

Content Delivery Network

Release Notes and Announcements



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Contents

Release Notes and Announcements

History

Announcement

Announcement on Upgrading ECDN Console to EdgeOne

Notice on Adjustment of CDN Overdue Service Suspension Rules

Notification on Adjusting Free HTTPS Quota to Free HTTPS Request Package

Announcement on Unified Overdue Protection Period for CDN Users

CDN HTTPS Request Count Billing Announcement

Tool Usage Guide for CDN Migration to EdgeOne

Release Notes and Announcements History

Last updated: 2024-12-31 17:23:54

Date	Version No.	Features
Apr.11.2017	V2.33	Export domain name list by one step Batch query CDN-IP attribution
Feb.20.2017	V2.32	Add new statistic target of status code
Jan.14.2017	V2.31	The configuration of domestic acceleration domain name synchronize to overseas just by one step (Overseas acceleration is beta testing hot)
Dec.14.2016	V2.30	User's switchover between self-owned origin server and COS origin server is supported for domestic CDN; Setup of hot-standby origin server for self-owned origin server is supported to effectively improve back-to-origin quality; Setting capped bandwidth for domain name is supported; when the capped bandwidth is exceeded, the service can be stopped directly or the request will be directed to origin server; For any domain name configured with SSL certificate, forced jump to HTTPS is supported; Activation of intermediate origin server is supported for overseas CDN; Activation of cross-border private line is supported for overseas CDN; Connection with COS origin domain name is supported for overseas CDN;
Sep.23.2016	V2.26	IP access frequency restriction configuration is supported Multiple Cloud Monitor indicators were added
Sep.12.2016	V2.25	Overseas CDN Console was provided (Gray Release)
Aug.22.2016	V2.24	Priority adjustment for cache expiration is supported
Aug.11.2016	V2.23	The configuration of IP black and white lists is supported Origin server statistics module was added Self-troubleshooting tool was provided
Jul.19.2016	V2.22	SEO optimization configuration was provided HTTP Header customized configuration was provided
Jun.30.2016	V2.21	Resource warm-up feature went live (Gray Release) Overseas CDN application entry was opened (Gray Release)
Jun.13.2016	V2.20	CDN monthly operating report was provided
Apr.29.2016	V2.19	Free third-party HTTPS certificate was provided
Mar.4.2016	V2.17	Query for CDN node IP attribution is supported
Jan.20.2016	V2.14	COS origin server is supported for CDN
Oct.10.2015	V2.10	CDN network-wide status monitoring was enabled
Aug.8.2015	V2.4	Sub-project permission management is supported Multi-dimensional statistics including access status code was provided
Jun.12.2015	V2.3	Directory refreshing is supported Pan-revolution is supported

Date	Version No.	Features
		Large file pre-pull and warm-up features are supported
May.18.2015	V2.2	One-stop acceleration of WeChat official account Inherit cache-control from the origin server upon the cache expiration
Apr.20.2015	V2.1	Advanced features such as back-to-origin host configuration, refer hotlink protection configuration, cache expiration time are supported
Mar.15.2015	V2.0	Connection to CDN with self-owned origin and FTP hosted origin is supported Pay by Bandwidth and Pay by Traffic models are supported; multi-dimensional data presentation is supported
May25.2014	V1.0	Connection to CDN with SVN is supported

Announcement

Announcement on Upgrading ECDN Console to EdgeOne

Last updated: 2024-12-31 17:25:47

To enhance customer experience and service quality, Tencent Cloud's Enterprise Content Delivery Network (ECDN) has been fully upgraded to Tencent Cloud EdgeOne (EdgeOne). Starting from April 1, 2024, the CDN console will cease the activation of ECDN services and new domain access. If you have dynamic content distribution acceleration needs, please proceed to use EdgeOne.

For users who have accessed ECDN before April 1, 2024, we will assist you in upgrading your current services to EdgeOne according to the following upgrade method.

Upgrade Time and Method

- **Starting from April 1, 2024**, the Content Delivery Network (CDN) will stop activating ECDN services for new users, and users who have already activated the service will not be able to add new ECDN acceleration domain names.
- **From April 1, 2024 to June 30, 2024**, Tencent Cloud will batch upgrade the current ECDN service to the EdgeOne platform. No action is required from you during the upgrade process. After the upgrade, your existing services will not be affected. You can continue to manage your domain name management and information inquiry in the EdgeOne console. The billing method will remain the same as the ECDN billing method.
- Before and after each batch upgrade, we will notify you multiple times via message center, SMS, and email.

Upgrade scope

The current domain acceleration type under the account is ECDN dynamic acceleration and ECDN dynamic and static acceleration, and the domain status is "started". All ECDN dynamic acceleration and ECDN dynamic and static acceleration domain names under the account will be upgraded to the EdgeOne platform.

Note:

If the ecdn dynamic acceleration domain name or ecdn dynamic and static acceleration domain name under your account is in the following status, the domain name will not be upgraded:

- The domain name has been banned
- The account is in arrears status
- All domain names are in the "disabled" status

We will retain domain name data until June 30, 2024. If you need to upgrade, please restore the domain name to the "enabled" status before June 30. The backend will perform regular scanning to assist you in completing the upgrade. If the status is not updated by June 30, the domain name data will no longer be retained.

