

Delivering Content on AWS with Amazon CloudFront

ADMINISTERING CLOUDFRONT



Andy Dyracz
CLOUD ARCHITECT
@adyracz

Summary

Summary

Summary

Baseline our application

Summary

Baseline our application

Create a Distribution

Summary

Baseline our application

Create a Distribution

Performance Test

Taking a Baseline



Andy Dyrucz
CLOUD ARCHITECT
@adyrucz

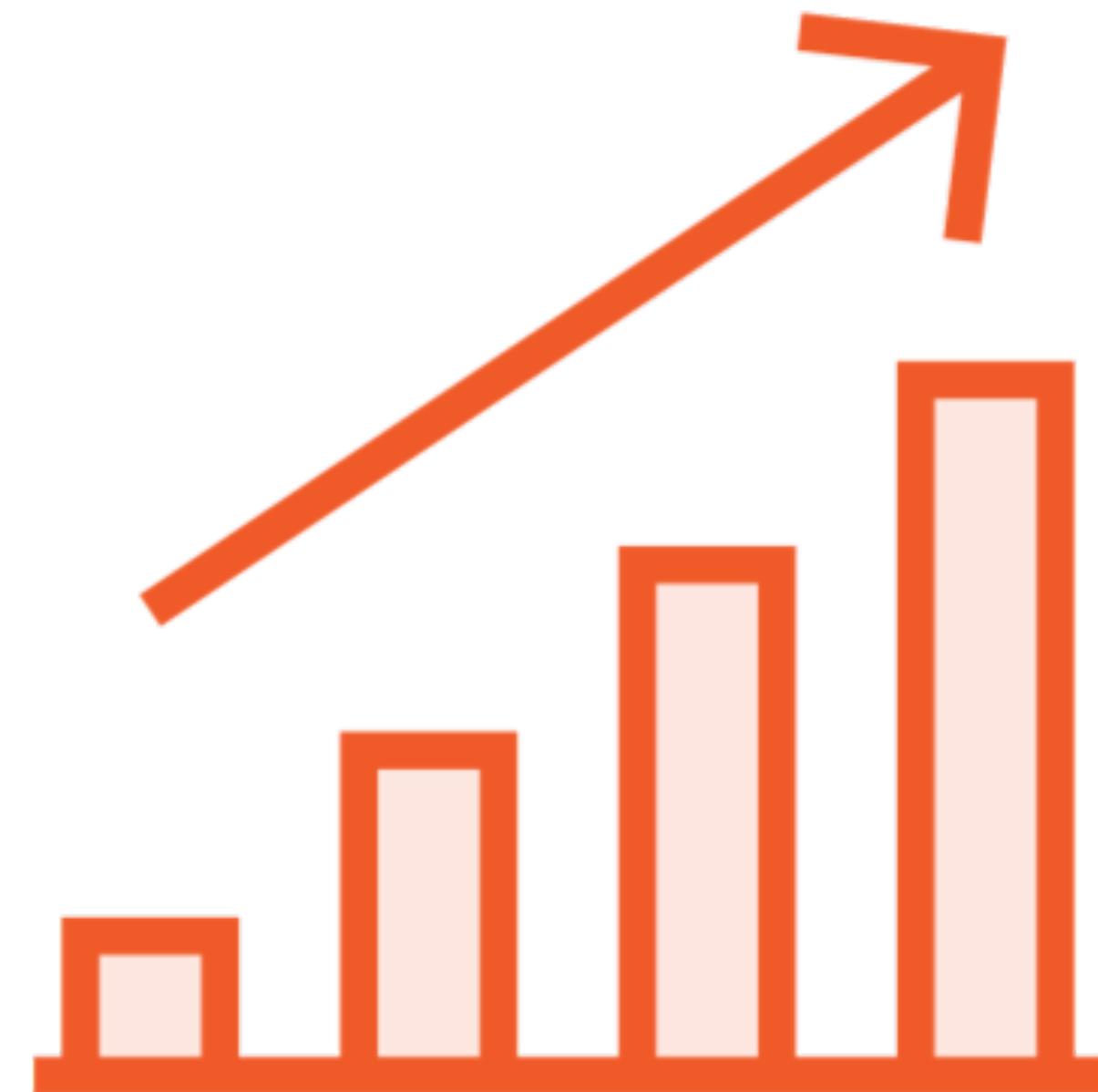
MISSION.

MISSION.

MISSION.

MISSION.

MISSION.



Summary

Create a Baseline

Summary

Create a Baseline

Summary

Create a Baseline

- Infrastructure

Summary

Create a Baseline

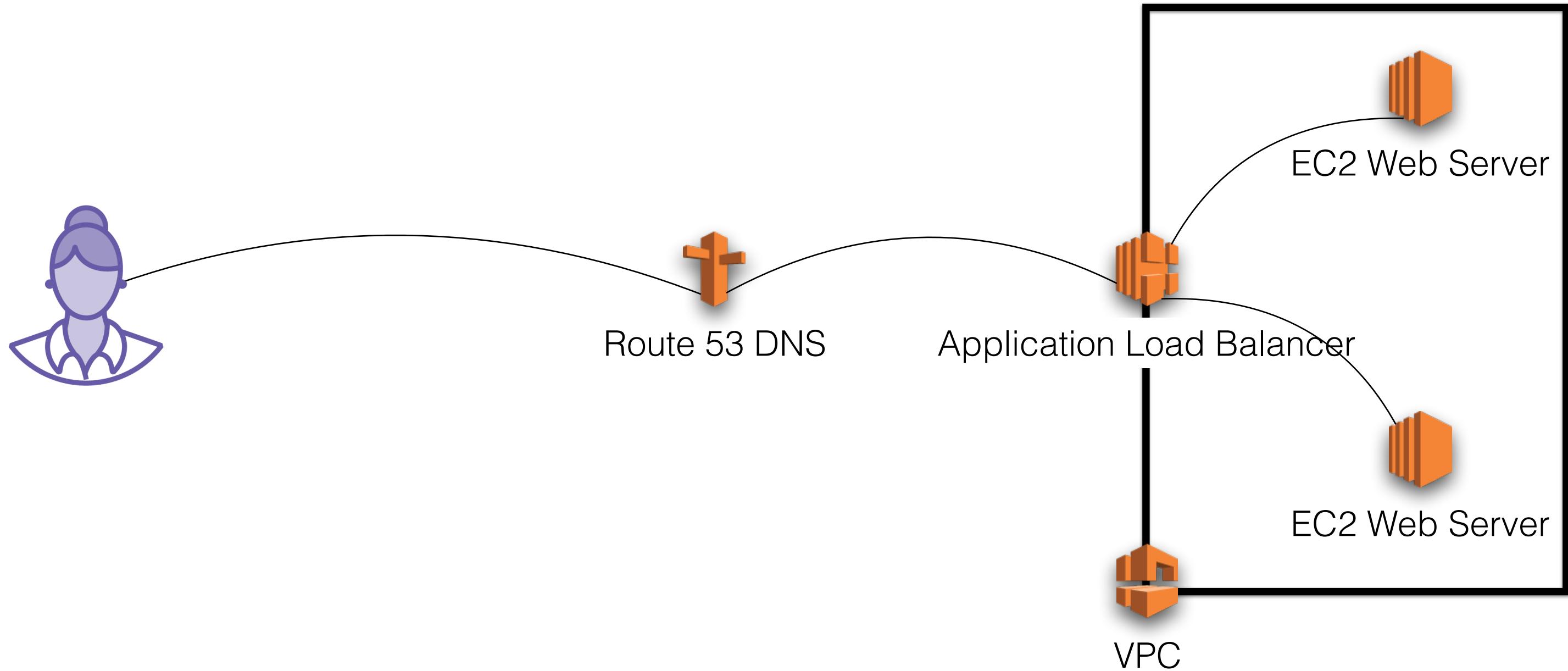
- Infrastructure
- Test

Summary

Create a Baseline

- Infrastructure
- Test
- Measure

Current Setup



loadtest.js

```
import { check } from "k6";
import http from "k6/http";

export default function() {
    var res = http.get("http://origin.dyrucz.me");
    check(res, {
        "is status 200": (r) => r.status === 200
    });
}
```

