

Alibaba Cloud

云解析 PrivateZone Product Introduction

Document Version: 20201013

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 because of product version upgrade, adjustment, or other reasons. Alibaba Cloud reserves the right to modify the content of this document without notice and an updated version of this document will be released through Alibaba Cloud-authorized channels from time to time. You should 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 this document based on the "status quo", "being defective", and "existing functions" of its products and services. 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 take legal responsibility for any errors or lost profits incurred by any organization, company, or individual arising from download, use, or trust in this document. Alibaba Cloud shall not, under any circumstances, take responsibility for any indirect, consequential, punitive, contingent, 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 contents in Alibaba Cloud documents, including but not limited to pictures, architecture design, page layout, and text description, 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 this document 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 directly contact Alibaba Cloud for any errors of this document.

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 <code>cd /d C:/window</code> command to enter the Windows system folder.
<i>Italic</i>	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid</code> <i>Instance_ID</i>
[] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>
{ } or {a b}	This format is used for a required value, where only one item can be selected.	<code>switch {active stand}</code>

Table of Contents

1.Pricing	05
-----------	----

1.Pricing

Billing method

Alibaba Cloud DNS PrivateZone supports the pay-as-you-go billing method. You are billed by the number of private zones that you create and the number of back-to-origin requests in each zone. Bills are generated and settled on a daily basis. If you delete a private zone within the same day you create the zone, you are not charged.

Billing rules

Billing item	Price	Description
Number of private zones	USD 0.015 per zone per day	Each zone in an account is charged USD 0.015 per day.
Number of back-to-origin requests in each zone	USD 0.004 per 10,000 requests	You are charged USD 0.004 for every 10,000 back-to-origin requests that the DNS server processes each day in an account after the specified time to live (TTL) period expires.
Source IP address of an outbound endpoint	USD 0.15 per hour per IP address	Each source IP address of an outbound endpoint in an account is charged USD 0.15 per hour.
Number of DNS requests that an outbound endpoint forwards	USD 0.004 per 10,000 requests	You are charged USD 0.004 for every 10,000 DNS requests that an outbound endpoint forwards in an account.

Example

- You create three private zones in Account A, namely, test.com, host01.demo.com, and inner.example.local.
- The DNS server receives 64,131 back-to-origin requests from the three private zones in Account A one day.
- Account A is charged USD 0.075 in total for that day, including USD 0.045 for the usage of the three private zones and USD 0.03 for resolving the back-to-origin requests. Specifically, the fee for resolving the requests is calculated in the following way: Divide 64,131 by 1,000. The result is 6.4131. Round 6.4131 to 6.41 and multiply the number by 0.004. The result is rounded to 0.03.

 **Note**

TTL caching is used for DNS requests. In each zone, the number of billable back-to-origin requests per day is the number of requests minus the number of cache hits within the TTL period.

Assume that the TTL for the domain name `www.test.com` is set to 30 seconds and 1,000 requests per second are sent to the DNS. Then, all requests within the TTL period are free of charge. The one request that is sent after the specified TTL period expires is billed. All subsequent requests that are sent within a new TTL period are free of charge.

You can view the total number of back-to-origin requests on the Query Volume page in the Alibaba Cloud DNS console.

 **Notice****Typically:**

- A longer TTL period leads to fewer back-to-origin requests and incurs lower charges. However, it takes longer for the change of an IP address for a domain name within the corresponding TTL period to take effect.
- A shorter TTL period leads to more back-to-origin requests and incurs higher charges. However, the change of an IP address for a domain name within the corresponding TTL period can take effect faster.

Overdue bills

- The PrivateZone service is suspended 24 hours after you receive an overdue bill notice.
- The system stops billing when the PrivateZone service is suspended. Your PrivateZone service remains valid if you recharge your account within 24 hours after you receive an overdue bill notice. Your private zones are retained for seven days after you receive an overdue bill notice. After seven days, your private zones are automatically released unless you recharge your account before the seven-day grace period ends.
- You receive a message or an email notification one day before the private zones are released. The private zone configurations and data that have been released are permanently deleted and cannot be restored.
- If you recharge your account within seven days, the service automatically resumes.