



Amazon CloudFront (Version 2014-08-31)

Quick Reference Card

Revised: 9/19/2014

Basics

- **Example bucket name:**
mybucket.s3.amazonaws.com (bucket name must be DNS compatible)
- **Example distribution ID:**
EDFDVBD632BHDS5
- **Example of the fully qualified URI for a distribution:**
https://cloudfront.amazonaws.com/2014-08-31/distribution/EDFDVBD632BHDS5
- **Example Amazon CloudFront domain name:**
d111111abcdef8.cloudfront.net
- **Example of a link to an object using the Amazon CloudFront domain name:**
http://d111111abcdef8.cloudfront.net/images/image.jpg

Control API Actions

Schema:
https://cloudfront.amazonaws.com/doc/2014-08-31/AmazonCloudFrontCommon.xsd

Service endpoint:
https://cloudfront.amazonaws.com

Possible resources to act on and corresponding XML elements:

- **Web distributions:** distribution: <Distribution> and <DistributionConfig>
- **RTMP distributions:** streaming-distribution: <StreamingDistribution> and <StreamingDistributionConfig>
- **origin-access-identity (for private content):**
<CloudFrontOriginAccessIdentity> and <CloudFrontOriginAccessIdentityConfig>

The set of actions on web distributions, RTMP distributions, and origin access identities are very similar. Actions for web distributions are shown here as an example.

Actions on Web Distributions

Create a Web Distribution

Request syntax:
POST /2014-08-31/distribution HTTP/1.1
Host: cloudfront.amazonaws.com
[other required headers]

<DistributionConfig> element

Response syntax:
201 Created
Location: <URI of new dist>

<Distribution> element

List Your Web Distributions

Request syntax:
GET /2014-08-31/distribution HTTP/1.1
Host: cloudfront.amazonaws.com
[other required headers]

Response syntax:
200 OK

<DistributionList> element

Get Information About a Web Distribution

Request syntax:
GET /2014-08-31/distribution/<dist ID> HTTP/1.1
Host: cloudfront.amazonaws.com
[other required headers]

Response syntax:
200 OK
ETag: <ETag value>

<Distribution> element

Get the Configuration for a Web Distribution

Request syntax:
GET /2014-08-31/distribution/<dist ID>/config HTTP/1.1
Host: cloudfront.amazonaws.com
[other required headers]

Response syntax:
200 OK
ETag: <ETag value>

<DistributionConfig> element

Update the Configuration for a Web Distribution

Request syntax:
PUT /2014-08-31/distribution/<dist ID>/config HTTP/1.1
Host: cloudfront.amazonaws.com
If-Match: <ETag header value from GET response>
[other required headers]

<DistributionConfig> element

Response syntax:
200 OK
ETag: <ETag value>

<Distribution> element

Delete a Web Distribution

(Note: You must disable the distribution before deleting it)

Request syntax:
DELETE /2014-08-31/distribution/<dist ID> HTTP/1.1
Host: cloudfront.amazonaws.com
If-Match: <ETag header value from PUT or GET response>
[other required headers]

Response syntax:
204 No Content

For streaming:

The client player must include /cfx/st after the domain name in the path to the media file.
Example: rtmp://s5c39gqb8ow64r.cloudfront.net/cfx/st/mediafile.flv