Must-Knows

- Upgrades are system automatic execution, no action is required from you. On the upgrade day, domain name operations will be unavailable in the CDN console and TencentCloud API.
- After the upgrade, data query TencentCloud API can remain unchanged; for domain name configuration APIs, you need to switch to the corresponding EdgeOne APIs.
- After the upgrade, ECDN back-to-source IP will no longer apply. If you have configured an origin server allowlist, you must add the IP to your origin server allowlist before the official upgrade. You can [click to obtain](#).
- After the upgrade, your ECDN billing mode remains unchanged, and costs are not affected. Billing will still be according to ECDN billing and pricing.
- After the upgrade, your ECDN domain configuration needs to go to EdgeOne console for management operations.

Comparison Before and After Upgrade

Comparison Item	Before Upgrade	After Upgrade
Console Entry	Use the original Content Delivery Network (CDN) console for configuration management	Use the EdgeOne console for configuration management
Feature Comparison	All ECDN acceleration console capabilities	While covering original capabilities, it provides more rich and flexible configuration methods such as rule engine and edge functions.
Configuration Method	Single domain name management configuration	Managed at the site level, supports one-click global configuration and flexible rule engine configuration.
Billing Mode	Billed according to ECDN billing method	Keep billing using ECDN billing method .
API Interface	Call ECDN related API	Data query related can still use the original ECDN related API, other operation and configuration APIs need to switch to the relevant APIs provided by EdgeOne.

FAQs

Will the Upgrade Process Affect Current Services

There will be no impact on your current services. Tencent Cloud will provide ongoing monitoring of the service status of your domain after the upgrade to ensure your domain can complete the upgrade smoothly.

How Is the Service After the Upgrade Charged

After the upgrade, your service fees will not be affected and will continue to be billed according to the original ECDN charging method. For the detailed charging method, please refer to: [ECDN Pricing Overview](#).

How to Receive Upgrade Notifications and Upgrade Time

When your ECDN domain is about to be upgraded, we will notify you 7 days in advance via message center, SMS, email, etc. After the upgrade is completed, we will notify you again via message center, SMS, email, etc. Please ensure that you have enabled the relevant notifications for CDN in [Message Center > Subscription Management](#).

Can I Continue Using the CDN Console After the Upgrade

After the upgrade is completed, please go to the [EdgeOne](#) console to manage your current ECDN acceleration domain name. If you are also using the CDN service, you can continue to manage your CDN acceleration domain name in the CDN console.

How to Handle Billing or Using More Enterprise Package Capabilities of EdgeOne After the Upgrade

If you wish to be billed according to the EdgeOne billing method, you can re-access your current site to the EdgeOne service according to the [EdgeOne Site Access Process](#). This will allow you to be billed according to the EdgeOne billing method and enjoy the complete service of the corresponding EdgeOne package.

Notice on Adjustment of CDN Overdue Service Suspension Rules

Last updated: 2024-12-31 17:26:17

Tencent Cloud Content Delivery Network (CDN) will adjust the CDN overdue service suspension rules on April 24, 2024. If your account is in overdue status for more than 2 hours, the acceleration service will be stopped regardless of whether you have a CDN resource package.

Adjustment time

Beijing Time April 24, 2024.

Impact

All CDN users.

Note:

- If your account does not use a CDN resource package, it will not be affected by this adjustment. (Note)
- If your account has applied for a credit limit, it will not be affected by this adjustment. You can consult your business contact to confirm the credit status.

Comparison Before and After Adjustment

- Before Adjustment: Account overdue and still not corrected after 2 hours, if there is a CDN resource package, continue acceleration service.
- After adjustment: If the account is overdue and still not corrected after 2 hours, the acceleration service will be stopped regardless of whether there is a CDN resource package. For more details, see "[Payment Overdue](#)".

Business Scenario	Before Adjustment	After Adjustment
account overdue and not corrected within 2 hours	<ul style="list-style-type: none"> • If your account has a CDN traffic package within China and a traffic package for all billing regions outside China, and both have a deductible balance, your domain will not be stopped before the traffic package is exhausted. • If your account only has a CDN traffic package within China that can be deducted: <ul style="list-style-type: none"> ○ Domain names accelerated within China will not be stopped before the traffic package is exhausted. ○ Domain names accelerated outside China will be stopped. ○ For global domains, the acceleration region within China will not be stopped. However, services outside China will be stopped, and overseas requests will be rejected, resulting in a 404 status code. • If your account has valid traffic packages for all billing regions outside China, including Asia Pacific 1, Asia Pacific 2, Asia Pacific 3, North America, Europe, South America, Middle East, and Africa: <ul style="list-style-type: none"> ○ Domain names accelerated outside of China will not be stopped from service. ○ Domain names accelerated within China will be stopped. ○ For domain names accelerated globally, services outside China will not be stopped. However, services within China 	Regardless of whether you have a CDN traffic package, your domain name will be stopped from acceleration service. The system will restore acceleration service after your account is corrected.

	will be stopped, and domestic requests will be rejected with a 404 status code.	
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FAQs

Is My Account Affected If It Is Billed By Traffic But I Have Not Purchased A CDN Traffic Package

If your account does not have a CDN traffic package and remains in arrears for more than 2 hours, the CDN acceleration service will be stopped. This adjustment will not have a direct impact.

Is My Account Billed by Bandwidth Affected

If your account is billed by bandwidth and remains in arrears for more than 2 hours, the CDN acceleration service will be stopped (except for accounts with credit). This adjustment will not have an impact.

My Account Is Currently in Overdue Status, but the CDN Traffic Package Is Not Exhausted, Will It Be Affected

If your account is in overdue status and remains uncorrected for more than 2 hours but the CDN traffic package has not been stopped, it is recommended that you recharge and correct your account as soon as possible. The system will process this in batches after April 24. We will notify you again via SMS after April 24 to recharge and correct your account, and give a certain amount of time (subject to the SMS notification). If you fail to recharge within the given time, your acceleration service will be stopped.

