

KafkaBridge Client Auth Config

Log into your AWS account, go to "Services", find "CloudFront" and click "Create Distribution" in the top left corner.



In the "Create Distribution" page, configure as follows:

Origin: Enter the "Our Service URL" provided in our console into the "origin domain".

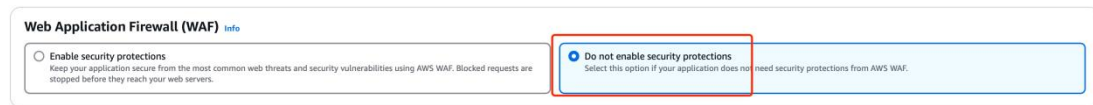
Protocol: Select "HTTP only".

A screenshot of the 'Create distribution' page in the AWS CloudFront console. The 'Origin' section has 'rawdata.dlink.cloud' in the 'Origin domain' field and 'Our Service URL' in the 'Origin path' field. The 'Protocol' is set to 'HTTP only'. The 'HTTP port' is set to '80'. The 'Origin path - optional' field is empty. The 'Name' field is set to 'rawdata.dlink.cloud'. The 'Add custom header - optional' section has an 'Add header' button. The 'Enable Origin Shield' section has 'No' selected. The 'Additional settings' section is collapsed.

Under "Default Cache Behavior", set the "Cache Policy" to "CachingDisabled". All other configurations can be left at their default settings.

A screenshot of the 'Cache key and origin requests' section in the AWS CloudFront console. The 'Cache policy and origin request policy (recommended)' radio button is selected. The 'Cache policy' dropdown is set to 'CachingDisabled'. The 'Origin request policy - optional' dropdown is set to 'AllViewer'. The 'Response headers policy - optional' dropdown is set to 'Select response headers'. The 'Additional settings' section is collapsed.

Web Application Firewall (WAF): Select "Do not enable security protections" to keep WAF turned off.



Web Application Firewall (WAF) [info](#)

☐ Enable security protections
Keep your application secure from the most common web threats and security vulnerabilities using AWS WAF. Blocked requests are stopped before they reach your web servers.

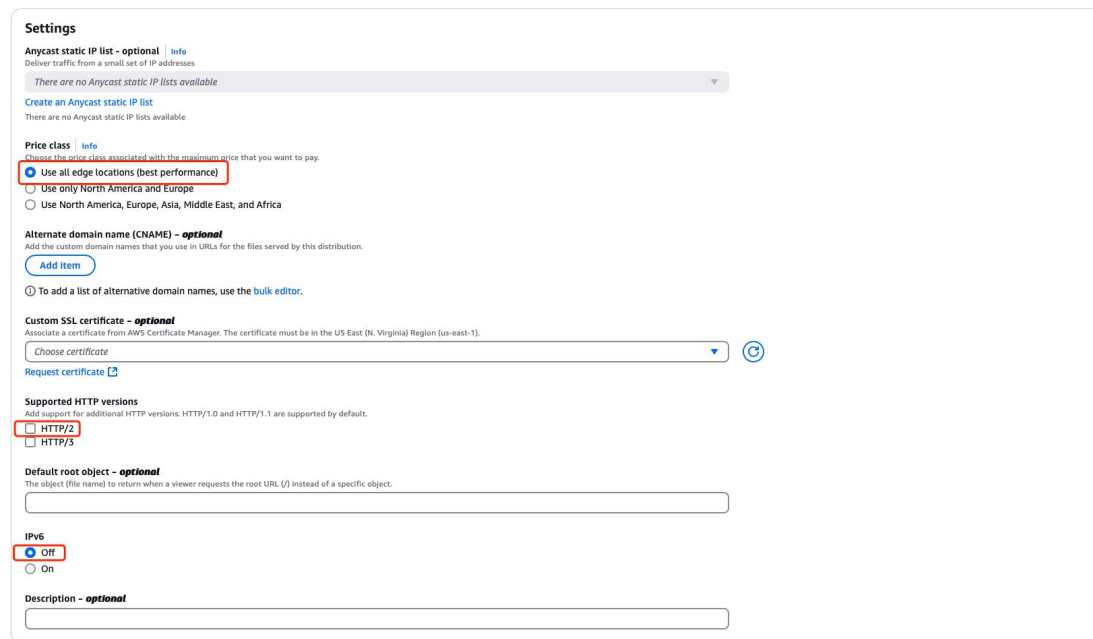
☒ Do not enable security protections
Select this option if your application does not need security protections from AWS WAF.

