

# Alibaba Cloud CDN

## Product Updates

**Issue: 20191205**

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## Document conventions

Style	Description	Example
	A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 <b>Danger:</b> Resetting will result in the loss of user configuration data.
	A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 <b>Warning:</b> Restarting will cause business interruption. About 10 minutes are required to restart an instance.
	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 <b>Notice:</b> If the weight is set to 0, the server no longer receives new requests.
	A note indicates supplemental instructions, best practices, tips, and other content.	 <b>Note:</b> 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.
<b>Bold</b>	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> <code>Instance_ID</code>
[ ] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
<b><code>{}</code> or <code>{a b}</code></b>	<b>This format is used for a required value, where only one item can be selected.</b>	<code>switch {active stand}</code>



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# 1 Release notes

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This topic describes the release notes of Alibaba Cloud CDN features.

Feature change	Description	Release date	Support region	Reference
Added support for the IPv6 protocol	After IPv6 is enabled, IPv6 clients can access Alibaba Cloud CDN over IPv6. Alibaba Cloud CDN also includes the IPv6 information to access your origin server.	October, 2019	All	<a href="#">#unique_4</a>
Released the audio and video preview feature	Audio and video preview allows a CDN node to only return audio /video files of a specific length to the client.	October, 2019	All	<a href="#">#unique_5</a>
Released the audio extraction feature	With audio extraction enabled , a CDN node extracts audio data from a video file and then returns only the audio data to the client. This reduces network traffic usage.	September , 2019	All	<a href="#">#unique_6</a>
Added support for the QUIC protocol	The QUIC protocol is equally secure as TLS/SSL, with reduced connection and transmission latency. If you want to improve resource access efficiency and ensure data transmission security, enable the QUIC protocol.	August, 2019	All	<a href="#">#unique_7</a>
Released the Brotli compression feature	Brotli is a new open-source compression algorithm. This feature improves the download performance by about 15% to 25% compared with Gzip compression.	May, 2019	All	<a href="#">#unique_8</a>

Feature change	Description	Release date	Support region	Reference
Released the User-Agent blacklist and whitelist feature	This feature enables Alibaba Cloud CDN to control access based on the User-Agent request header. You can configure a User-Agent blacklist or whitelist to authenticate and authorize visitors. This feature helps to block malicious requests.	May, 2019	All	<a href="#">#unique_9</a>
Added support for changing the acceleration region in the Alibaba Cloud CDN console	You can change the region for an accelerated domain in the Alibaba Cloud CDN console . With this feature, you can adjust the scope of your CDN service without submitting a ticket.	April, 2019	All	<a href="#">#unique_10</a>
Upgraded the CDN certificate center	The CDN certificate center was upgraded to allow you to configure certificates for one or more accelerated domains at one time.	March, 2019	All	None
Added support for the origin SNI setting	Server Name Indication (SNI ) specifies the name of the domain that is requested, allowing the server to correctly return the corresponding certificate for the specified domain.	March, 2019	All	<a href="#">#unique_11</a>

Feature change	Description	Release date	Support region	Reference
Added the support for TLS version and HSTS management.	<ul style="list-style-type: none"> <li>After a Transport Layer Security (TLS) protocol version is enabled, the TLS handshake is enabled for the accelerated domain.</li> <li>HTTP Strict Transport Security (HSTS) is used to force clients (such as browsers) to use HTTPS to establish connections to the server.</li> </ul>	November , 2018	All	<ul style="list-style-type: none"> <li><a href="#">#unique_12</a></li> <li><a href="#">#unique_13</a></li> </ul>
Released the real-time log delivery feature	CDN integrates with Log Service to push logs to Log Service in real time for further analysis.	October, 2018	All	N/A
Released a new API version for Alibaba Cloud CDN	We will stop maintaining the former API version soon. We recommend that you use the new API version. For more information, see <a href="#">#unique_14</a> .	September , 2018	All	<a href="#">Overview of the new API version</a>
Released a new version of the Alibaba Cloud CDN console	The new version of the Alibaba Cloud CDN console not only allows you to complete basic operations such as domain name configuration, but also provides resource monitoring services for real-time data analysis. You can also learn about your billing information and change the billing method at any time.	July, 2018	All	<a href="#">#unique_16</a>

Feature change	Description	Release date	Support region	Reference
Launched two sub-products of Alibaba Cloud CDN : Dynamic Route for CDN (DCDN) and Secure Content Delivery Network (SCDN)	<ul style="list-style-type: none"> <li>DCDN is built on Alibaba Cloud CDN to accelerate content distribution from applications and sites. These sites distribute only dynamic content, or distribute both dynamic and static content.</li> <li>SCDN is a CDN service that features optimum content protection capabilities.</li> </ul>	August, 2017	All	None
Added a new billing method: subscription-based data transfer plan	You are charged based on annual subscription. You can make a one-off payment and use the data transfer plan immediately after the payment . The amount of data that exceeds the quota is billed on a pay-as-you-go basis.	February, 2016	All	<a href="#">CDN data transfer plans</a>
Added support for configuring cache settings and specifying priorities in case of multiple origins	You can configure cache expiration rules for resources of a specific file type or in a specific directory. For each expiration rule, you can specify a time-to-live (TTL) value for the cached resources and set the priority of the rule.	October, 2015	All	<a href="#">#unique_17</a>

Feature change	Description	Release date	Support region	Reference
Added support for customizing HTTP response headers	Currently, Alibaba Cloud provides 10 HTTP response headers for you to customize.	August, 2015	All	<a href="#">#unique_18</a>
Officially launched Alibaba Cloud CDN	Alibaba Cloud Content Delivery Network (CDN) is a distributed network built over the transport network and contains edge node clusters deployed in different regions. Alibaba Cloud CDN reduces workloads from origins to prevent network congestion. You can use Alibaba Cloud CDN to accelerate website content delivery in different regions or scenarios.	March, 2014	All	<a href="#">#unique_19</a>