JiangRenDevOps /
DevOpsNotes
Code Issues Pull requests 2 Actions Projects Security Ins

alcoholly7 Update CDN.md 5 months ago

78 lines (41 loc) · 2.31 KB

Preview Code Blame Raw

# Description

This is the hands-on for the Jiangren CDN project.

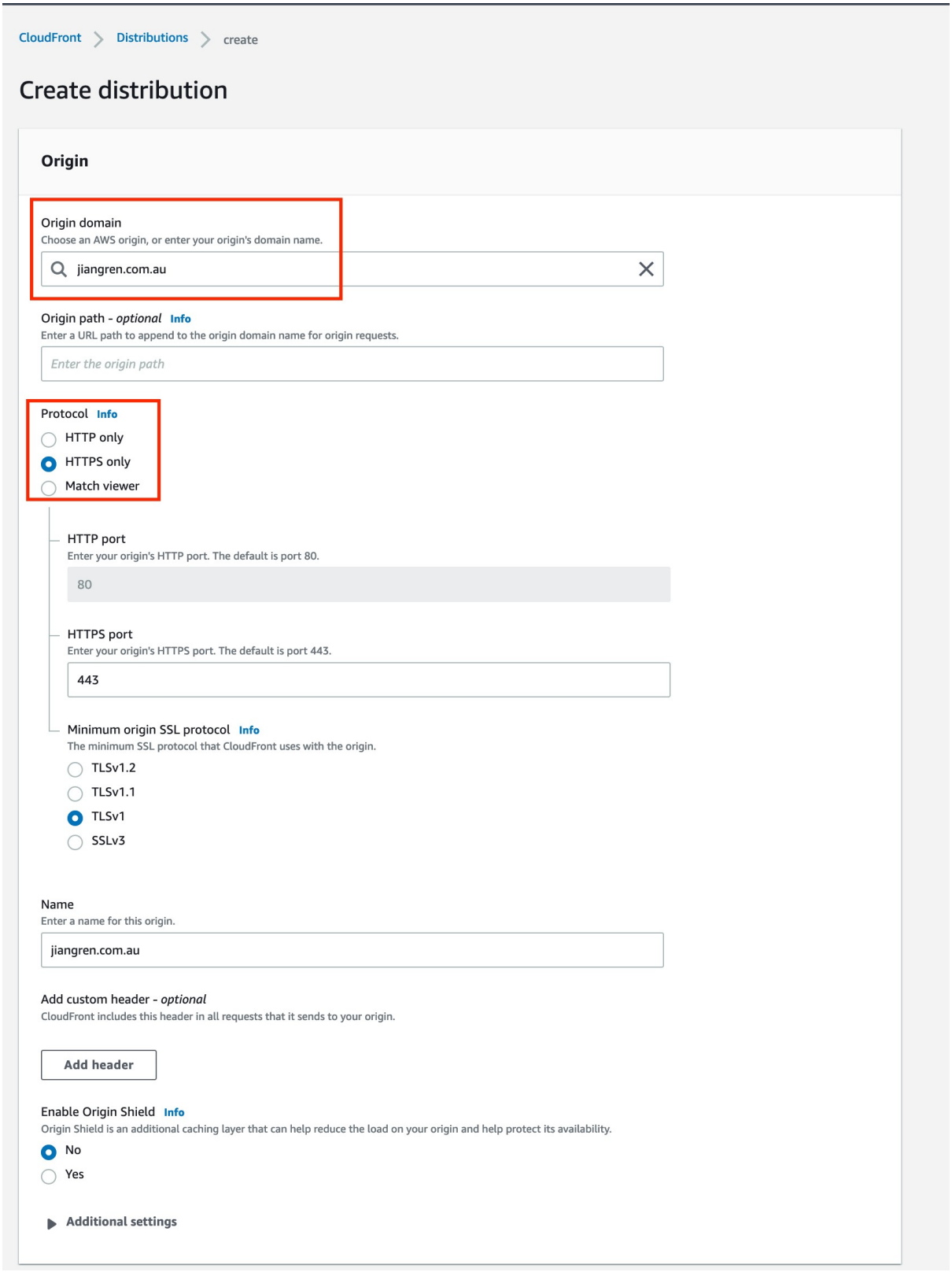
# Pre-requisite

- AWS Account

# Task 1: Create a CDN

1. Login to your AWS Cloudfront console: https://console.aws.amazon.com/cloudfront/home
2. Click "Create Distribution" button.
3. Click "Get Started" in the "Web" section.
4. In "Origin Domain name", input "jiangren.com.au"
5. In "Cache Policy", choose "CachingOptimized"
6. In "Web Application Firewall (WAF)", choose "Enable Security Protection"