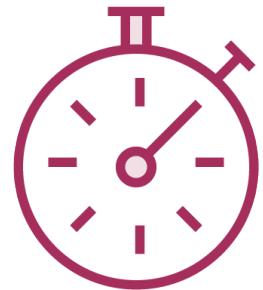
LoadTest

```
k6 run \  
--vus 1000 \  
--duration 900s \  
--out influxdb=http://localhost:8086/pluralsight \  
loadtest.js
```

RESULTS

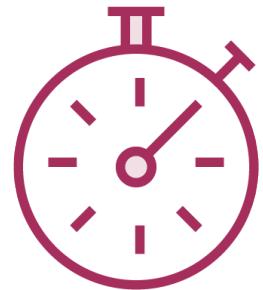


RESULTS



Whats causing the high load time?

RESULTS



Whats causing the high load time?



Requests

RESULTS



Whats causing the high load time?



Requests



Files





50%



Home About Speakers Schedule Venue Hotels Gallery Sponsors Contact

Buy Tickets

THE EVERY DEVELOPER CONFERENCE ANYWHERE CONFERENCE

10-12 June, Copenhagen Opera House, København, DK



About The Event



Home About Speakers Schedule Venue Hotels Gallery Sponsors Contact

Buy Tickets

THE EVERY DEVELOPER CONFERENCE ANYWHERE CONFERENCE

10-12 June, Copenhagen Opera House, København, DK



About The Event

Summary

Summary

Summary

Tested

Summary

Tested

Measured

Summary

Tested

Measured

Created baselines

Create a Distribution



Andy Dyracz
CLOUD ARCHITECT
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CloudFront Distribution

The collection of an ORIGIN and all the associated
caching and traffic handling rules

Summary

Create a CloudFront Distribution
Become familiar with the service

AWS CloudFront Management X +

https://console.aws.amazon.com/cloudfront/home?region=eu-north-1#

Services Resource Groups ⚡

Distributions

What's New

Reports & Analytics

Cache Statistics

Monitoring and Alarms

Popular Objects

Top Referrers

Usage

Viewers

Security

Origin Access Identity

Public key

Field-level encryption

Amazon CloudFront Getting Started

Either your search returned no results, or you do not have any distributions. Click the button below to create a new CloudFront distribution. A distribution allows you to distribute content using a worldwide network of edge locations that provide low latency and high data transfer speeds ([learn more](#))

Create Distribution

adycz@pluralsight Global Support ?

AWS CloudFront Management X +

https://console.aws.amazon.com/cloudfront/home?region=eu-north-1#create-distribution: ... ⌂ ⌁ ⌂

Services Resource Groups ⌂

adycz@pluralsight Global Support

Step 1: Select delivery method

Step 2: Create distribution

Select a delivery method for your content.

Web

Create a web distribution if you want to:

- Speed up distribution of static and dynamic content, for example, .html, .css, .php, and graphics files.
- Distribute media files using HTTP or HTTPS.
- Add, update, or delete objects, and submit data from web forms.
- Use live streaming to stream an event in real time.

You store your files in an origin - either an Amazon S3 bucket or a web server. After you create the distribution, you can add more origins to the distribution.

[Get Started](#)

RTMP

Create an RTMP distribution to speed up distribution of your streaming media files using Adobe Flash Media Server's RTMP protocol. An RTMP distribution allows an end user to begin playing a media file before the file has finished downloading from a CloudFront edge location. Note the following:

- To create an RTMP distribution, you must store the media files in an Amazon S3 bucket.
- To use CloudFront live streaming, create a web distribution.

[Get Started](#)

[Cancel](#)

AWS CloudFront Management

https://console.aws.amazon.com/cloudfront/home?region=eu-north-1#create-distribution:

Step 1: Select delivery method

Step 2: Create distribution

Create Distribution

Origin Settings

Origin Domain Name ⓘ

Origin Path ⓘ

Origin ID ⓘ

Origin Custom Headers	Header Name	Value	ⓘ
	<input type="text"/>	<input type="text"/>	+

Default Cache Behavior Settings

Path Pattern Default (*) ⓘ

Viewer Protocol Policy HTTP and HTTPS
 Redirect HTTP to HTTPS
 HTTPS Only ⓘ

Allowed HTTP Methods GET, HEAD
 GET, HEAD, OPTIONS
 GET, HEAD, OPTIONS, PUT, POST, PATCH, DELETE ⓘ

Default Origin

Origin Settings

Origin Domain Name



Origin Path



Origin ID



Origin Custom Headers Header Name

Value



Default Behavior

Path Pattern	Default (*)	Forward Cookies	None (Improves Caching) ▾
Viewer Protocol Policy	<input checked="" type="radio"/> HTTP and HTTPS <input type="radio"/> Redirect HTTP to HTTPS <input type="radio"/> HTTPS Only	Query String Forwarding and Caching	None (Improves Caching) ▾
Allowed HTTP Methods	<input checked="" type="radio"/> GET, HEAD <input type="radio"/> GET, HEAD, OPTIONS <input type="radio"/> GET, HEAD, OPTIONS, PUT, POST, PATCH, DELETE	Smooth Streaming	<input type="radio"/> Yes <input checked="" type="radio"/> No
Field-level Encryption Config	<input type="button" value="▼"/>	Restrict Viewer Access (Use Signed URLs or Signed Cookies)	<input type="radio"/> Yes <input checked="" type="radio"/> No
Cached HTTP Methods	GET, HEAD (Cached by default)	Compress Objects Automatically	<input type="radio"/> Yes <input checked="" type="radio"/> No
Cache Based on Selected Request Headers	<input type="button" value="None (Improves Caching) ▾"/> Learn More	Lambda Function Associations	Learn More
Object Caching	<input checked="" type="radio"/> Use Origin Cache Headers <input type="radio"/> Customize Learn More	CloudFront Event	<input type="button" value="Select Event Type ▾"/>
Minimum TTL	0	Lambda Function ARN	<input type="text"/>
Maximum TTL	31536000	Learn More	
Default TTL	86400		

Distribution Settings

Price Class	<input type="button" value="Use All Edge Locations (Best Performance)"/>	Supported HTTP Versions	<input checked="" type="radio"/> HTTP/2, HTTP/1.1, HTTP/1.0 <input type="radio"/> HTTP/1.1, HTTP/1.0
AWS WAF Web ACL	<input type="button" value="None"/>	Default Root Object	<input type="text"/>
Alternate Domain Names (CNAMEs)	<input type="text"/>	Logging	<input type="radio"/> On <input checked="" type="radio"/> Off
SSL Certificate	<input checked="" type="radio"/> Default CloudFront Certificate (*.cloudfront.net) <input type="radio"/> Custom SSL Certificate (example.com): <input type="text"/>	Bucket for Logs	<input type="text"/>
	<input type="button" value="Request or Import a Certificate with ACM"/>	Log Prefix	<input type="text"/>
		Cookie Logging	<input type="radio"/> On <input checked="" type="radio"/> Off
		Enable IPv6	<input checked="" type="checkbox"/>
			Learn more
		Comment	<input type="text"/>
		Distribution State	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled

