# Alibaba Cloud

## Data Transmission Service

## Billing

Alibaba Cloud

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# Document conventions

| Style | Description | Example |
|---|---|---|
| ⚠ Danger | A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results. | ⚠ **Danger:**<br><br>Resetting will result in the loss of user configuration data. |
| 🔔 Warning | A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results. | 🔔 **Warning:**<br><br>Restarting will cause business interruption. About 10 minutes are required to restart an instance. |
| 🔊 Notice | A caution notice indicates warning information, supplementary instructions, and other content that the user must understand. | 🔊 **Notice:**<br><br>If the weight is set to 0, the server no longer receives new requests. |
| ⑦ Note | A note indicates supplemental instructions, best practices, tips, and other content. | ⑦ **Note:**<br><br>You can use Ctrl + A to select all files. |
| > | Closing angle brackets are used to indicate a multi-level menu cascade. | Click **Settings> Network> Set network type**. |
| **Bold** | Bold formatting is used for buttons , menus, page names, and other UI elements. | Click **OK**. |
| Courier font | Courier font is used for commands | Run the `cd /d C:/window` command to enter the Windows system folder. |
| *Italic* | Italic formatting is used for parameters and variables. | `bae log list --instanceid`<br><br>*Instance_ID* |
| [] or [a\|b] | This format is used for an optional value, where only one item can be selected. | `ipconfig [-all\|-t]` |
| {} or {a\|b} | This format is used for a required value, where only one item can be selected. | `switch {active\|stand}` |

# Table of Contents

# 1.Billing methods

This topic describes the payment methods, billing methods, and billable items of Data Transmission Service (DTS).

## Pricing

For details about how DTS is priced, see DTS pricing.

## Payment methods

You can use the following methods to pay for DTS:

- Bank card
- PayPal

  Alibaba Cloud pre-authorizes your PayPal account after your pay-as-you-go resources start to incur fees.

- Paytm (India)

  Only for users in India. Alibaba Cloud pre-authorizes your Paytm account after your pay-as-you-go resources start to incur fees. Note that coupons are used to pay for your resource usage before bills are issued. No actual payments are involved.

## Billing methods

DTS provides two billing methods for you to choose from: subscription and pay-as-you-go. Note that data migration instances support only pay-as-you-go.

| Billing method | Supported DTS features | Description |
| --- | --- | --- |
| Subscription | - Data synchronization<br>- Change tracking | - You pay for your subscription when you create an instance. Subscription lengths are monthly or yearly.<br>- If you plan to use DTS for a month or longer, we recommend that you select this billing method because it will be more cost effective.<br>- You cannot release a subscription instance. If the subscription is not renewed, the instance expires at the end of the subscription period.<br>- You cannot switch the billing method of an instance from subscription to pay-as-you-go. |

| Billing method | Supported DTS features | Description |
|---|---|---|
| Pay-as-you-go | • Data migration<br>• Data synchronization<br>• Change tracking | • Your instances are billed based on the time your tasks are running. A pay-as-you-go instance is billed on an hourly basis. The hourly fee is calculated based on the instance class and you are charged by using your chosen billing method.<br>• You can release a pay-as-you-go instance at any time. For more information, see Release pay-as-you-go instances.<br>• We recommend that you select this billing method for short-term use.<br>• You can switch a pay-as-you-go instance to a subscription instance. For more information, see Switch from pay-as-you-go to subscription.<br><br>⑦ Note<br>• For data synchronization and data migration tasks, you will be billed during the period when the tasks are paused.<br>• When data synchronization or incremental data migration is paused, DTS temporarily stops writing data to the destination database but continues to read logs from the source database. This helps to quickly resume data synchronization or migration once the task is resumed. |