My Account Does Not Have a CDN Traffic Package but Has an HTTPS Request Package, Will It Be Affected

This Adjustment Is Mainly No Longer Based on Whether the Account Has a CDN Traffic Package to Decide Whether to Stop the Acceleration Service and Has No Direct Relationship with Whether There Is an HTTPS Request Package.

Notification on Adjusting Free HTTPS Quota to Free HTTPS Request Package

Last updated: 2024-12-31 17:26:31

To enhance customer experience, Tencent Cloud Content Delivery Network (CDN) plans to adjust the monthly free quota of 3 million HTTPS requests to a free package of 3 million HTTPS requests starting from April 24, 2024. The product will be adjusted in batches, and the actual adjustment time will be notified separately. This adjustment is only an adjustment of product resource form, you do not need to take any action, and there will be no impact on your use.

Adjustment time

Starting from April 24, 2024, the system will adjust and convert in batches according to users, and the adjustment time will be subject to actual notification.

Free Package Description

Specification (10,000 Requests)	Validity Period (Months)
300	1

Usage Rules Note:

- The validity period of the free package is one month, effective from 00:00 on the 1st of each month, and expires at 23:59 on the last day of each month. Unused at expiration will automatically expire.
- The free package will automatically expire after expiration, non-refundable, and non-extendable.
- The system will automatically issue the next month's free package in advance at the end of each month, and it will be available in the next month.

Distribution Scheme

- Distribution target: valid CDN users, i.e., your account has online accelerated domain names.
- Distribution method:
 - First adjustment distribution, the system will automatically distribute in batches, subject to notification.
 - After adjusting to the free package, the system will distribute the next month's free package at the end of each month, which will be available next month.

Precautions:

- Ensure your account is not in arrears when the free package is distributed. If your account is in arrears (negative balance, credit account cannot exceed limit), the distribution will fail. You need to correct the account within 7 days and use order management to pay 0 CNY to receive this HTTPS request free package.
- If you have currently Activated CDN but are not using it, you are not included in this adjustment distribution scope. When you resume using Tencent Cloud CDN, you can submit a ticket to feedback to receive the HTTPS free package to [Online Customer Service](#).

FAQs

What Is The Purpose Of This Adjustment And Will It Affect The Free Quota

The purpose of this adjustment is mainly to enhance customer experience by converting the free quota into a free HTTPS request package. You can directly see the usage of the free quota in the resource package management of the CDN control. The monthly HTTPS free quota remains 3 million. Essentially, there is no impact on the free policy, only the presentation form has been adjusted.

What Is The Specific Adjustment Time

This adjustment is carried out in batches as planned, with the overall plan starting from April 24. Your account adjustment time will be notified via SMS, please pay attention.

I Have Already Purchased An HTTPS Request Package, Will The Deduction Be Affected

Free HTTPS request packages will be priority deduction. If your account has already purchased HTTPS request packages, it will not cause the paid ones to be used first.

Will My Account Be Affected If It Is Currently In Overdue Status

- On the adjustment day, if your account is already in overdue status, the adjustment will fail. The system will notify you of the failure and convert it to unpaid orders. You need to correct it within 7 days and manually pay 0 CNY for the HTTPS free package in the order management center. After 7 days, the order cannot be paid. To avoid this situation, ensure your account balance is greater than 0.
- If you do not correct your account within 7 days and fail to claim the HTTPS free package, your account adjustment will fail, resulting in the inability to enjoy the monthly quota of 3 million free HTTPS requests. If you have corresponding needs later, please submit a ticket to [Online Customer Service](#) for feedback, and we will distribute it to you.

Will My Account Receive A Free HTTPS Request Package If It Is Not Using CDN

This adjustment will mainly be based on whether there are online domains in the CDN account. If you do not have CDN online domains during the adjustment, you will not be included in the adjustment scope, resulting in the inability to enjoy the monthly quota of 3 million free HTTPS request packages. If you reuse CDN later, please submit a ticket to [Online Customer Service](#) for feedback, and we will distribute it to you.

Will My Account Receive A Free HTTPS Request Package If Activated After April 24

If Your Account Activated CDN After April 24, The System Will Automatically Distribute A Free HTTPS Request Package.

Announcement on Unified Overdue Protection Period for CDN Users

Last updated: 2024-12-31 17:26:42

Adjustment Description

To enhance customer experience and reduce the risk of high bills caused by attacks, the overdue service suspension buffer period for new monthly billing users from December 5, 2023, will be adjusted from **24 hours** to **2 hours**. If the overdue amount is not topped up within 2 hours, the acceleration service will be stopped.

Adjustment time

10:00 AM, December 5, 2023

Impact

New monthly billing CDN users from December 5, 2023, and onwards, including Content Delivery Network (CDN) and Enterprise Content Delivery Network (ECDN).

- If your account is billed hourly, the current grace period is already 2 hours and will not be affected by this adjustment.
- If your account is already billed monthly and the transition to monthly billing was before December 5, 2023, the 24-hour grace period will remain unchanged and will not be affected by this adjustment.
- If your account has applied for a credit limit, it will not be affected by this adjustment. You can consult your business contact to confirm the credit status.
- If your account has purchased a CDN resource package, please refer to the explanation of service suspension due to overdue for accounts with resource packages [CDN Billing Explanation](#).

FAQ

Q: How can I check if my account is billed hourly or monthly?