Create Distribution

Origin Settings

Origin Domain Name



Origin Path



Origin ID



Origin Custom Headers

Value



- Amazon S3 Buckets —
theevent-errors.s3.amazonaws.com
- Elastic Load Balancers —
[pluralsight-demo-1742408641.ap-southeast-2.](#)
- MediaPackage Origins —
No Origins Available
- MediaStore Containers —
No Origins Available

Default Cache Behavior Settings

AWS CloudFront Management

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution:

Create Distribution

Step 1: Select delivery method

Step 2: Create distribution

Origin Settings

Origin Domain Name ⓘ

Origin Path ⓘ

Origin ID ⓘ

Origin Custom Headers	Header Name	Value	ⓘ
	<input type="text"/>	<input type="text"/>	+

Default Cache Behavior Settings

Path Pattern Default (*) ⓘ

Viewer Protocol Policy HTTP and HTTPS
 Redirect HTTP to HTTPS
 HTTPS Only ⓘ

Allowed HTTP Methods GET, HEAD
 GET, HEAD, OPTIONS
 GET, HEAD, OPTIONS, PUT, POST, PATCH, DELETE ⓘ

AWS CloudFront Management X +

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution: ... durst Global Support ?

aws Services Resource Groups ⌂

Step 1: Select delivery method

Step 2: Create distribution

Create Distribution

Origin Settings

Origin Domain Name

Origin Path

Origin ID

Origin Custom Headers

Value

Default Cache Behavior Settings

Path Pattern Default (*)

Viewer Protocol Policy

Allowed HTTP Methods

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The screenshot shows the AWS CloudFront Management console for creating a new distribution. The user is currently on Step 2: Create distribution. The main section is titled 'Origin Settings'. There are four dropdown menus: 'Origin Domain Name' (Amazon S3 Buckets), 'Origin Path' (theevent-errors.s3.amazonaws.com), 'Origin ID' (pluralsight-demo-1742408641.ap-southeast-2), and 'Origin Custom Headers' (No Origins Available). Below these is the 'Default Cache Behavior Settings' section, which includes 'Path Pattern' (Default (*)), 'Viewer Protocol Policy' (HTTP and HTTPS selected), and 'Allowed HTTP Methods' (GET, HEAD selected). The bottom of the screen shows standard AWS navigation and footer links.

AWS CloudFront Management X +

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution: ... ⌂ ⌁ ⌂ ⌃ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ⌊ ⌋

aws Services Resource Groups ⌂ durst Global Support ?

Step 1: Select delivery method

Step 2: Create distribution

Create Distribution

Origin Settings

Origin Domain Name	pluralsight-demo-1742408641.ap-southern-	i
Origin Path		i
Origin ID	ELB-pluralsight-demo-1742408641	i
Minimum Origin SSL Protocol	<input type="radio"/> TLSv1.2 <input type="radio"/> TLSv1.1 <input checked="" type="radio"/> TLSv1 <input type="radio"/> SSLv3	i
Origin Protocol Policy	<input checked="" type="radio"/> HTTP Only <input type="radio"/> HTTPS Only <input type="radio"/> Match Viewer	i
Origin Response Timeout	30	i
Origin Keep-alive Timeout	5	i
HTTP Port	80	i
HTTPS Port	443	i

AWS CloudFront Management X +

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution: ... durst Global Support ?

aws Services Resource Groups

Step 1: Select delivery method

Step 2: Create distribution

Create Distribution

Origin Settings

Origin Domain Name	pluralsight-demo-1742408641.ap-south-1	i
Origin Path		i
Origin ID	TheEvent-ELBOrigin	i
Minimum Origin SSL Protocol	<input type="radio"/> TLSv1.2 <input type="radio"/> TLSv1.1 <input checked="" type="radio"/> TLSv1 <input type="radio"/> SSLv3	i
Origin Protocol Policy	<input checked="" type="radio"/> HTTP Only <input type="radio"/> HTTPS Only <input type="radio"/> Match Viewer	i
Origin Response Timeout	30	i
Origin Keep-alive Timeout	5	i
HTTP Port	80	i
HTTPS Port	443	i

AWS CloudFront Management X +

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution: ... durst Global Support ?

aws Services Resource Groups

Step 1: Select delivery method

Step 2: Create distribution

Create Distribution

Origin Settings

Origin Domain Name	pluralsight-demo-1742408641.ap-south-1.cloudfront.net	i
Origin Path	/	i
Origin ID	TheEvent-ELBOrigin	i
Minimum Origin SSL Protocol	<input checked="" type="radio"/> TLSv1.2 <input type="radio"/> TLSv1.1 <input type="radio"/> TLSv1 <input type="radio"/> SSLv3	i
Origin Protocol Policy	<input checked="" type="radio"/> HTTP Only <input type="radio"/> HTTPS Only <input type="radio"/> Match Viewer	i
Origin Response Timeout	30	i
Origin Keep-alive Timeout	5	i
HTTP Port	80	i
HTTPS Port	443	i

AWS CloudFront Management X +

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution: ... durst Global Support ?

aws Services Resource Groups

Step 1: Select delivery method

Step 2: Create distribution

Create Distribution

Origin Settings

Origin Domain Name	pluralsight-demo-1742408641.ap-south-1.cloudfront.net	i
Origin Path	/	i
Origin ID	TheEvent-ELBOrigin	i
Minimum Origin SSL Protocol	<input checked="" type="radio"/> TLSv1.2 <input type="radio"/> TLSv1.1 <input type="radio"/> TLSv1 <input type="radio"/> SSLv3	i
Origin Protocol Policy	<input type="radio"/> HTTP Only <input checked="" type="radio"/> HTTPS Only <input type="radio"/> Match Viewer	i
Origin Response Timeout	30	i
Origin Keep-alive Timeout	5	i
HTTP Port	80	i
HTTPS Port	443	i



Services

Resource Groups



durst

Global

Support

Step 1: Select delivery method

Step 2: Create distribution

Origin Protocol Policy

- TESV...
- TLSv1
- SSLv3

- HTTP Only
- HTTPS Only
- Match Viewer

Origin Response Timeout

30



Origin Keep-alive Timeout

5



HTTP Port

80



HTTPS Port

443



Origin Custom Headers

Header Name

Value



Default Cache Behavior Settings

Path Pattern

Default (*)



Viewer Protocol Policy

 HTTP and HTTPS Redirect HTTP to HTTPS HTTPS Only



Services

Resource Groups



durst

Global

Support

Step 1: Select delivery method

Step 2: Create distribution

Default Cache Behavior Settings

Path Pattern Default (*)



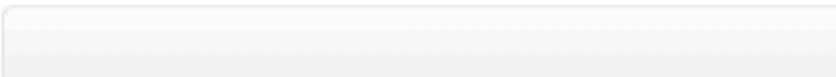
Viewer Protocol Policy HTTP and HTTPS
 Redirect HTTP to HTTPS
 HTTPS Only



Allowed HTTP Methods GET, HEAD
 GET, HEAD, OPTIONS
 GET, HEAD, OPTIONS, PUT, POST, PATCH, DELETE



Field-level Encryption Config



Cached HTTP Methods GET, HEAD (Cached by default)



Cache Based on Selected Request Headers

[Learn More](#)

Whitelist Headers

1 header(s) whitelisted

Accept
Accept-Charset
Accept-Datetime
Accept-Encoding

Host



Services

Resource Groups



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Global

Support

Step 1: Select delivery method

Step 2: Create distribution

Default Cache Behavior Settings

Path Pattern Default (*)



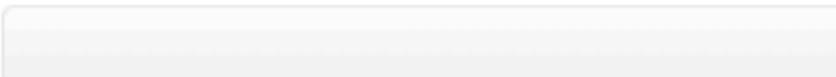
Viewer Protocol Policy
 HTTP and HTTPS
 Redirect HTTP to HTTPS
 HTTPS Only