7. Click "Create Distribution" button in the bottom right to create a Cloudfront distribution

8. Wait util the distribution status is "Deployed" (it takes about 10 minutes)
9. Open the domain name "e.g. xxx.cloudfront.net" to confirm you can get a jiangren website



# Task 2: Test the speed of jiangren.com.au website across 25 locations in the world

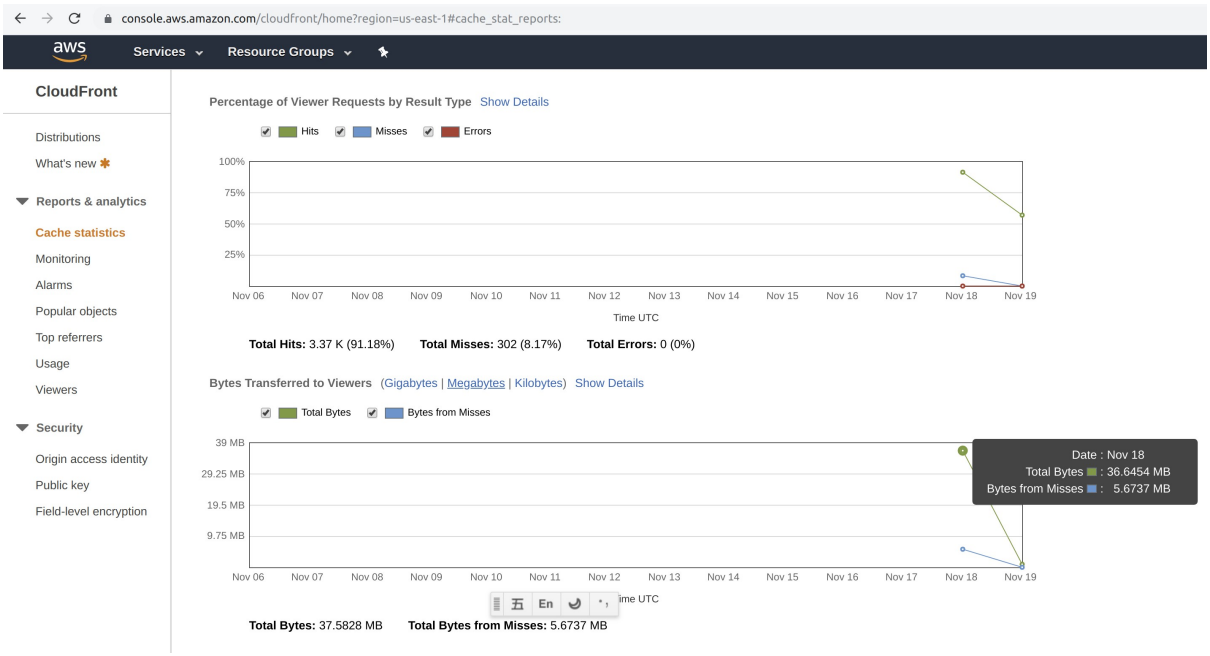
1. Open https://www.dotcom-tools.com/website-speed-test.aspx in 3 browser tabs
2. Test "jiangren.com.au" in the first browser tabs
3. Wait for 10 seconds
4. Test "jiangren.com.au" in the second browser tabs
5. Wait for 10 seconds
6. Test "jiangren.com.au" in the third browser tabs
7. Wait until the test finishes and see if there is any trend among these three tests