## Billable items

| DTS feature | Billable item | Billing rule |
|---|---|---|
| | Instance class | • You are only billed when incremental data migration is in progress, including the period when the incremental data migration is paused. You are not billed for schema migration and full data migration.<br><br>⑦ Note   If data migration fails, you will not be charged during the period in which the migration has a failed status.<br><br>• Within one hour before an overdue payment occurs, if you have used the service for no more than half an hour, you are billed for half an hour of service usage. If you have used the service for more than half an hour, you are billed for one hour of service usage. |

| DTS feature | Billable item | Billing rule |
|---|---|---|
| Data migration | Internet traffic charges | DTS involves two types of public network traffic: inbound traffic (inbound traffic to Alibaba Cloud services) and outbound traffic (outbound traffic from Alibaba Cloud services).<br><br>• Outbound traffic: You are billed for the outbound traffic that is generated. For example, you are billed when you migrate a self-managed database on an ECS instance or an Alibaba Cloud database to an on-premises database over the Internet.<br><br>• Inbound traffic: You are not billed for the inbound traffic that is generated. For example, you are not billed when you migrate an on-premises database to a self-managed database on an ECS instance or an Alibaba Cloud database over the Internet.<br><br>⑦ **Note** Internet traffic charges are based on the actual traffic that is generated. The unit price is USD 0.15 per GB. Traffic of less than 1 GB is charged as 1 GB. |
| Data synchronization | Instance class | • Pay-as-you-go<br><br>Billing starts when the task configuration is completed and the task is started. You are also billed during the period when the task is paused.<br><br>Within one hour before an overdue payment occurs, if you have used the service for no more than half an hour, you are billed for half an hour of service usage. If you have used the service for more than half an hour, you are billed for one hour of service usage.<br><br>• Subscription<br><br>You must pay for your subscription based on the instance class, subscription period, and number of instances. |
| Change tracking | Instance class | • Pay-as-you-go<br><br>Billing starts when the task configuration is completed and the task is started.<br><br>Within one hour before an overdue payment occurs, if you have used the service for no more than half an hour, you are billed for half an hour of service usage. If you have used the service for more than half an hour, you are billed for one hour of service usage.<br><br>• Subscription<br><br>You must pay for your subscription based on the instance class, subscription period, and number of instances. |
| | Amount of subscribed data | Free |

| DTS feature | Billable item | Billing rule |
| --- | --- | --- |
| | Internet traffic charges | Free |

# 2.Expiration policies for subscriptions

If your subscription for a Data Transmission Service (DTS) instance expires, the data transmission workloads stop running. If you do not renew your subscription within seven days after the instance stops providing services, the system releases the instance and deletes all configurations associated with the task. Released instances cannot be recovered.

## Recommendations to avoid service interruption

To avoid service interruptions, we recommend that you renew your subscription before it expires or enable auto-renewal. For more information, see Renew a subscription instance.

Make sure that your selected payment method has sufficient funds to cover the payment.

# 3.Overdue payments for pay-as-you-go

If a payment for a pay-as-you-go DTS instance becomes overdue, the associated task stops working after 24 hours. To minimize disruption to your business, ensure that your payment method details are correct and you have sufficient balance to cover pay-as-you-go fees.

> 🔔 **Warning**   You may receive notifications in the DTS console that you have overdue payments. When this occurs, please clear all overdue payments to avoid instances being released. Note that your instances may be released at a system-selected time after the payment due date.

## How DTS handles overdue payments

- DTS can be used normally for the first 24 hours after a payment becomes overdue.
- If you do not complete the overdue payment within 24 hours, data replication tasks will be stopped and you will be no longer able to use DTS.
- If you do not complete the overdue payment within seven days of when DTS stops providing services, the system releases the DTS instance and deletes all data associated with the instance. Released instances cannot be recovered.

# 4.Renew a subscription instance

You can renew an instance that uses the subscription billing method either manually or by enabling auto-renewal.

> ⑦ **Note** After a subscription expires, you must renew the subscription within seven days. Otherwise, the instance will be released and cannot be recovered. To avoid service interruptions caused by an expired subscription, we recommend that you renew the subscription or enable auto-renewal before the subscription expires.