Allowed HTTP Methods
 GET, HEAD
 GET, HEAD, OPTIONS
 GET, HEAD, OPTIONS, PUT, POST, PATCH, DELETE



Field-level Encryption Config



Cached HTTP Methods GET, HEAD (Cached by default)



Cache Based on Selected Request Headers
Whitelist

[Learn More](#)

Whitelist Headers

 Filter headers or enter a custom header

Accept
Accept-Charset
Accept-Datetime
Accept-Encoding

[Add Custom >>](#)[Add >>](#)

Host

1 header(s) whitelisted

AWS CloudFront Management

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution:

Step 1: Select delivery method

Step 2: Create distribution

Cached HTTP Methods: GET, HEAD (Cached by default)

Cache Based on Selected Request Headers: Whitelist

Whitelist Headers: 1 header(s) whitelisted

Object Caching: Use Origin Cache Headers

Minimum TTL: 0

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AWS CloudFront Management X +

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution: ... ⌂ ⌁ ⌂ ⌃ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ⌊ ⌋

aws Services Resource Groups ⌂ ⌃ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ⌊ ⌋

Step 1: Select delivery method

Step 2: Create distribution

Accept-Datetime
Accept-Encoding
Accept-Language
Authorization

<< Remove

To use AWS ELB DNS named Origins, you must forward the Host or All headers. [Learn more.](#)

Object Caching Use Origin Cache Headers Customize [Learn More](#)

Minimum TTL 0 [i](#)

Maximum TTL 31536000 [i](#)

Default TTL 86400 [i](#)

Forward Cookies None (Improves Caching) [i](#)

Query String Forwarding and Caching None (Improves Caching) [i](#)

Smooth Streaming Yes No [i](#)

Restrict Viewer Access [\(Use Signed URLs or\)](#) Yes No [i](#)

AWS CloudFront Management X +

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution: ... ⌂ ⌁ ⌂ ⌃ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ⌊ ⌋

aws Services Resource Groups ⌂ ⌃ ⌄ ⌅ ⌆ ⌇ ⌈ ⌉ ⌊ ⌋ durst Global Support

Step 1: Select delivery method

Step 2: Create distribution

Accept-Datetime
Accept-Encoding
Accept-Language
Authorization

<< Remove

To use AWS ELB DNS named Origins, you must forward the Host or All headers. [Learn more.](#)

Object Caching Use Origin Cache Headers i
 Customize [Learn More](#)

Minimum TTL 0 i

Maximum TTL 31536000 i

Default TTL 86400 i

Forward Cookies None (Improves Caching) i

Query String Forwarding and Caching None (Improves Caching) i

Smooth Streaming Yes i
 No

Restrict Viewer Access [\(Use Signed URLs or](#) No i

AWS CloudFront Management

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution:

Step 1: Select delivery method

Step 2: Create distribution

Default TTL: 86400

Forward Cookies: None (Improves Caching)

Query String Forwarding and Caching: None (Improves Caching)

Smooth Streaming: No

Restrict Viewer Access (Use Signed URLs or Signed Cookies): No

Compress Objects Automatically: No

Learn More

Lambda Function Associations

CloudFront Event: Select Event Type

Lambda Function ARN: [Empty Input Field]

Include Body: [Empty Input Field] +

Distribution Settings

AWS CloudFront Management

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution:

Step 1: Select delivery method

Step 2: Create distribution

Default TTL: 86400

Forward Cookies: None (Improves Caching)

Query String Forwarding and Caching: None (Improves Caching)

Smooth Streaming: No

Restrict Viewer Access (Use Signed URLs or Signed Cookies): No

Compress Objects Automatically: Yes

Lambda Function Associations

CloudFront Event: Select Event Type

Lambda Function ARN: [Empty Input Field]

Include Body: [Empty Input Field] +

Distribution Settings

AWS CloudFront Management X +

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution: ... ⌂ ⌂ ⌂

aws Services Resource Groups ⌂ durst Global Support

Distribution Settings

Step 1: Select delivery method

Step 2: Create distribution

Price Class: Use All Edge Locations (Best Performance) i

AWS WAF Web ACL: None i

Alternate Domain Names (CNAMEs): i

SSL Certificate: Default CloudFront Certificate (*.cloudfront.net)
Choose this option if you want your users to use HTTPS or HTTP to access your content with the CloudFront domain name (such as https://d111111abcdef8.cloudfront.net/logo.jpg).
Important: If you choose this option, CloudFront requires that browsers or devices support TLSv1 or later to access your content.

Custom SSL Certificate (example.com):
Choose this option if you want your users to access your content by using an alternate domain name, such as https://www.example.com. You can use a certificate stored in AWS Certificate Manager (ACM) in the US East (N. Virginia) Region, or you can use a certificate stored in IAM.

i

Request or Import a Certificate with ACM

Learn more about using custom SSL/TLS certificates with CloudFront.
Learn more about using ACM.



Step 1: Select delivery method

Step 2: Create distribution

Distribution Settings

Price Class

Use All Edge Locations (Best Performance)

**AWS WAF Web ACL**

None

**Alternate Domain Names
(CNAMEs)**

www.dyrcz.me

**SSL Certificate** Default CloudFront Certificate (*.cloudfront.net)

Choose this option if you want your users to use HTTPS or HTTP to access your content with the CloudFront domain name (such as <https://d111111abcdef8.cloudfront.net/logo.jpg>).

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**Request or Import a Certificate with ACM**

[Learn more](#) about using custom SSL/TLS certificates with CloudFront.

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AWS CloudFront Management X +

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution: ... ⌂ ⌂ ⌂

aws Services Resource Groups ⌂ durst Global Support

Step 1: Select delivery method

Step 2: Create distribution

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Request or Import a Certificate with ACM i

Learn more about using custom SSL/TLS certificates with CloudFront.
Learn more about using ACM.

Custom SSL Client Support Clients that Support Server Name Indication (SNI) - (Recommended)
CloudFront serves your content over HTTPS to clients that support SNI. SNI is supported by browsers and clients released after 2010. There is no additional charge for this option.
[Learn More](#)

Legacy Clients Support (\$600/month prorated charge applies. [Learn about pricing](#))
CloudFront allocates dedicated IP addresses at each CloudFront edge location to serve your content over HTTPS.



Step 1: Select delivery method

Step 2: Create distribution

SSL Certificate

 Default CloudFront Certificate (*.cloudfront.net)

Choose this option if you want your users to use HTTPS or HTTP to access your content with the CloudFront domain name (such as <https://d111111abcdef8.cloudfront.net/logo.jpg>).

Important: If you choose this option, CloudFront requires that browsers or devices support TLSv1 or later to access your content.

 Custom SSL Certificate (example.com):

Choose this option if you want your users to access your content by using an alternate domain name, such as <https://www.example.com/logo.jpg>. You can use a certificate stored in AWS Certificate Manager (ACM) in the US East (N. Virginia) Region, or you can use a certificate stored in IAM.

i

— Custom SSL Certificate (example.com): —
dyrcz.me (88a3a983-59d1-41be-9345-85c23cf...)

[Learn more about using custom SSL certificates with CloudFront.](#)

[Learn more about using ACM.](#)

Custom SSL Client Support

 Clients that Support Server Name Indication (SNI) - (Recommended)

CloudFront serves your content over HTTPS to clients that support SNI. SNI is supported by browsers and clients released after 2011-09-01. There is no additional charge for this option.

[Learn More](#)

 Legacy Clients Support (\$600/month prorated charge applies. [Learn about pricing](#))

CloudFront allocates dedicated IP addresses at each CloudFront edge location to serve your content over HTTPS.