A: In the [Service Overview](#) menu of the CDN console, check the billing method on the right side.



If either China (all regions) or overseas (multiple regions) is billed monthly, then you are a monthly billing customer.

Q: My account is already on monthly billing. How can I check the time of switching to monthly billing?

A: You can consult your business contact for the time of switching to monthly billing. You can also check and download the November 2023 bill. If the bill is for monthly billing, then the switch should be made before December 5, 2023, and it will not be affected by this adjustment.

Q: Can I continue using the service during the overdue protection period?

A: During the overdue protection period, you can continue using the service, but the generated usage during this period will still be billed. If you do not settle the account by the end of the overdue protection period, the acceleration service will be stopped.

Q: Can I apply for an extension of the overdue protection period?

A: Sorry, the overdue protection period cannot be extended. If you need this, you can contact your business representative to apply for a credit limit to avoid service impact due to overdue suspension. The credit limit will be evaluated and approved based on your account.

CDN HTTPS Request Count Billing Announcement

Last updated: 2024-12-31 17:24:57

Adjustment Description

Tencent Cloud CDN product will add value-added service billing for HTTPS request count, pricing as follows:

HTTPS Request Count (Ten Thousand)	Price (CNY/Ten Thousand)
0 – 300 (Inclusive)	Free
Over 300	0.05

- Each account has a free quota of 3 million HTTPS requests per month. The CDN product only charges for HTTPS requests that exceed the free quota, with a price of 0.05 CNY per 10,000 requests.
- The free quota is valid within each calendar month. The unused portion will expire at 00:00 on the 1st of the next month, and a new free quota of 3 million requests will be granted.
- Example 1: If you enable the CDN product's HTTPS service on September 6 and generate a total of 2 million HTTPS requests from September 6 to September 30, the cost for HTTPS requests in September will be 0 since it did not exceed the free quota. The remaining unused 1 million requests from the free quota will expire at 00:00 on October 1, and a new free quota of 3 million requests will be granted.
- Example 2: If you enable the CDN product's HTTPS service on September 6 and generate a total of 4 million HTTPS requests from September 6 to September 30, 3 million requests will be within the free quota and not charged. The excess 1 million requests will be charged at 0.05 CNY per 10,000 requests, resulting in a cost of 5 CNY for HTTPS requests in September. A new free quota of 3 million requests will be granted at 00:00 on October 1.

Adjustment Scope

The acceleration type is the HTTPS request count generated by domain names of the Content Delivery Network (CDN), excluding domain names of the Enterprise Content Delivery Network (ECDN):

Acceleration type		Whether HTTPS Fees Are Charged
Content Delivery Network (CDN)	CDN Web Page Small Files	Yes
Content Delivery Network (CDN)	CDN Download Large Files	Yes
Content Delivery Network (CDN)	CDN Audio and Video on Demand	Yes
Enterprise Content Delivery Network ECDN	ECDN Dynamic and Static Acceleration	No
Enterprise Content Delivery Network ECDN	ECDN Dynamic Acceleration	No

You can view the acceleration type to which the domain belongs in the domain name list, as shown below:

域名	加速类型	状态	CNAME	接入方式	服务地域	操作
<input type="checkbox"/> blog. .cn	CDN 网页小文件	✔ 已启动	blog. .dnsv1.com.cn	自有源	中国境内	管理 推荐配置 复制配置 更多
<input type="checkbox"/> t3. .cn	CDN 网页小文件	✔ 已启动	t3. .dnsv1.com.cn	自有源	中国境内	管理 推荐配置 复制配置 更多

Adjustment time

From 00:00:00 on January 5, 2023, Beijing Time.

Bill Impact

Users of CDN products who enable HTTPS service will incur HTTPS request fees, including hourly billing and monthly billing users. The incurred fees can be checked through the bill:

1. Hourly Billing Users: The hourly billing statement only shows the paid HTTPS request count. The free quota of HTTPS requests and fees are not reflected in the bill.
2. Monthly Billing Users: The monthly billing statement shows both the free quota of HTTPS requests and the paid HTTPS request count and fees.

All users can query the total number of HTTPS requests (including both free and paid requests) generated within a time period in the "CDN total requests" service overview on the console.

FAQ

For more frequently asked questions about HTTPS billing, please refer to [FAQs about HTTPS Billing](#).

Tool Usage Guide for CDN Migration to EdgeOne

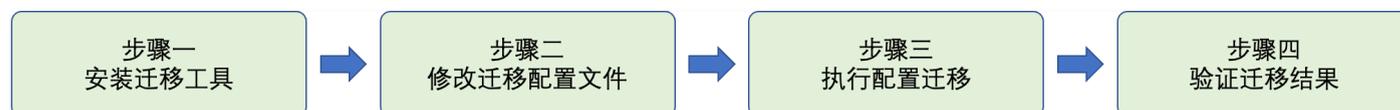
Last updated: 2024-12-31 17:24:46

Overview

This tool supports bulk migration of domain configurations already integrated into Tencent Cloud [Content Delivery Network \(CDN\)](#) service to Tencent Cloud [EdgeOne](#) service, including integrated CDN/ECDN/SCDN domains. You can use this tool to quickly migrate current domain configurations to the EdgeOne service.

Note:

- Note: This tool serves as a configuration migration assistant. After migration, please check the migration result logs and go to the EdgeOne product console to confirm whether the relevant configurations have been completely migrated to EdgeOne and are expected to take effect.
- Note: This tool does not support the migration of special configurations assisted by Tencent Cloud's manual operation. If you have such special configuration needs, please contact Tencent Cloud after-sales support for reconfiguration after the migration is complete.
- Note: Data and logs will not be migrated. If you need to retain data and logs, please save them locally in advance.



