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ApsaraDB for MongoDB
Purchase guide

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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:** 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:** 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:** If the weight is set to 0, the server no longer receives new requests.
❓ Note	A note indicates supplemental instructions, best practices, tips, and other content.	❓ **Note:** 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` *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}`

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1.Billable items and pricing

This topic describes the billable items and pricing of ApsaraDB for MongoDB.

> ⚠ **Warning**   The system sends notifications when an instance expires or has overdue payments. To avoid service suspension, we recommend that you renew the instance at the earliest opportunity.

Billable items and billing rules

Architecture	Billable item	Billing rule
• Standalone instances • Replica set instances	• Instance fee • Storage fee • Backup fee > ⑦ **Note** You are charged on a pay-as-you-go basis for consumed backup storage that exceeds the free quota. > • Dedicated cloud-disk instances: You are charged for backup on a pay-as-you-go basis when your consumed storage exceeds 200% of the instance storage capacity. > • Dedicated local-disk instances: You are charged for backup on a pay-as-you-go basis when your consumed storage exceeds 50% of the instance storage capacity.	For more information, go to the Pricing tab of the ApsaraDB for MongoDB product page.

Architecture	Billable item	Billing rule
Sharded cluster instances	- Mongos node fee - Shard node and storage fee - Configserver node and storage fee - Backup fee ⑦ **Note** You are charged on a pay-as-you-go basis for consumed backup storage that exceeds the free quota. - Dedicated cloud-disk instances: You are charged for backup on a pay-as-you-go basis when your consumed storage exceeds 200% of the shard storage capacity. - Dedicated local-disk instances: You are charged for backup on a pay-as-you-go basis when your consumed storage exceeds 50% of the shard storage capacity.	

Billing methods

Billing method	Suspension due to expiration or overdue payments	Renewal	Configuration change
Subscription: You must pay the subscription fee when you create an instance.	When the subscription expires, your instance is still available for 15 days. After that, the instance is locked and its data is retained for 15 days. No fee is charged when your instance is locked. If you do not renew the subscription, your instance is released 30 days after the expiration date, and the data on the instance is permanently deleted.	You can renew the subscription before the expiration date or within 30 days after the expiration date. When you renew the subscription, the instance is billed based on the new configurations and subscription duration that you specify.	- During the contract period, you can only upgrade the configurations of a subscription instance. You cannot downgrade the configurations or release the instance. - Upgrade fee = Daily price difference of an instance before and after the upgrade × Number of remaining days from the upgrade date to the expiration date - If the remaining validity period of an instance is greater than or equal to 356 days, its price after the upgrade is calculated on a yearly basis. - If the remaining validity period of an instance is less than 356 days, its price after the upgrade is calculated on a monthly basis. The remaining validity period of this instance lasts until its expiration date.

Billing method	Suspension due to expiration or overdue payments	Renewal	Configuration change
Pay-as-you-go: Bills are generated hourly based on the configurations of an instance and fees are automatically deducted from your Alibaba Cloud account.	If your account balance is insufficient, all pay-as-you-go instances that belong to your account become overdue. When an instance becomes overdue, the instance is still available for 15 days. After that, the instance is locked. When the payment has been overdue for more than 30 days, the instance is released. The data on the released instance is permanently deleted. After the instance has been released for seven days, its backup data is permanently deleted. Within seven days after the instance is released, the data that has exceeded the specified retention period is deleted in half an hour.	Pay-as-you-go instances are billed based on the service duration and no renewal is required. Make sure that you have sufficient balance within your Alibaba Cloud account.	• You can release a pay-as-you-go instance or change its configurations. For more information, see Overview. • You can directly change the billing method of a pay-as-you-go instance to subscription. The new billing method immediately takes effect.

2.Configuration change fees

This topic describes the costs incurred when you change the configuration of a pay-as-you-go or subscription ApsaraDB for MongoDB instance.

Pricing

For more information, see Pricing.

Pay-as-you-go instances

The minimum charging period for a pay-as-you-go instance is one hour. After the configuration of an instance is changed, you are charged at the price of the new configuration.

Subscription instances

Configuration change	Description
Upgrade immediately	Payment = Total fees of the new configuration for the remaining subscription period (Monthly price of the new configuration/30/24 × Unused hours) - Total fees of the original configuration for the remaining subscription period (Monthly price of the original configuration/30/24 × Unused hours). Example: The monthly price of the new configuration is USD 14,400. The monthly price of the original configuration is USD 7,200. The remaining subscription period is 50 days. The payment is calculated as follows: (14,400/30/24 × 50 × 24) - (7,200/30/24 × 50 × 24) = USD 12,000.
Downgrade immediately	Refund = Total fees of the original configuration for the remaining subscription period (Monthly price of the original configuration/30/24 × Unused hours) - Total fees of the new configuration for the remaining subscription period (Monthly price of the new configuration/30/24 × Unused hours). Example: You subscribed to a cluster for three months, during which the original configuration charged USD 3,500. You paid USD 3,000 after using coupons. After two months, the total fees of the original configuration for the remaining month are USD 1,000. The total fees of the new configuration for a month are USD 800. The refund is calculated as follows: 1000 - 800 = USD 200. ⑦ **Note** You can be refunded for downgrading the configuration of a subscription instance, but cannot be refunded for the entire instance. If you need to be refunded for the entire instance, submit a ticket to make an application.

> ⑦ **Note**
>
> If you upgrade the configuration of an instance and then downgrade the configuration, you may get fewer refunds in the following two scenarios:
>
> - You used discounts in the upgrade order. For example, you subscribed to the cluster for a year at a 15% discount, which means you only need to pay USD 850 to enjoy USD 1,000 worth of service. Then, a refund for downgrading the configuration is calculated based on USD 850.
>
> - You used coupons in the upgrade order. When you downgrade the configuration of the instance, the refund of the original configuration is calculated based on the cash you paid, excluding the amount deducted by coupons. However, when you upgrade the configuration of the instance, the fees of the original configuration are calculated based on the unit price of the original configuration, including the amount deducted by coupons.

References

Overview