# Task 3: Test the speed of the CDN website across 25 locations in the world

1. Open https://www.dotcom-tools.com/website-speed-test.aspx in 3 browser tabs.
2. Test your CDN site "e.g. xxx.cloudfront.net" in the first browser tabs
3. Wait for 10 seconds
4. Test your CDN site "e.g. xxx.cloudfront.net" in the second browser tabs
5. Wait for 10 seconds
6. Test your CDN site "e.g. xxx.cloudfront.net" in the third browser tabs
7. Wait until the test finishes and see if there is any trend among these three tests

# Task 4: Explore the "Reports & analytics"

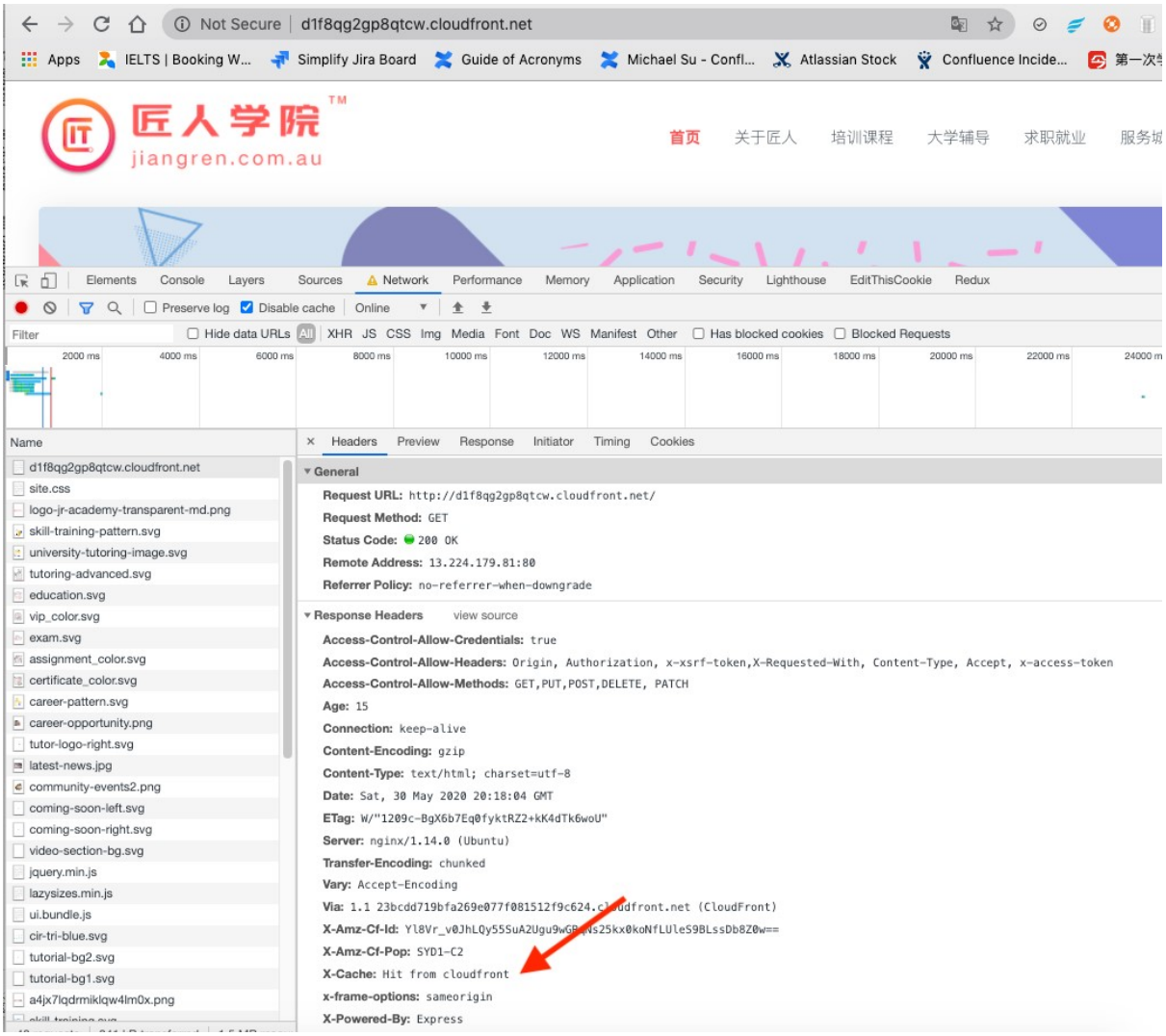
# in Cloudfront console.




