the confidentiality obligations. No part of this document shall be disclosed or provided to any third party for use without the prior written consent of Alibaba Cloud.
2. No part of this document shall be excerpted, translated, reproduced, transmitted, or disseminated by any organization, company, or individual in any form or by any means without the prior written consent of Alibaba Cloud.
3. The content of this document may be changed due to product version upgrades, adjustments, or other reasons. Alibaba Cloud reserves the right to modify the content of this document without notice and the updated versions of this document will be occasionally released through Alibaba Cloud-authorized channels. You shall pay attention to the version changes of this document as they occur and download and obtain the most up-to-date version of this document from Alibaba Cloud-authorized channels.
4. This document serves only as a reference guide for your use of Alibaba Cloud products and services. Alibaba Cloud provides the document in the context that Alibaba Cloud products and services are provided on an "as is", "with all faults" and "as available" basis. Alibaba Cloud makes every effort to provide relevant operational guidance based on existing technologies. However, Alibaba Cloud hereby makes a clear statement that it in no way guarantees the accuracy, integrity, applicability, and reliability of the content of this document, either explicitly or implicitly. Alibaba Cloud shall not bear any liability for any errors or financial losses incurred by any organizations, companies, or individuals arising from their download, use, or trust in this document. Alibaba Cloud shall not, under any circumstances, bear responsibility for any indirect, consequential, exemplary, incidental, special, or punitive damages, including lost profits arising from the use

or trust in this document, even if Alibaba Cloud has been notified of the possibility of such a loss.

5. By law, all the content of the Alibaba Cloud website, including but not limited to works, products, images, archives, information, materials, website architecture, website graphic layout, and webpage design, are intellectual property of Alibaba Cloud and/or its affiliates. This intellectual property includes, but is not limited to, trademark rights, patent rights, copyrights, and trade secrets. No part of the Alibaba Cloud website, product programs, or content shall be used, modified, reproduced, publicly transmitted, changed, disseminated, distributed, or published without the prior written consent of Alibaba Cloud and/or its affiliates. The names owned by Alibaba Cloud shall not be used, published, or reproduced for marketing, advertising, promotion, or other purposes without the prior written consent of Alibaba Cloud. The names owned by Alibaba Cloud include, but are not limited to, "Alibaba Cloud", "Aliyun", "HiChina", and other brands of Alibaba Cloud and/or its affiliates, which appear separately or in combination, as well as the auxiliary signs and patterns of the preceding brands, or anything similar to the company names, trade names, trademarks, product or service names, domain names, patterns, logos, marks, signs, or special descriptions that third parties identify as Alibaba Cloud and/or its affiliates).
6. Please contact Alibaba Cloud directly if you discover any errors in this document.

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 an optional value, and only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
<code>{}</code> or <code>{a b}</code>	It indicates that it is a required value, and only one item can be selected.	<code>swich {stand slave}</code>

Contents

Legal disclaimer.....	I
Generic conventions.....	I
1 Sign up for Table Store.....	1
2 Create an instance.....	2
3 Create a table.....	3
4 Bind a VPC.....	4

1 Sign up for Table Store

Context

- To use Table Store, you need an Alibaba Cloud account. If you do not have an Alibaba Cloud account, the system prompts you to [register an account](#) when you sign up for Table Store.
- To see how the fees for Table Store are calculated and billed, we recommend that you read the [Table Store pricing page](#) before confirming your account settings.

Procedure

1. Log on to the [Table Store product detail page](#).
2. Click Buy Now.
3. Once Table Store is activated, click Management Console to access the Table Store console.

You can also click Console at the upper right of the homepage, click Products on the left-side navigation pane , and then select Table Store.

2 Create an instance

The instance is the basic unit for Table Store resource management. All access control and resource measurement by Table Store for applications are completed at the instance level.

Context

After activating Table Store, you can create instances in the console and perform tables creation and management in the instances.

You can complete the instance creation in the Table Store console by following these steps:

Procedure

1. Log on to the [Table Store console](#).
2. Select a region for your instance.



Note:

When you select a region, the supported instance specifications in that region are displayed.

3. Click Create Instance.
4. Enter the required information and select an instance type.



Note:

- Up to 10 instances can be created under a single Alibaba Cloud account. Each instance name must be globally unique.
- The instance type cannot be modified after the instance is created. For more information about instance types, see [Instance](#).

5. Click OK.

If your created instance is not immediately displayed in the instance list, click Refresh until it is displayed.

3 Create a table

Use the console to create a table

1. Log on to the [Table Store console](#).
2. Locate and click your target instance, or click **Manage** in the **Actions** column to go to the **Instance Details** page.
3. Click **Create Table**.



Note:

Each instance supports up to 64 tables.

4. Enter the required information.
 - Each table name in an instance must be unique.
 - If the table is created in a high-performance instance, you must specify the reserved read throughput and write throughput. The reserved throughput can be set to 0 CU. Configuring the reserved read/write throughput does not affect the table's read/write performance and service capability.



Note:

If the reserved throughput is not set to 0 CU, billing based on the reserved throughput begins immediately after the table is created.

- Up to four primary keys can be set. The configuration and order of the primary keys cannot be changed.
5. Click **OK**.
 6. You are directed to the **Instance Details** page once a table is successfully created. If your created table is not immediately displayed in the table list, click **Refresh** until it is displayed.

Use the SDK to create a table

See the [SDK reference](#).

4 Bind a VPC

Virtual Private Cloud (VPC) is a logically isolated, private network environment built on Alibaba Cloud. Using VPC, you can select a private IP address range, divide network segments, and configure a routing table and gateway. VPC can also connect to a traditional data center through a leased line or a VPN to achieve a custom network environment for efficient cloud migration.

Prerequisites

- Create a VPC.

When you create a VPC, select a region that makes sure your VPC and the Table Store instance can be located in the same region. For more information, see [Create a VPC](#).

- Create an ECS instance in the new VPC.

After the VPC is created, create an ECS instance in the VPC . For more information, see [Create an ECS instance](#).

Procedure

1. Log on to the [Table Store console](#).
2. Select the region where the created VPC is located, and click Create Instance.
3. Enter the required information and click OK.
You are directed to the Instance List page.
4. Locate and click the created instance, or click Manage in the Actions column to go to the Instance Details page.
5. Click Bind VPC.
6. Enter the required information and click OK.



Note:

If you log on to the console using a RAM user, make sure that you have granted the RAM user VPC permission (AliyunVPCReadOnlyAccess) by using a primary account on the [RAM - Users console](#). Otherwise, you cannot obtain VPC information.

When the instance and VPC are bound successfully, you are directed to the Instance Details page automatically. You can click `VPC List` to view

information about the bound VPC, or click the link in the VPC ID column to go to the VPC Instance List page and view the Table Store instance bound to the VPC, in addition to the VPC information list.

To access Table Store from the ECS instance in the bound VPC, use the bound VPC access address as the endpoint for access.

To delete the relationship between the Table Store instance and VPC, locate the bound VPC and click Unbind.

Once unbound, the preceding address cannot be used to access Table Store from the ECS instance in the VPC. If you want to access Table Store again, rebind the Table Store instance to the VPC.