

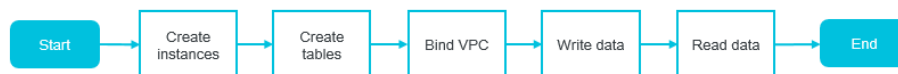
Table Store

Quick Start

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Purpose of the document

This document is intended for new users of Table Store. It describes how to create an instance, create a table, and manage data. A flowchart of the process is as follows:



Prerequisites

To use Table Store, you will need an Alibaba Cloud account. If you do not have one, the system will prompt you to **register an account** when you sign up for Table Store.

To see how fees for Table Store are managed, we recommend that you read the **Table Store pricing page** before confirming your settings.

Procedure

Log on to the Alibaba Cloud official website.

On the Table Store product detail page, click **Purchase Now** and complete the relevant payment information.

Table Store is then available from the homepage by navigating to **My Account > Console**, and clicking **Table Store** from the main console.

Procedure

Log on to the Table Store console.

Select a region.

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

Click **Create Instance**.

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**.

Click **OK**.

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

Procedure

Log on to the Table Store console.

Locate your target instance and click its name, or click **Manage** in its **Actions** column to go to the **Instance Details** page.

Click **Create Table** in the upper right corner. For more information on table attributes, see **Glossary**.

Note: Each instance supports up to 64 tables.

Enter the required information. The following restrictions apply:

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. 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 4 Primary Keys can be set. The configuration and order of the Primary Keys cannot be changed.

Click **OK**.

The page will automatically return to the **Instance Details** page once a table is successfully created. If your created table does not immediately display in the table list, click **Refresh** until it is displayed.

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 VPN to achieve a custom network environment for smooth cloud migration.

Prerequisites

Create a VPC.

When you create a VPC, select a region that ensures 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 aforementioned VPC.

For more information, see [Create an ECS instance](#).

Procedure

Log on to the Table Store console.

Select the region where the created VPC is located, and click **Create Instance**.

Enter the required information and click **OK**. The page automatically returns to the **Instance List** page.

Locate the newly created instance and click its name, or click **Manage** in the **Actions** column to go to the **Instance Details** page.

Click **Bind VPC**.

Enter the required information and click **OK**.

Note: If you log on to the console by a subaccount, make sure that you have granted the subaccount VPC permission (that is, **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, the page returns to the **Instance Details** page automatically. You can click **VPC List** to view information of 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, as well as 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.

Additional actions

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 need to access Table Store again, rebind the Table Store instance to the VPC.

After creating a data table, you can call a RESTful API to execute data writes or reads through SDK toolkits in a mainstream language, or the command line interface and graphical interface.

The following table lists several methods of data operations.

Source	Description
API	The RESTful API operations supported by Table Store and related samples.
SDK	The SDK and related parameters based on major languages.
Command line tool	The CLI toolkit that supports interactive mode and direct command mode for one-click operations on Table Store.