Settings:

For "Price Class" select "Use all edge locations(best performance)".

Under "Supported HTTP versions" deselect HTTP/2.

Set "IPv6" to "Off"



Settings

Anycast static IP list - optional [info](#)
Deliver traffic from a small set of IP addresses
There are no Anycast static IP lists available
[Create an Anycast static IP list](#)
There are no Anycast static IP lists available

Price class [info](#)
Choose the price class associated with the maximum price that you want to pay.
☒ Use all edge locations (best performance)
☐ Use only North America and Europe
☐ Use North America, Europe, Asia, Middle East, and Africa

Alternate domain name (CNAME) - optional
Add the custom domain names that you use in URLs for the files served by this distribution.
[Add Item](#)
To add a list of alternative domain names, use the [bulk editor](#).

Custom SSL certificate - optional
Associate a certificate from AWS Certificate Manager. The certificate must be in the US East (N. Virginia) Region (us-east-1).
[Choose certificate](#) [Request certificate](#)

Supported HTTP versions
Add support for additional HTTP versions. HTTP/1.0 and HTTP/1.1 are supported by default.
☒ HTTP/2
☐ HTTP/3

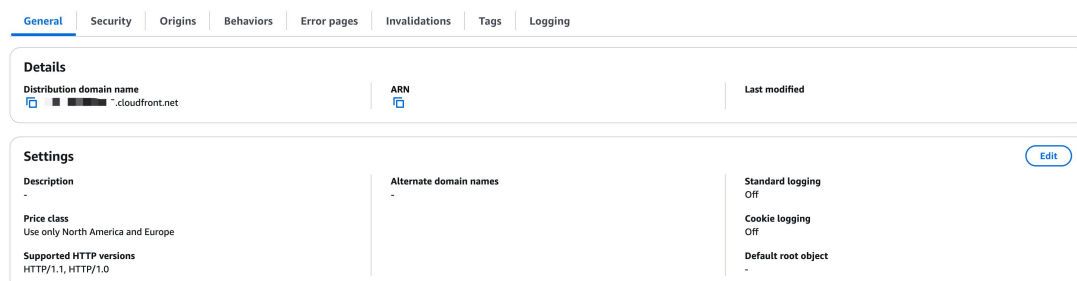
Default root object - optional
The object (file name) to return when a viewer requests the root URL (/) instead of a specific object.

IPv6
☒ Off
☐ On

Description - optional

Once all the above settings are configured, click on the "Create distribution" button at the bottom right of the page to complete the creation process.

After creation is complete, copy the "Distribution Domain Name". Then replace the {kafka2http server addr/domain} in the _M.kafka_uri with this domain name. The configuration file is located at /usr/local/openresty/lualib/koala/kafka/config.lua on your server (it's Client System for us)



[General](#) | [Security](#) | [Origins](#) | [Behaviors](#) | [Error pages](#) | [Invalidations](#) | [Tags](#) | [Logging](#)

Details

Distribution domain name: [d111111abcdef8.cloudfront.net](#) | ARN: [arn:aws:cloudfront::123456789012:distribution/d111111abcdef8](#) | Last modified: 12/12/2023 10:10:10 AM

Settings [Edit](#)

Description
-

Price class
Use only North America and Europe

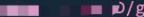
Supported HTTP versions
HTTP/1.1, HTTP/1.0

Alternate domain names
-

Standard logging
Off

Cookie logging
Off

Default root object
-

```
local _M = {}  
  
_M.loop_time = 10  
  
_M.kafka_uri = "http://{kafka2http server addr/domain}/kafka/   /get.txt"
```

Please note that after setting up CloudFront, it is necessary to retrieve the Authorization Token from the DLink console(Console > App Setting > Postback). This token should then be entered as the value for `_M.token = "your_authorization_token_here"` in the `nginx.conf` configuration file of CLI OpenResty.

1. Log in to the Dlink console.
2. Navigate to the App Setting > Postback section.
3. Copy the Authorization Token provided by DLink.
4. Open the `nginx.conf` file of the CLI OpenResty.
5. Locate the `_M.token` configuration item.
6. Replace `"your_authorization_token_here"` with the Authorization Token you copied.
7. Save the file and reboot OpenResty to apply changes.

Sample Configuration in `nginx.conf`:

```
nginx
_M.token = "your_authorization_token_here"
```