

ApsaraDB for RDS

Purchase Guide

Purchase Guide

Purchase

You can purchase and activate ApsaraDB instances through the Alibaba Cloud's official website or the API.

Prerequisites

An Alibaba Cloud account has been registered.

Context

There are two kinds of charging ways: **Subscription** and **Pay-As-You-Go**. For detail, see [Pricing](#).

You can use [Calculator](#) for instance preliminary cost estimates.

Purchase via the official website

Access the [Relational Database Service \(RDS\) Product Page](#), and click **Purchase now**.

Select the payment method and instance configuration on the **Create** page, and click **Confirm Order**.

Note: To buy multiple instances, click **Add to List** to add the instances you want to purchase to the order list one by one, and then click **Buy in Bulk** in **Order List**.

Parameters are described as follows:

Configuration Items	Optional Parameter	Description
Method of Payment	<ul style="list-style-type: none">- Subscription- Pay-As-You-Go	<ul style="list-style-type: none">- Subscription instance During the contract period, the instance can only be upgraded, and

		<p>cannot be downgraded or released. The instance will be released after being in arrears for 15 days</p> <p>- Pay-As-You-Go instance To purchase the Pay-As-You-Go instance, the account needs to undergo real-name authentication. The instance can be released at any time. The instance will be locked after being in arrears for 24 hours and will be released after being in arrears for 15 days</p> <p>After the instance is released, online data (data accessed in the instance) is deleted at the same time, and the backup data will be deleted 15 days later (during this period, the data exceeding the backup data retention time set by you will be deleted within half an hour after expiration)</p>
<p>Region</p>	<ul style="list-style-type: none"> - China East 1 (Hangzhou) - China East 2 (Shanghai) - China North 1 (Qingdao) - China North 2 (Beijing) - China South 1 (Shenzhen) 	<p>Note: Products in different regions cannot intercommunicate via intranet, and you cannot change the region after purchase. Therefore, please be careful when selecting the region.</p> <ul style="list-style-type: none"> - Data centers in the Chinese mainland operate on a multi-line BGP backbone

	<ul style="list-style-type: none"> - Hong Kong - US East 1 (Virginia) - US West 1 (Silicon Valley) - Singapore - Asia Pacific NE 1 (Japan) - Asia Pacific SE 2 (Sydney) - Germany 1 (Frankfurt) - Middle East 1 (Dubai) 	<p>network that covers all provinces and cities to ensure stable and fast access.</p> <ul style="list-style-type: none"> - The data center in Hong Kong offers accesses using the international bandwidth, covering such regions as Hong Kong, Southeast Asia, Japan and South Korea - Date centers in US East 1 and US West 1 are directly connected to the backbone networks of multiple American operators through the BGP line. In addition to covering the entire US region, these data centers extend their reach to South America and Continental Europe. - As the data center partner for Singapore, SingTel is a dominant operator in Southeast Asia. Highly reliable in terms of business expertise and maturity, the company is well-positioned to serve users across the
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

		region.
Zone	One or multiple zones can be selected	Regular RDS instances are built on a cluster of two nodes working in hot standby mode. A single zone means that the active and standby nodes are in the same zone, and multiple zones mean that the active and standby nodes are in different zones. The read-only instance adopts the single node architecture. If primary instances are in multiple zones, the corresponding read-only instances are randomly allocated. Currently, East China 1 region supports multiple zones.
Database type	<ul style="list-style-type: none"> - MySQL - SQL Server - PostgreSQL 	Different database types are supported in different regions. For specific optional database types, please refer to optional actually available on the page
Version	<ul style="list-style-type: none"> - MySQL: 5.5, 5.6 - SQL Server 2008 R2, 2012 - PostgreSQL 9.4 	MySQL 5.6 version supports TokuDB storage engine and can greatly reduce the space occupied by data files. It is recommended that you select MySQL 5.6 to save on the cost of storage.
Network Type	<ul style="list-style-type: none"> - Classic Network - VPC 	<ul style="list-style-type: none"> - Classic Network: The cloud service on the classic network is not isolated, and unauthorized access can be blocked only by relying on the security group or whitelist policies of the cloud service - Virtual Private Cloud (VPC): VPC helps you to build an isolated network

		<p>environment on the Alibaba Cloud. You can customize the route table, IP address range and gateway on the VPC. Besides, you can combine the own machine room and the cloud resource in the VPC of Alibaba Cloud into a virtual machine room through the leased line or VPN to install applications on the cloud smoothly</p> <p>The VPC needs to be created beforehand. Alternatively, you can change the network type after creating instances. For details, please refer to Setting Network Type</p>
Storage space	A storage space of 5 GB to 2,000 GB can be set, with the step length of 5 GB	The storage spaces set here are data space, system file space, binlog file space and object file space
Memory	<ul style="list-style-type: none"> - MySQL: optional from 240 MB to 48,000 MB - SQL Server: 1,000 MB to 48,000 MB, multiple steps optional - PostgreSQL: 1,024 MB to 32,769 MB, multiple steps optional 	<p>Different memory sizes are corresponding to different maximum numbers of connections and IOPS. The maximum number of connections is 10,000, and the maximum IOPS is 20,000. For the specific maximum numbers of connections and IOPS corresponding to different memory sizes, please refer to the actual interface</p>
Duration for purchase	1-9 months or 1 years	Buy a 10-month plan to get service for 12 months or 1 year. The same applies to other plans.

Quantity	Quantity of the above purchased instances with the same configurations; an integer in the range of 1 ~ 99	-
----------	-----------------------------------------------------------------------------------------------------------	---

3. After reading the **RDS Service Terms** on the **Confirm Order** page, complete the payment process as prompted.

- Subscription instance: After clicking **Pay**, you can pay the expense through account balance, coupon, online bank or offline transfer.
- Pay-As-You-Go instance: Click **Confirm Order** to directly activate it.

Purchase via the API

Please refer to the information related to instance creation in the API document.

Renewal

A subscription instance will be released after being in arrears for 15 days , you needs to renew the instance in time. In the renewal process, you can upgrade configurations of the instance at the same time. A Pay-As-You-Go instance is billed according to the actual usage time, so no renewal is required.

Context

There are two kinds of charging ways: **Subscription** and **Pay-As-You-Go**. For detail, see Pricing.

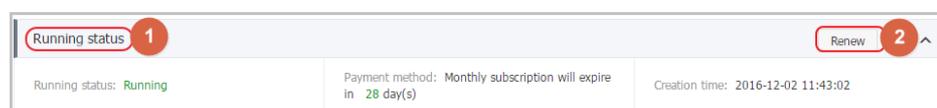
You can use Calculator for instance preliminary cost estimates.

Operation procedure

Here, instance renewal and configuration upgrade is taken as an example.

Log in to the RDS Console and select the target instance.

Select **Basic information** in the menu, and click **Renew** in **Running status**, as shown below.



Select **Renewal Length** on the **Renew** page.

Select **I agree to RDS Service Terms and Service Level Terms**.

Click **Pay**, and then complete the payment process as prompted.

Pricing

There are two kinds of charging ways: **Subscription** and **Pay-As-You-Go**. For detail, see [Pricing](#).

You can use [Calculator](#) for instance preliminary cost estimates.