Prerequisites

- Node.js version 10.0.0 or above installed
- Created TencentCloud API key in the Tencent Cloud console and obtained the corresponding SecretId and SecretKey. You can get it from [Cloud Access Management > Access Keys > API Key Management](#).
- Refer to [Quick Start from Scratch to Quickly Access EdgeOne](#) to create the domain site to be migrated. It is recommended to use the CNAME access method to create the site.

User Guide

Examples

Currently, the accelerated domain names `www.example.com`, `test.example.com`, and `vod.example.com` have been accessed in Tencent Cloud CDN, and the site `example.com` has been created in Tencent Cloud EdgeOne service. The plan is to migrate the services and related configurations of these three domain names in CDN to the corresponding site in the EdgeOne console.

Operation Steps

Step 1: Installing environmental dependencies and migration tool

- Install [nodejs](#), it is recommended to download and install version 18.18.2.
- After installation, open the command line tool.
- (Optional) Run the following command to check the node installation. If it returns the version number, the installation is successful.

```
node -v
v18.18.2
```

- (Optional) Run the following command to check the npm installation. If it returns the version number, the installation is successful.

```
npm -v
9.6.7
```

- Run the following command to download and install this toolkit.

```
npm install tencentcloud-edgeone-migration-nodejs-v2
```

- Run the following command to access the tool installation directory.

```
cd ./node_modules/tencentcloud-edgeone-migration-nodejs-v2
```

Step 2: Migrating the configuration

- After the installation is complete, go to the root directory of the toolkit installed in Step 1 (i.e., `/node_modules/tencentcloud-edgeone-migration-nodejs/`), where you can find the `config.json` file. Open this file and modify the relevant migration configurations. The parameter configuration instructions are as follows:
 - SecretId, SecretKey:** The Tencent Cloud account TencentCloud API key information to be migrated can be obtained from [Tencent Cloud CAM > Access Key > API Key Management](#).
 - AppID:** The Tencent Cloud account ID to be migrated can be viewed and obtained from [Account Information > Basic Information](#) in the console.
 - Domains:** In array format, domains to be migrated for CDN, can be viewed in [Tencent Cloud Content Delivery Network CDN > Domain Name Management](#).
 - ZoneId:** In string format, the corresponding ID of the site to be migrated to Tencent Cloud EdgeOne. It can be obtained from [Tencent Cloud EdgeOne > Site List](#), as shown below:

example.com	CNAME	全球可用区 (不含中国大陆)	已启用	企业版 / edgeone-	-	停用 删除 更多 ▾
站点ID: zone-2dqj0sbt6gk2						

- NeedCreateDomain:** Boolean value, whether to automatically create a new domain after migrating to EdgeOne. The default is true. If the domain already exists, you can pass false to only migrate the configuration, facilitating multiple operations for the same domain configuration migration.

The configuration example is as follows:

Migrating a Single Site

```
{
  "SecretId": "xxx",
  "SecretKey": "xxx",
  "AppId": "xxx",
  "List": [
    {
      "Domains": [
        "www.example.com",
        "test.example.com",
        "vod.example.com"
      ],
      "ZoneId": "zone-2nrr03d36xmk"
    }
  ],
}
```

```
"NeedCreateDomain": true
}
```

Migrating Multiple Sites

```
{
  "SecretId": "xxx",
  "SecretKey": "xxx",
  "List": [
    {
      "Domains": [
        "www.example.com",
        "test.example.com",
        "vod.example.com"
      ],
      "ZoneId": "zone-2nrr03d36xmk"
    },
    {
      "Domains": [
        "www.site.com",
        "test.site.com",
        "vod.site.com"
      ],
      "ZoneId": "zone-2dqi0sbt6gk2"
    }
  ],
  "NeedCreateDomain": true
}
```

Note:

1. Before using this tool, you need to create the corresponding site in the EdgeOne console, otherwise, it cannot migrate. This tool cannot create sites, it can only create domains under a site.
2. EdgeOne manages domains at the site level using the root domain. If you have multiple domains and the main domain is not the same, you need to create multiple sites.

Step 3: Executing the configuration migration

3.1 Migrating CDN/ECDN acceleration configurations

For details on CDN/ECDN acceleration configurations that can be migrated using this tool, see: [CDN/ECDN Acceleration Configurations Migratable by Tool](#).

1. Execute the command: `node task.js` to start the configuration migration. This command is used to migrate CDN/ECDN acceleration configurations.

```
node task.js
```

2. (Optional) If you have configured [IP Blocklist/Allowlist Configuration](#), [Hotlink Protection](#), or [UA Blocklist/Allowlist Configuration](#) for your current domain in the console, you can continue with the following steps to migrate the configurations.

Execute the command: `node check.js` to check if the current domain has been deployed in EdgeOne.

```
node check.js
```

After the domain deployment is complete, execute the command: `node access.js` to migrate the related access control configurations.

```
node access.js
```

3.2 Migrating SCDN configurations

If the domain you need to migrate has enabled SCDN security protection, you can continue the migration by following the steps below after completing Step 3.1. For details on the SCDN configurations that can be migrated using this tool, see: [SCDN Configurations Migratable by Tool](#).