AWS CloudFront Management X +

https://console.aws.amazon.com/cloudfront/home?region=ap-southeast-2#create-distribution: ... ⌂ ⌂ ⌂

aws Services Resource Groups ⌂ durst Global Support

Step 1: Select delivery method

Step 2: Create distribution

SSL Certificate Default CloudFront Certificate (*.cloudfront.net)
Choose this option if you want your users to use HTTPS or HTTP to access your content with the CloudFront domain name (such as https://d111111abcdef8.cloudfront.net/logo.jpg).
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dyrcz.me (88a3a983-59d1-41be-9345-8:1) [i](#)

[Request or Import a Certificate with ACM](#)

Learn more about using custom SSL/TLS certificates with CloudFront.
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[Learn More](#)

Legacy Clients Support (\$600/month prorated charge applies. [Learn about pricing](#))
CloudFront allocates dedicated IP addresses at each CloudFront edge location to serve your content over HTTPS.



Services

Resource Groups



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Global

Support

Step 1: Select delivery method

Step 2: Create distribution

Supported HTTP Versions HTTP/2, HTTP/1.1, HTTP/1.0
 HTTP/1.1, HTTP/1.0



Default Root Object



Logging On
 Off



Bucket for Logs



Log Prefix



Cookie Logging On
 Off



Enable IPv6



[Learn more](#)

Comment



Distribution State Enabled
 Disabled

[Cancel](#)[Back](#)[Create Distribution](#)



Services

Resource Groups



durst

Global

Support

Step 1: Select delivery method

Step 2: Create distribution

Supported HTTP Versions

 HTTP/2, HTTP/1.1, HTTP/1.0 HTTP/1.1, HTTP/1.0

Default Root Object

index.html



Logging

 On Off

Bucket for Logs



Log Prefix



Cookie Logging

 On Off

Enable IPv6

[Learn more](#)

Comment



Distribution State

 Enabled Disabled[Cancel](#)[Back](#)[Create Distribution](#)

List Distributions

```
aws cloudfront list-distributions
```

AWS CloudFront Management

https://console.aws.amazon.com/cloudfront/home#distributions:

Distributions

What's New

Reports & Analytics

Cache Statistics

Monitoring and Alarms

Popular Objects

Top Referrers

Usage

Viewers

Security

Origin Access Identity

Public key

Field-level encryption

CloudFront Distributions

Create Distribution Distribution Settings Delete Enable Disable

Viewing : Any Delivery Method Any State

	Delivery Method	ID	Domain Name	Comment	Origin	CNAMEs	Status	State	L
<input type="checkbox"/>	Web	ES6J41BR5J5GT	d2ee8i73kfyy7w.cloudfront.net	-	pluralsigh	www.dyrcz.r	In Prog	Enabled	2

Viewing 1 to 1 of 1

Feedback English (US)

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Route 53 Management Console X +

https://console.aws.amazon.com/route53/home?region=ap-southeast-2#hosted-zones:

Services Resource Groups ⌂

aws durst Global Support

Dashboard Hosted zones Health checks Traffic flow Traffic policies Policy records Domains Registered domains Pending requests Resolver VPCs Inbound endpoints Outbound endpoints Rules

Create Hosted Zone Go to Record Sets Delete Hosted Zone

Search all fields All Types

Displaying 1 to 1 out of 1 Hosted Zones

Domain Name	Type	Record Set Count	Comment	Hosted Zone ID
dyrcz.me.	Public	6		Z1MDF9XYVEF2TI

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Route 53 Management Console X +

https://console.aws.amazon.com/route53/home?region=ap-southeast-2#resource-record-sets:Z1M

aws Services Resource Groups ⌂

durst Global Support

Dashboard Hosted zones Health checks Traffic flow Traffic policies Policy records Domains Registered domains Pending requests Resolver VPCs Inbound endpoints Outbound endpoints Rules

Back to Hosted Zones Create Record Set Import Zone File Delete Record Set Test Record Set

Record Set Name Any Type Aliases Only Weighted

Only

Displaying 1 to 5 out of 5 Record Sets

	Name	Type	Value
<input type="checkbox"/>	dyrcz.me.	NS	ns-993.awsdns-60.net. ns-1889.awsdns-44.co.uk. ns-199.awsdns-24.com. ns-1250.awsdns-28.org.
<input type="checkbox"/>	dyrcz.me.	SOA	ns-993.awsdns-60.net. awsdns-h
<input type="checkbox"/>	_4f537c94a74470930bfc8d510cfe4055.dyrcz.me.	CNAME	_4befce920c00aa4f77b535c480
<input type="checkbox"/>	demo.dyrcz.me.	A	ALIAS dualstack.pluralsight-dem
<input type="checkbox"/>	origin.dyrcz.me.	A	ALIAS dualstack.pluralsight-dem

To get started, click Create Record Set button or click an existing record set.

Route 53 Management Console X +

https://console.aws.amazon.com/route53/home?region=ap-southeast-2#resource-record-sets:Z1M...

aws Services Resource Groups ⌂

durst Global Support

Dashboard Hosted zones Health checks Traffic flow Traffic policies Policy records Domains Registered domains Pending requests Resolver VPCs Inbound endpoints Outbound endpoints Rules

Back to Hosted Zones Create Record Set Import Zone File Delete Record Set Test Record Set

Record Set Name Any Type Aliases Only Weighted

Only

Displaying 1 to 5 out of 5 Record Sets

	Name	Type	Value
<input type="checkbox"/>	dyrcz.me.	NS	ns-993.awsdns-60.net. ns-1889.awsdns-44.co.uk. ns-199.awsdns-24.com. ns-1250.awsdns-28.org.
<input type="checkbox"/>	dyrcz.me.	SOA	ns-993.awsdns-60.net. awsdns-h...
<input type="checkbox"/>	_4f537c94a74470930bfc8d510cfe4055.dyrcz.me.	CNAME	_4befece920c00aa4f77b535c480...
<input type="checkbox"/>	demo.dyrcz.me.	A	ALIAS dualstack.pluralsight-dem...
<input type="checkbox"/>	origin.dyrcz.me.	A	ALIAS dualstack.pluralsight-dem...

Create Record Set

Name: WWW.dyrcz.me.

Type: A – IPv4 address

Alias: Yes No

Alias Target: d2ee8i73kfyy7w.cloudfront.net ⚠

Alias Hosted Zone ID: Z2FDTNDATAQYW2

You can also type the domain name for the resource. Examples:

- CloudFront distribution domain name: d111111abcdef8.cloudfront.net
- Elastic Beanstalk environment CNAME: example.elasticbeanstalk.com
- ELB load balancer DNS name: example-1.us-east-2.elb.amazonaws.com
- S3 website endpoint: s3-website.us-east-2.amazonaws.com
- Resource record set in this hosted zone: www.example.com
- VPC endpoint: example.us-east-2.vpce.amazonaws.com
- API Gateway custom regional API: d-abcde12345.execute-api.us-west-2.amazonaws.com

Learn More

Routing Policy: Simple

Route 53 responds to queries based only on the values in this record.