Feel free to explore other menus in the "Reports & analytics" area.

# Task 5: Explore Network tab in Chrome Dev Tools

1. Open your CDN site "e.g. xxx.cloudfront.net" in a chrome tab
2. Right click on the page and Select "Inspect" from context menu
3. Click "Network" tab in the Chrome Dev tools
4. Click any file and Inspect the "X-Cache" header in Headers tab. If you see the value is "Hit from CloudFront", then the content is cached from CloudFront.


Not Secure
d1f8qg2gp8qtcw.cloudfront.net
Apps
IELTS | Booking W...
Simplify Jira Board
Guide of Acronyms
Michael Su - Confl...
Atlassian Stock
Confluence Incide...
匠人学院
jiangren.com.au
首页
关于匠人
培训课程
大学辅导
求职就业
Elements
Console
Layers
Sources
Network
Performance
Memory
Application
Security
Lighthouse
EditThisCookie
Redux
Preserve log
Disable cache
Online
Filter
Hide data URLs
All
XHR
JS
CSS
Img
Media
Font
Doc
WS
Manifest
Other
Has blocked cookies
Blocked Requests
Name
d1f8qg2gp8qtcw.cloudfront.net
site.css
logo-jr-academy-transparent-md.png
skill-training-pattern.svg
university-tutoring-image.svg
tutoring-advanced.svg
education.svg
vip_color.svg
exam.svg
assignment_color.svg
certificate_color.svg
career-pattern.svg
career-opportunity.png
tutor-logo-right.svg
latest-news.jpg
community-events2.png
coming-soon-left.svg
coming-soon-right.svg
video-section-bg.svg
jquery.min.js
lazysizes.min.js
ui.bundle.js
cir-tri-blue.svg
tutorial-bg2.svg
tutorial-bg1.svg
a4jx7lqdrmiklqw4lm0x.png
Headers
Preview
Response
Initiator
Timing
Cookies
General
Request URL: http://d1f8qg2gp8qtcw.cloudfront.net/
Request Method: GET
Status Code: 200 OK
Remote Address: 13.224.179.81:80
Referrer Policy: no-referrer-when-downgrade
Response Headers
view source
Access-Control-Allow-Credentials: true
Access-Control-Allow-Headers: Origin, Authorization, x-xsrf-token,X-Requested-With, Content-Type, Accept, x-access-token
Access-Control-Allow-Methods: GET,PUT,POST,DELETE, PATCH
Age: 15
Connection: keep-alive
Content-Encoding: gzip
Content-Type: text/html; charset=utf-8
Date: Sat, 30 May 2020 20:18:04 GMT
ETag: W/"1209c-BgX6b7Eq0fyktRZ2+kK4dTk6woU"
Server: nginx/1.14.0 (Ubuntu)
Transfer-Encoding: chunked
Vary: Accept-Encoding
Via: 1.1 23bcdd719bfa269e077f081512f9c624.cloudfront.net (CloudFront)
X-Amz-Cf-Id: Yl8Vr_v0JhLQy55SuA2Ugu9wGB
Ns25kx0koNfLUleS9BLssDb8Z0w==
X-Amz-Cf-Pop: SYD1-C2
X-Cache: Hit from cloudfront
x-frame-options: sameorigin
X-Powered-By: Express