1. Execute the command: `node check.js` to check if the current domain has been deployed in EdgeOne.

```
node check.js
```

2. After the domain deployment is complete, execute the command: `node scdntask.js` to start migrating security-related configurations. This command is used to migrate the IP allowlist/blocklist, Hotlink protection, UA allowlist/blocklist configurations, and the Web firewall rules and DDoS single-point rate limiting rules in SCDN security protection.

```
node scdntask.js
```

Step 4: Post-migration verification

Note:

After completing the domain migration using this tool, please go to the Tencent Cloud EdgeOne console to check if the site's acceleration configuration, rule engine configuration, and security protection configuration for the domain meet your expectations. After completing the configuration verification, switch the acceleration service of the related domain to Tencent Cloud EdgeOne.

Viewing configuration migration results

After the migration tool finishes running, a csv file (`report-${timestamp}.csv`) will be generated in the local directory of the migration tool, recording the running results. You can refer to this file to check whether the migration was successful or the specific reasons for any exceptions encountered.

Verifying the configuration effectiveness

After the migration is complete, it is recommended to verify whether the domain access meets expectations. After verification, switch the related services to EdgeOne.

Note:

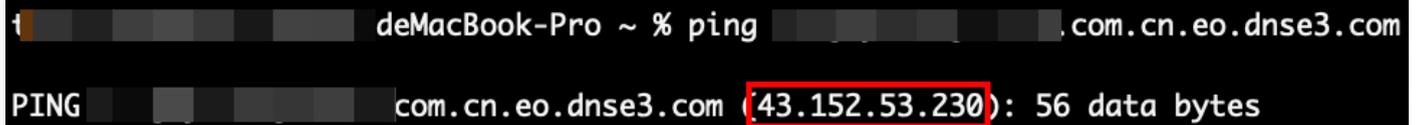
If your current site is accessed via CNAME, you can refer to the following method for verification. If it is accessed via NS, you can directly [switch NS servers](#) for verification.

- Go to the [EdgeOne](#) console, click on the site list in the console, and enter the site of the currently migrated domain.
- Click **Domain Service > Domain Name Management**, find the migrated domain, and view the EdgeOne assigned CNAME information for the domain. For example: `www.example.com.eo.dnse3.com`.

加速域名	拓展服务	源站类型	源站配置	状态	CNAME	HTTPS 证书	操作
<input type="checkbox"/> [domain].com.cn	<input checked="" type="checkbox"/>	IP/域名	[config]	请配置 CNAME	[domain].com.cn.eo.dnse3.com	未配置	编辑 停用 删除

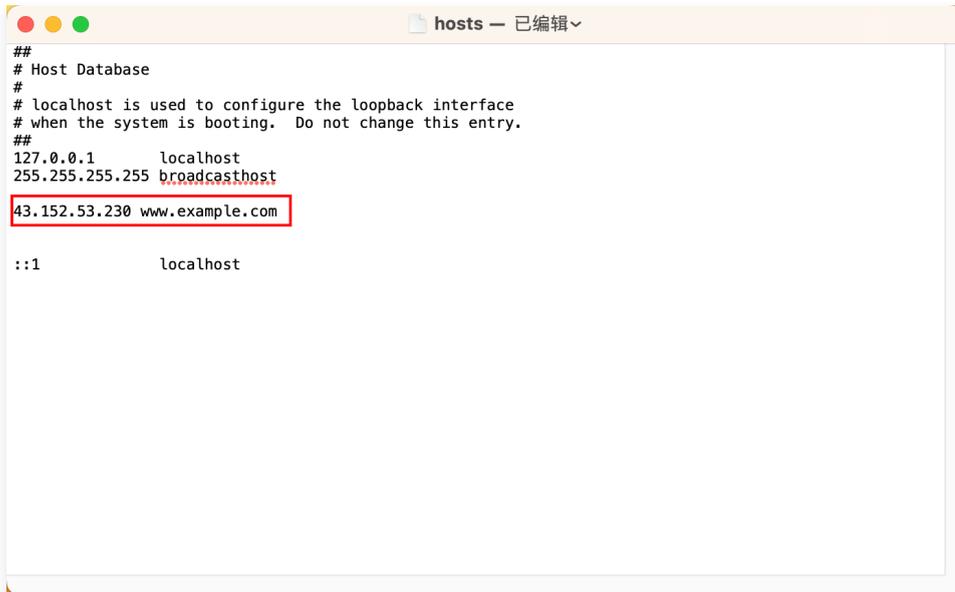
3. To obtain the node IP information assigned by the EdgeOne platform for the domain, you can enter

`ping www.example.com.eo.dnse3.com` in the command line tool to view the returned node IP.



```
deMacBook-Pro ~ % ping www.example.com.cn.eo.dnse3.com
PING www.example.com.cn.eo.dnse3.com (43.152.53.230): 56 data bytes
```

4. Bind the node IP (43.152.53.230) obtained in step 3 and the accelerated domain name (`www.example.com`) to the local hosts file on your computer as follows:



```
hosts — 已编辑
##
# Host Database
#
# localhost is used to configure the loopback interface
# when the system is booting. Do not change this entry.
##
127.0.0.1 localhost
255.255.255.255 broadcasthost
43.152.53.230 www.example.com
::1 localhost
```

Note:

The windows system hosts file path is `C:\Windows\System32\drivers\etc\hosts` .
The mac system hosts file path is `/etc/` .

5. Access popular URL content under the domain to verify if the corresponding domain service meets the pre-migration tool's migratable configuration comparison.