Learn More

Create

Route 53 Management Console X +

https://console.aws.amazon.com/route53/home?region=ap-southeast-2#resource-record-sets:Z1M

Services Resource Groups

aws durst Global Support

Dashboard Hosted zones Health checks Traffic flow Traffic policies Policy records Domains Registered domains Pending requests Resolver VPCs Inbound endpoints Outbound endpoints Rules

Back to Hosted Zones Create Record Set Import Zone File Delete Record Set Test Record Set

Record Set Name Any Type Aliases Only Weighted

Only

Displaying 1 to 6 out of 6 Record Sets

	Name	Type	Value
<input type="checkbox"/>	dyrcz.me.	NS	ns-993.awsdns-60.net. ns-1889.awsdns-44.co.uk. ns-199.awsdns-24.com. ns-1250.awsdns-28.org.
<input type="checkbox"/>	dyrcz.me.	SOA	ns-993.awsdns-60.net. awsdns-h
<input type="checkbox"/>	_4f537c94a74470930bfc8d510cfe4055.dyrcz.me.	CNAME	_4befce920c00aa4f77b535c480
<input type="checkbox"/>	demo.dyrcz.me.	A	ALIAS dualstack.pluralsight-dem
<input type="checkbox"/>	origin.dyrcz.me.	A	ALIAS dualstack.pluralsight-dem
<input type="checkbox"/>	www.dyrcz.me.	A	ALIAS d2ee8i73kfyy7w.cloudfr

To get started, click Create Record Set button or click an existing record set.

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```
{  
  "DistributionList": {  
    "Items": [  
      {  
        "Id": "ES6J41BR5J5GT",  
        "ARN":  
"arn:aws:cloudfront::  
359659591268:distribution/  
ES6J41BR5J5GT",  
        "Status": "Deployed",  
        "LastModifiedTime":  
"2019-06-16T13:42:04.225Z",  
        "DomainName":  
"d2ee8i73kfyy7w.cloudfront.net",  
        "Aliases": {  
          "Quantity": 1,  
          "Items": [  
            "www.dyrcz.me"  
          ]  
        },  
        "Origins": {  
          "Quantity": 1,  
          "Items": [  
            {  
              "Id":  
"TheEvent-ELBOrigin",  
...  