## Manually renew the subscription of a subscription instance

1. Log on to the DTS console.

2. In the left-side navigation pane, click **Data Synchronization** or **Change Tracking**.

3. Find the target instance and click **Renew** in the **Actions** column.



4. On the **Renew** page, select an **auto-renewal cycle** and select **Data Transmission Service Agreement of Service**.



5. Click **Pay** and follow the instructions to complete the payment.

## Enable auto-renewal

Auto-renewal allows you to automatically renew your instances that use the subscription billing method each month. You can enable auto-renewal by following these steps:

1. Log on to the DTS console.

2. In the top navigation bar, choose **Billing Management > Renew**.

3. In the left-side navigation pane, click **Data Transmission Service**.

4. Find the target instance and click **Enable Auto-Renewal** in the **Actions** column.

5. In the **Enable Auto-Renewal** dialog box, select an **Auto-Renewal Cycle**, and click **Enable**.



> ⑦ **Note**
> - The payment for auto-renewal is due nine days before the subscription expires. You must ensure that the balance of the payment method is sufficient so that the subscription can renew.
> - After you enable auto-renewal, the system will automatically renew the subscription based on the auto-renewal cycle that you select. For example, if you select a three-month auto-renewal cycle, you will be charged a three-month subscription fee upon each auto-renewal.

# 5.Switch from pay-as-you-go to subscription

You can switch the billing method of an instance that has an associated task in data synchronization mode or change tracking mode from pay-as-you-go to subscription. The migration channels of the instance are unaffected when you switch the billing method.

## Precautions

- After you switch the billing method of a pay-as-you-go instance to subscription, you cannot switch the billing method back to pay-as-you-go. Make sure that you need to switch the billing method of your DTS instance.

- DTS instances with an associated task in data migration mode only support the pay-as-you-go billing method. You cannot switch the billing method of instances with a task in data migration mode to subscription.
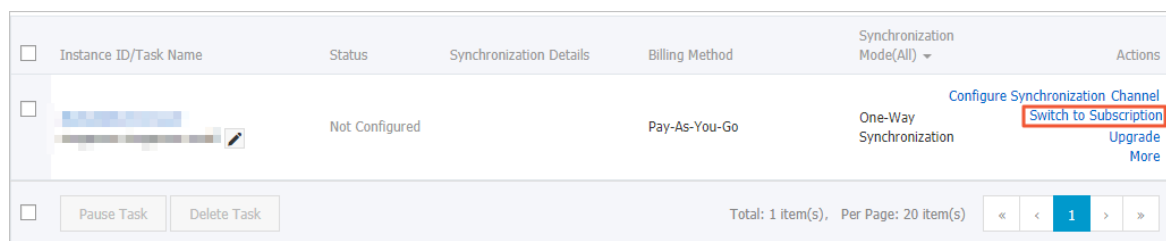
## Prerequisites

Before you switch billing method, make sure the following requirements are met:

- The instance is a pay-as-you-go instance that has an associated task in data synchronization or change tracking mode.

- For a task in data synchronization mode, you do not want to change the following parameters of the instance: Source Instance, Source Region, Target Instance, Target Region, and Synchronization Topology. These parameters must stay the same before and after you change billing method.

- For a task in change tracking mode, you do not want to change the Source Region parameter of the instance. This parameter must stay the same before and after you change billing method.

## Procedure

> ⑦ **Note**    Before you switch a pay-as-you-go instance to subscription, you must already have a subscription instance. You can create a subscription instance if you do not have one already.

1. Log on to the DTS console.

2. In the left-side navigation pane, click **Change Tracking** or **Data Synchronization**.

3. Find the instance that you want to switch and click **Switch to Subscription** in the **Actions** column.



4. In the **Switch to Subscription** dialog box, select the subscription instance that you have created.

> ⑦ **Note**    After the billing method is switched from pay-as-you-go to subscription, DTS releases the pay-as-you-go instance and you are no longer charged pay-as-you-go fees.



5. Click **OK**.