Related References

<Migrating and Configuring CDN/ECDN Acceleration Tools

CDN Configuration		Configuration After Migration to EdgeOne
Basic info	Acceleration type	No need to migrate, EdgeOne no longer distinguishes acceleration types
	IPv6 Access	Domain-level configuration migrated to EO.
	Tag	Does not support tool automatic migration. Please configure tags for the site when creating the site or on the site list page.
Origin Server Information	Self-owned origin server	Migrate to the Origin Group List .
	COS origin server	Migrate to the Origin Group List .
	IGTM multi-active origin server	Migrate the domain with IGTM multi-active origin to the origin server information of the corresponding domain in EO.
	Third-party	Does not support tool automatic migration. Please configure it in the Origin

	storage	Group List after migration.
	hot backup origin server	Migration not supported for now. After migration, please go to EdgeOne Cloud Load Balancer (whitelisting required) for configuration.
Access Control	Hotlink Protection	Migrate to Web Protection – Custom Rules to generate basic access control rules.
	IP Blocklist/Allowlist Configuration	Migrate to Web Protection – Custom Rules to generate basic access control rules.
	IP Access Frequency Configuration	EdgeOne does not support automatic migration for now. After domain migration, please go to EdgeOne Web Protection Rate Limiting for settings.
	Authentication Configuration	Migrate to Rule Engine . For feature introduction, refer to: Token Authentication .
	UA Blocklist/Allowlist Configuration	Migrate to Web Protection – Custom Rules to generate basic access control rules.
	Downstream Speed Limit Configuration	This feature is not supported by EdgeOne for now.
	Access Port Configuration	No need to migrate, ports 80, 8080, and 443 are enabled by default.
	Remote Authentication	Migration is not supported. After migration, you can configure it yourself through Edge Functions. Refer to the documentation: Remote Authentication
Cache configuration	Cache Key Rule Configuration	Migrate to Rule Engine . For feature introduction, refer to: Custom Cache Key
	<Node Cache Expiration Configuration>	Migrate to Rule Engine . For feature introduction, refer to: Node Cache TTL
	Browser Cache Validity Configuration	Migrate to Rule Engine . For feature introduction, refer to: Browser Cache TTL
	Status Code Cache	Migrate to Rule Engine . For feature introduction, refer to: Status Code Cache TTL
	HTTP Header Cache Configuration	No need to migrate, enabled by default.
	Access URL Rewrite Configuration	Migrate to Rule Engine . For feature introduction, refer to: Access URL Rewrite
Origin-pull configuration	Merge Back to Source	This feature is not supported by EdgeOne for now.
	Range GETs Configuration	Migrate to Rule Engine for feature introduction. Refer to: Range GETs
	Origin HTTP Request Header	Migrate to Rule Engine . For feature introduction, refer to: Modifying HTTP Request Headers

	Configuration	
	Follow 301/302 configuration	Migrate to Rule Engine . For feature introduction, refer to: Redirect Following During Origin-Pull
	Origin-pull Timeout Configuration	Migrate to Rule Engine . For feature introduction, refer to: Origin-pull Timeout Configuration
	Origin URL Rewrite Configuration	Migrate to Rule Engine . For feature introduction, refer to: Origin URL Rewrite
	Origin-pull SNI Configuration	No migration needed. When the origin protocol is HTTPS, the origin-pull SNI configuration is enabled by default.
HTTPS Configuration	HTTPS Service	No migration needed. EdgeOne supports HTTPS service by default.
	HTTPS Configuration	If the current certificate is already hosted in SSL Certificates, migration configuration for the corresponding HTTPS certificate is supported.
	HTTP 2.0	Migrate to Rule Engine . For feature introduction, refer to: HTTP/2
	Forced Redirection	Migrate to Rule Engine . For feature introduction, refer to: Forced HTTPS Access Note: Only supports migration of HTTP request forced redirect to HTTPS
	HSTS Configuration	Migrate to Rule Engine . For feature introduction, refer to: Enabling HSTS
	TLS Version Configuration	Migrate to Rule Engine . For feature introduction, refer to: Configuring SSL/TLS Security
	OCSP Stapling	Migrate to Rule Engine . For feature introduction, refer to: Enabling OCSP Stapling
	QUIC	Migrate to Rule Engine . For feature introduction, refer to: Enable HTTP/3
Advanced Configuration	Custom Error Page	Migrate to Rule Engine . For feature introduction, refer to: Custom Error Page
	Usage limit configuration	Migrate to Usage Limit Policy
	SEO Configuration	This feature is not supported by EdgeOne for now.
	HTTP Response Header Configuration	Migrate to Rule Engine . For feature introduction, refer to: Modifying HTTP Node Response Headers
	Smart Compression	Migrate to Rule Engine . For feature introduction, refer to: Smart Compression Note: Only supports migration as enabled, does not support configuration file size range, compression range defaults to 256B – 30MB
	Offline Cache Configuration	Migrate to Rule Engine . For feature introduction, refer to: Browser Cache TTL
	POST Request Size Configuration	Migrate to Rule Engine . For feature introduction, refer to: Maximum Upload Size