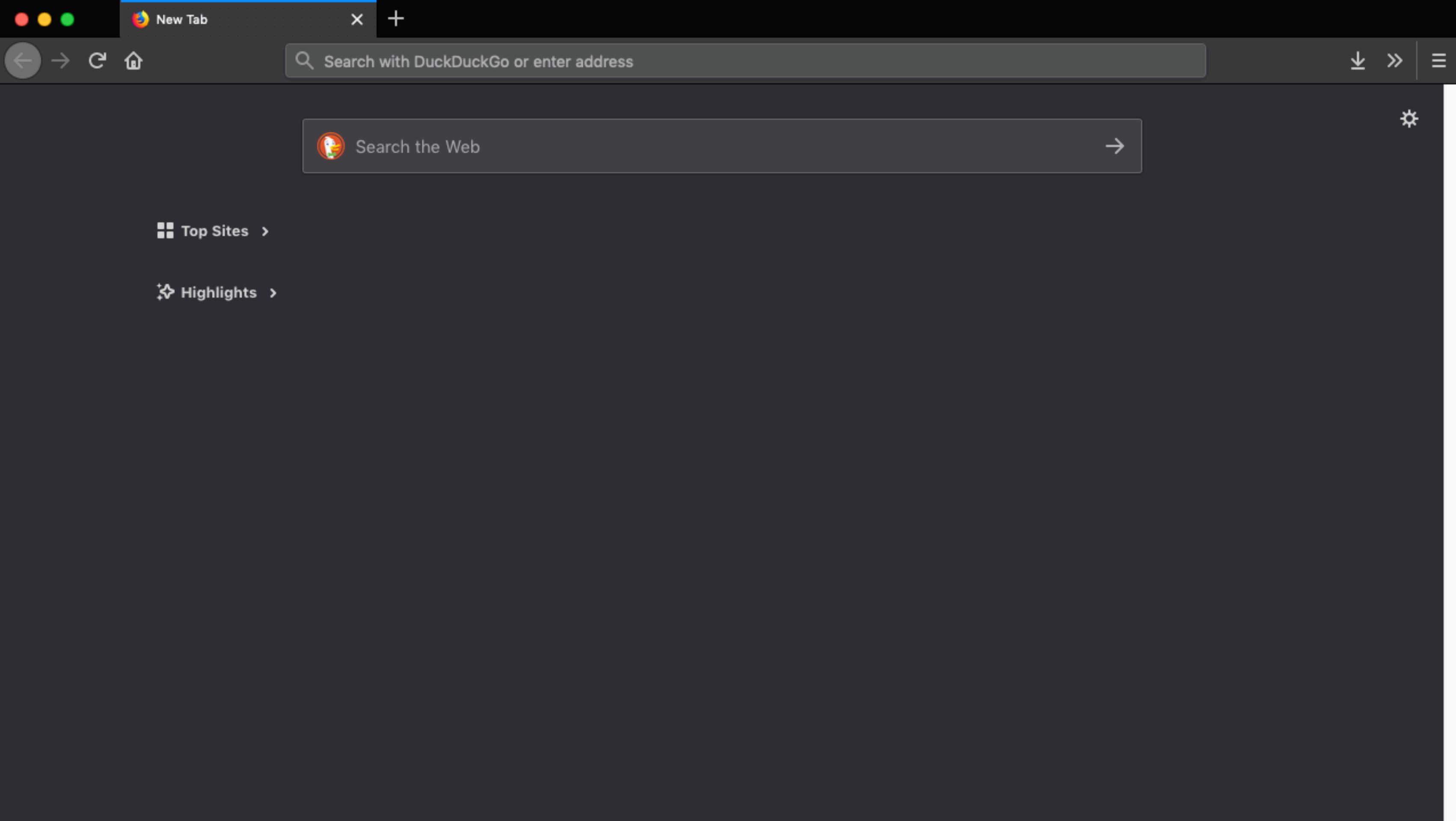
```

◀ Distribution ID

◀ CloudFront Domain Name

◀ CNAME

◀ Origin

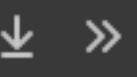


New Tab

X +



Search with DuckDuckGo or enter address



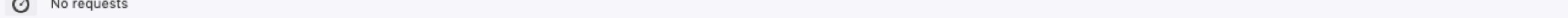
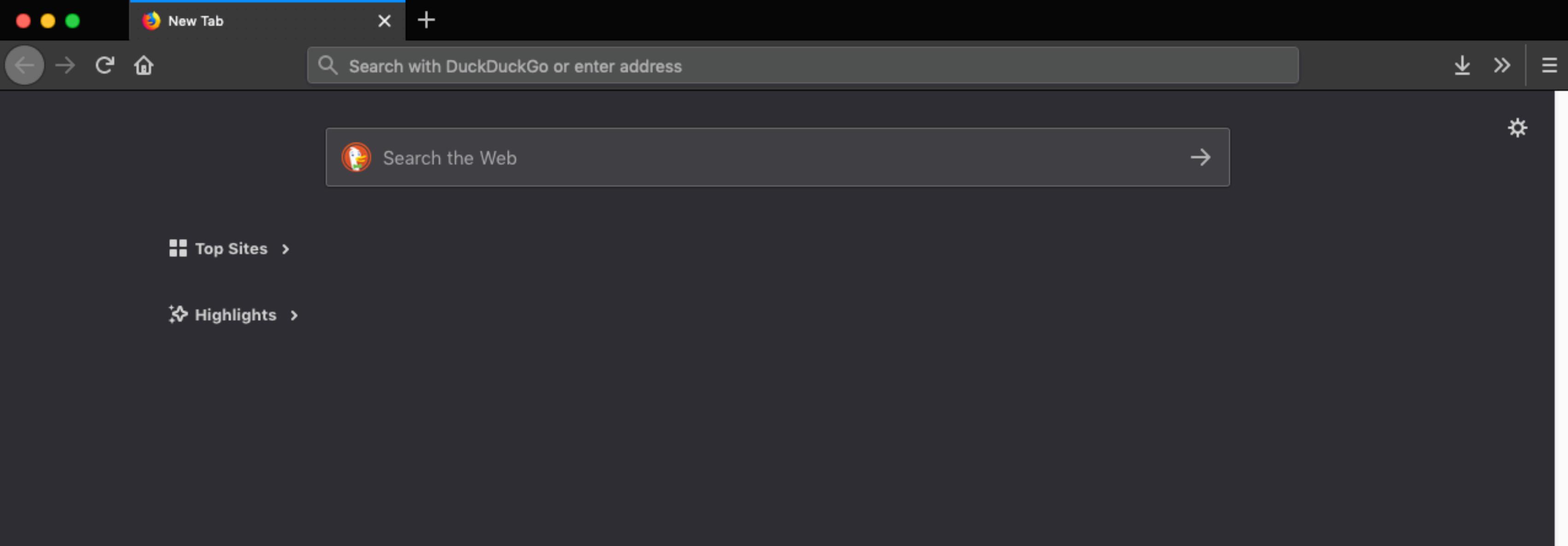
Search the Web



Top Sites >

Highlights >





[Home](#) [About](#) [Speakers](#) [Schedule](#) [Venue](#) [Hotels](#) [Gallery](#) [Sponsors](#) [Contact](#)[Buy Tickets](#)

THE EVERY DEVELOPER CONFERENCE ANYWHERE CONFERENCE

10-12 June, Copenhagen Opera House, København, DK

Network tab selected in developer tools.

Status	Method	Domain	File	Cause	Type	Transferred	Size	0 ms	1.28 s	2.56 s	3.84 s		
				All	HTML	CSS	JS	XHR	Fonts	Images	Media	WS	Other
200	GET	www.dyrcz.me	/	document	html	7.60 kB	46.81 kB	102 ms					
200	GET	fonts.googleapis.c...	css?family=Open+Sans:300,300i,400,400i,700,700i Rale...	stylesheet	css	1.45 kB	18.26 kB	104 ms					
200	GET	www.dyrcz.me	bootstrap.min.css	stylesheet	css	20.91 kB	138.71 kB	24 ms					
200	GET	www.dyrcz.me	font-awesome.min.css	stylesheet	css	7.26 kB	30.27 kB	30 ms					
200	GET	www.dyrcz.me	animate.min.css	stylesheet	css	3 kB	16.57 kB	29 ms					
200	GET	www.dyrcz.me	venobox.css	stylesheet	css	3.41 kB	19.69 kB	29 ms					
200	GET	www.dyrcz.me	owl.carousel.min.css	stylesheet	css	1.32 kB	2.87 kB	29 ms					

Summary

**Created a CloudFront Distribution
Reduced load or response times**

What is an origin?

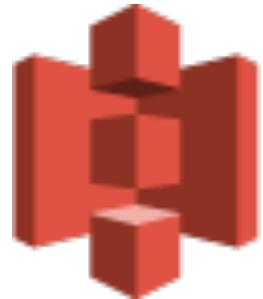


Andy Dyracz
CLOUD ARCHITECT
@adyracz

Origins

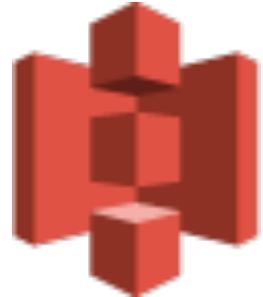


Origins



AWS S3 Bucket

Origins

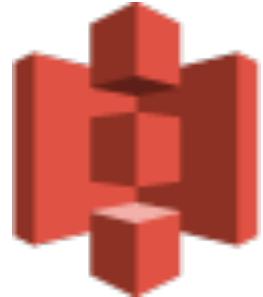


AWS S3 Bucket



AWS Elastic Computing

Origins



AWS S3 Bucket



AWS Elastic Computing



External Systems

AWS S3 Buckets





Custom Origins