Migrating SCDN Configuration Items Using Tools

SCDN Configuration	Configuration After Migration to EdgeOne
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Firewall Rule	<p>Migrate to Web Protection – Custom Rules according to the rule. When the condition matching rule includes the following cases, the rule does not support tool migration:</p> <ul style="list-style-type: none"> • Matching object is HTTP version, request parameters; • Matching object is application layer protocol, request method, matching method is not equal. Manual migration is required, as only equal is supported in EdgeOne; • Matching object is referer, URI, and the matching method is prefix matching. Migration is not supported. • Matching object is custom request header, and the matching method is non-existent or empty. Manual migration is required, as only one option is supported in EdgeOne.
DDoS Mitigation	<p>The single point rate limiting rule is migrated to Web Protection – Rate Limiting. When the condition matching rule includes the following cases, the rule does not support tool migration:</p> <ul style="list-style-type: none"> • Matching object is HTTP version, request parameters; • Matching object is application layer protocol, request method, matching method is not equal. Manual migration is required, as only equal is supported in EdgeOne; • Matching object is referer, URI, and the matching method is prefix matching. Migration is not supported. • Matching object is custom request header, and the matching method is non-existent or empty. Manual migration is required, as only one option is supported in EdgeOne.
WAF Protection – Protection Configuration	Does not support tool migration. Please configure it in the Web Protection – Managed Rules after migration
WAF Protection – Path Allowlist	Does not support tool migration. Please configure it in the Web Protection – Exception Rules after migration
Bot Crawler Protection	<p>For domains with Bot Crawler Protection enabled, migrating to EdgeOne will enable Bot Management by default and activate Bot Analytics.</p> <p>For other Bot Management rules, please refer to Bot Management for manual configuration after migration.</p>

Note:

Note: If your current plan is the Standard Edition, and the matching method does not support XFF, cookie, and custom request header, it is recommended to upgrade to the Enterprise Edition before migrating.

FAQs

Migration Configuration Issues

If the current domain is an ECDN acceleration domain and requires dynamic acceleration, how to configure it after migrating to EdgeOne

For domains with ECDN dynamic acceleration or ECDN dynamic-static acceleration, after migration, you need to manually enable [Smart Acceleration](#) to activate dynamic acceleration for the domain. This feature is a value-added service, and the related billing standards can be found at: [VAU Fee \(Pay-as-You-Go\)](#).

Handling HTTPS-related configuration migration failure tips

The following HTTPS-related configurations depend on the domain hosting certificate already uploaded in the [Tencent Cloud SSL Console](#). If you have not uploaded the certificate, automatic migration cannot be completed. You need to upload the HTTPS certificate to the Tencent Cloud SSL Console and configure it manually. Alternatively, change the configuration file parameter `NeedCreateDomain` to false in step 2, and then perform the migration again.

- [HTTPS forced redirect](#)
- [Enabling HTTP 2.0](#)
- [Quic](#)

- [OCSP stapling](#)
- [HSTS configuration](#)
- [TLS version](#)

Prompt during domain migration: The domain is being resolved. If you need to enable acceleration, go to the DNS record page to enable acceleration

If your current site is accessed via NS and you have imported the original DNS records, you may encounter this issue when the new domain already has a corresponding A record or CNAME record. To use tool migration, you can delete the resolution records of the corresponding domain in the EdgeOne console before migrating.

Note:

Note: If you have already switched your NS servers to EdgeOne, deleting DNS records may interrupt your domain access. You can switch the resolution back to the original domain name service provider and wait for all migrations to be ready before switching the NS servers back to EdgeOne to officially activate the service.

How to use the image optimization feature on EdgeOne for the current domain?

EdgeOne supports Image Processing capabilities and edge functions. You can refer to: [Adaptive Image Format Conversion via Edge Functions](#) or [Image Processing](#) to see how to achieve adaptive image optimization on EdgeOne.

How to configure regional independent settings for both domestic and international domains on EdgeOne?

Regional independent settings do not support tool migration. If your current domain has related configuration needs, please refer to using the [Rule Engine](#) for manual configuration migration.

FAQs About Product and Billing

What are the advantages of EdgeOne compared to CDN products

	CDN	EdgeOne
feature richness	pure acceleration without security capabilities	In addition to content distribution acceleration for domains, it provides anti-DDoS attack, CC attack prevention, as well as rich features like edge functions, layer 4 proxy, and DNS resolution
flexibility of configuration	Each domain is configured in the console according to configuration items, without flexible combination	Supports flexible configuration methods such as rule engine and edge functions, allowing custom edge origin rules and response rules based on requirements
OPS difficulty	Certificates need to be updated manually and maintained by domain	Supports automatic updates for free certificates, provides site-level configuration, and can distribute the configuration to multiple domain names with a single rule
Risk avoidance capability	Being attacked will incur excess traffic charges, with a high risk of being attacked	Billed based on post-cleaning traffic, no need to worry about high bills caused by attacks

What are the differences between EdgeOne billing and CDN billing? What is the payment method for migrating to EdgeOne

EdgeOne fees consist of basic service pricing and value-added service fees. Basic service pricing includes [plan cost](#) and [coverage fees outside the package](#). Value-added service fees include [VAU Fee](#), [Dedicated DDoS Mitigation Fee](#), and [Chinese mainland network optimization service fee](#). You can also check the [Billing Overview](#) for detailed billing methods.

Are there any discount activities for migrating to EdgeOne

You can visit [EdgeOne Special Offers](#) to view specific discount activities.

Can the remaining resource package in CDN be refunded after migration

Yes, after confirming the migration, if there are unused resource packages in CDN, you can apply for a refund. The refund amount will be proportional to the remaining balance of the resource package based on the total amount spent at the time of purchase. The total amount includes cash account balance, earnings transfer account balance, and gift account balance. Cash coupons/discount coupons used to purchase the resource package are non-refundable.

Refunding the SCDN package after migration if it is still within the validity period

Yes, after confirming the migration, if the current SCDN package is still within the validity period, you can apply for a refund. The refund amount will be proportional to the remaining validity period of the package based on the total amount spent at the time of purchase. The total amount includes cash account balance, earnings transfer account balance, and gift account balance. Cash coupons/discount coupons used at the time of purchase are non-refundable.