Summary

CloudFront Origins

Summary

CloudFront Origins

Summary

CloudFront Origins

- What An Origin Is

Summary

CloudFront Origins

- What An Origin Is
- S3 Buckets

Summary

CloudFront Origins

- What An Origin Is
- S3 Buckets
- Custom Origins

What is a behavior?



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@adyracz

Caching Behavior

Rules which define how CloudFront handles and processes incoming requests.

Reasons for a caching behavior

Reasons for a caching behavior

Path Patterns

Reasons for a caching behavior

Path Patterns

Multiple Origins

Reasons for a caching behavior

Path Patterns

Multiple Origins

Query Strings

Reasons for a caching behavior

Path Patterns

Multiple Origins

Query Strings

Securing Objects

Reasons for a caching behavior

Path Patterns

Multiple Origins

Query Strings

Securing Objects

TTLs

Elements of a behavior

Elements of a behavior

Origin Definition

Elements of a behavior

Origin Definition

Cache Duration

Elements of a behavior

Origin Definition

Cache Duration

Forwarding

Elements of a behavior

Origin Definition

Cache Duration

Forwarding

Request Headers

Elements of a behavior

Origin Definition

Cache Duration

Forwarding

Request Headers

Compression

Elements of a behavior

Origin Definition

Cache Duration

Forwarding

Request Headers

Compression

Encryption

Summary

CloudFront Caching Behaviors

Summary

CloudFront Caching Behaviors

CloudFront Invalidations



Andy Dyracz
CLOUD ARCHITECT
@adyracz

Summary

Summary

Summary

CloudFront Invalidations

Summary

CloudFront Invalidations
File Versioning

Invalidation

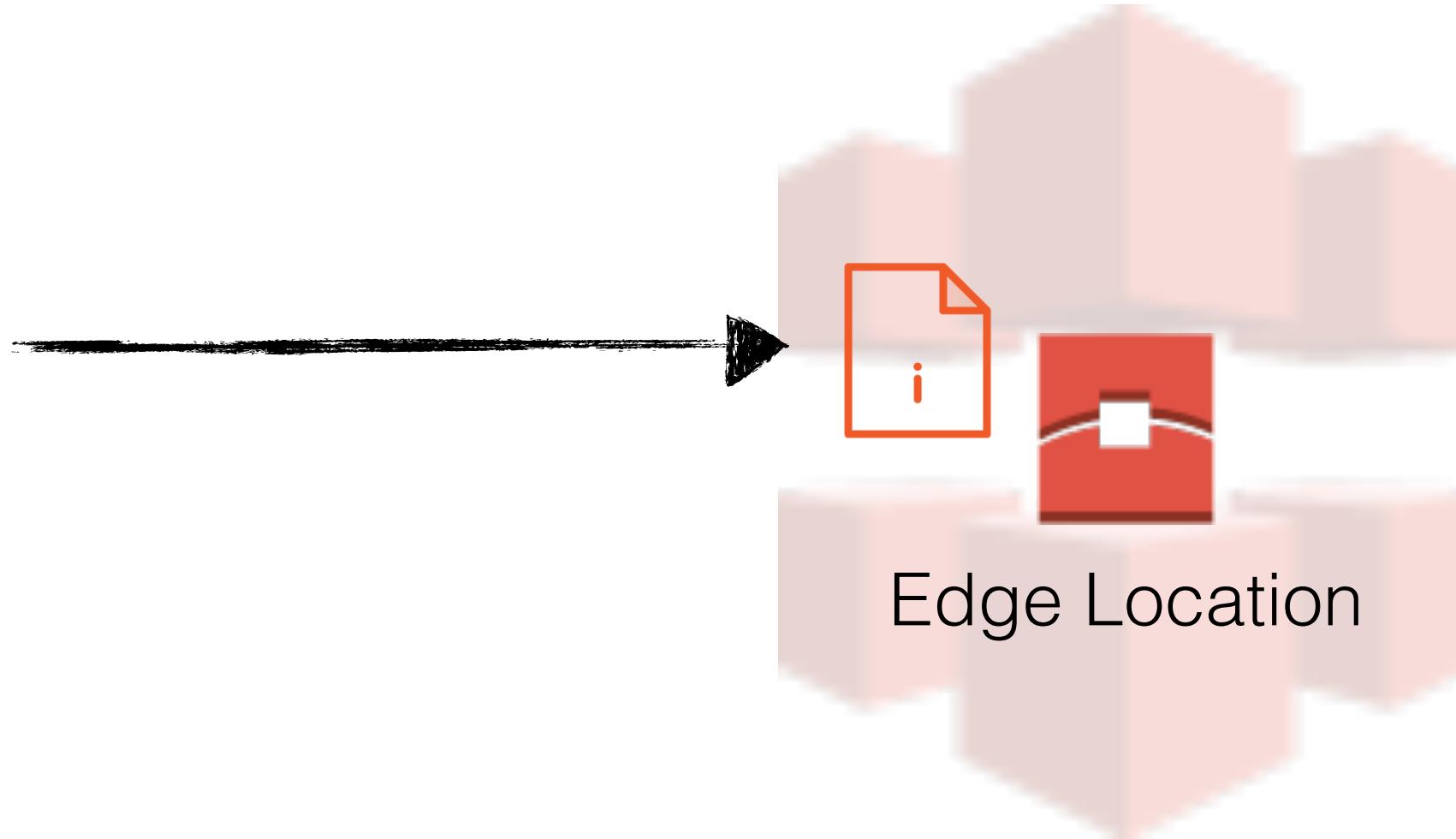


Edge Location

Origin

CloudFront

Invalidation

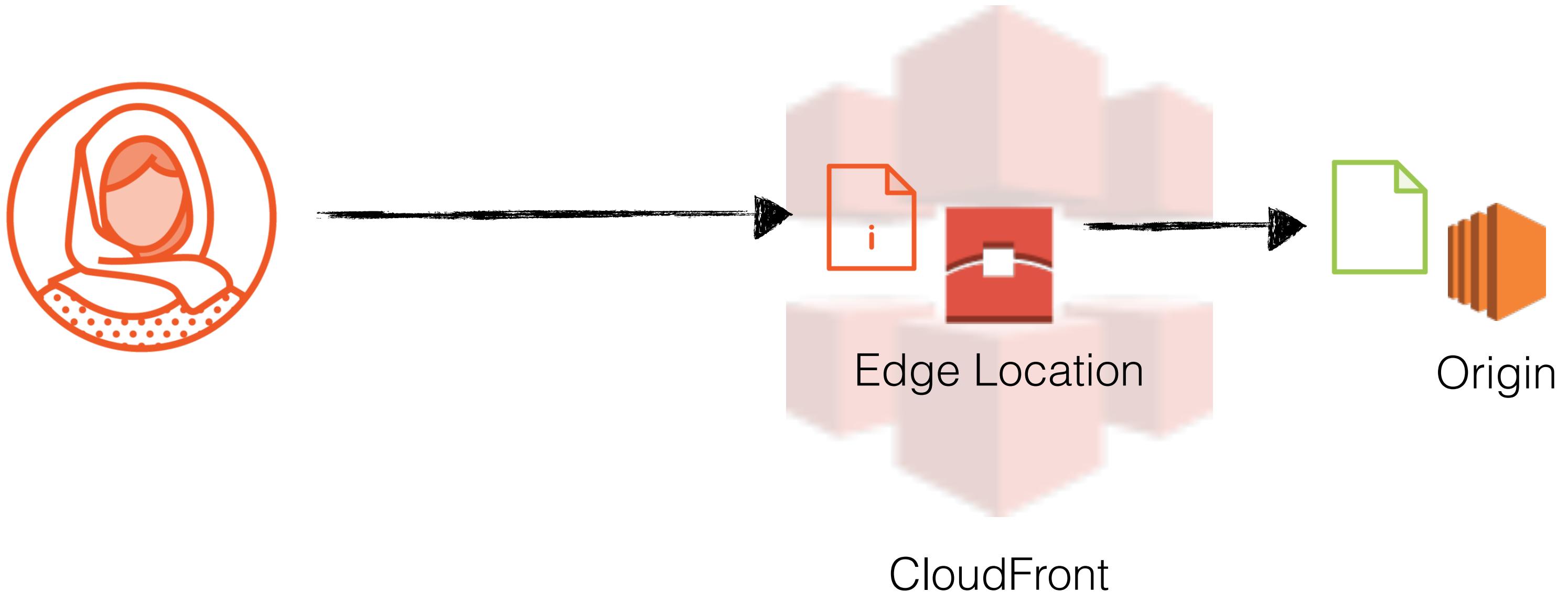


CloudFront

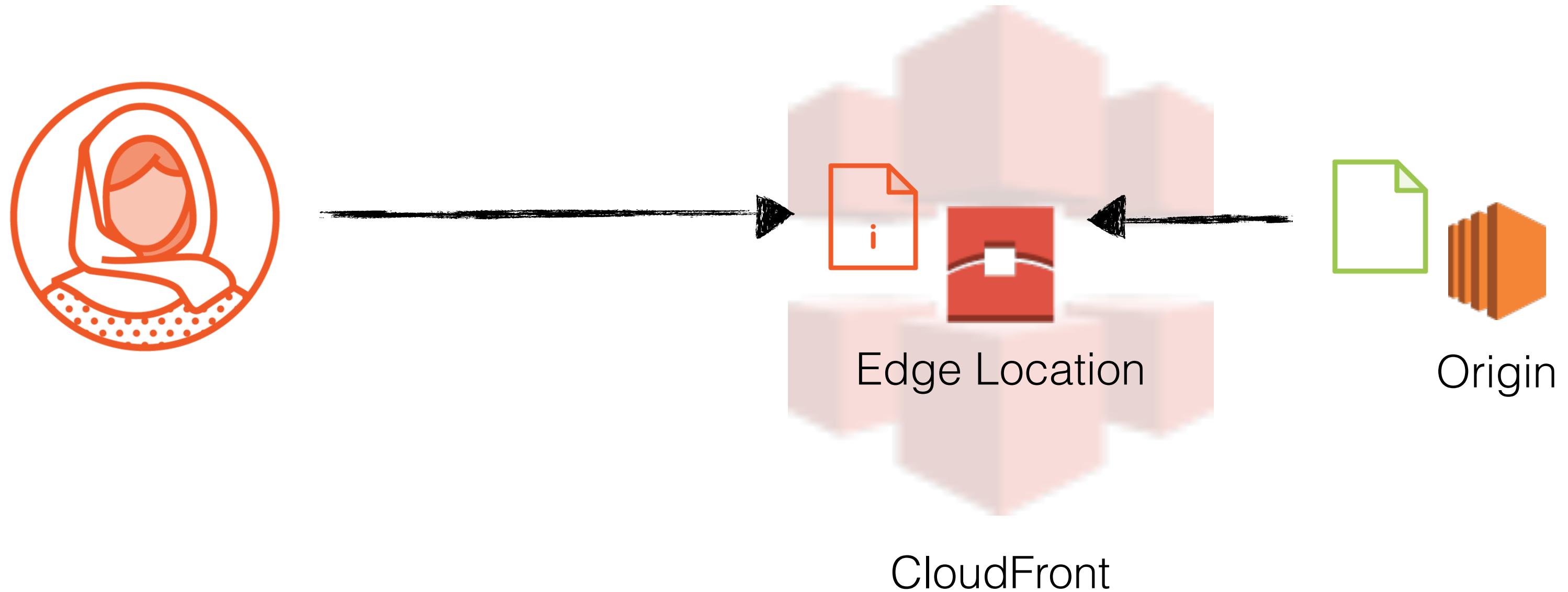


Origin

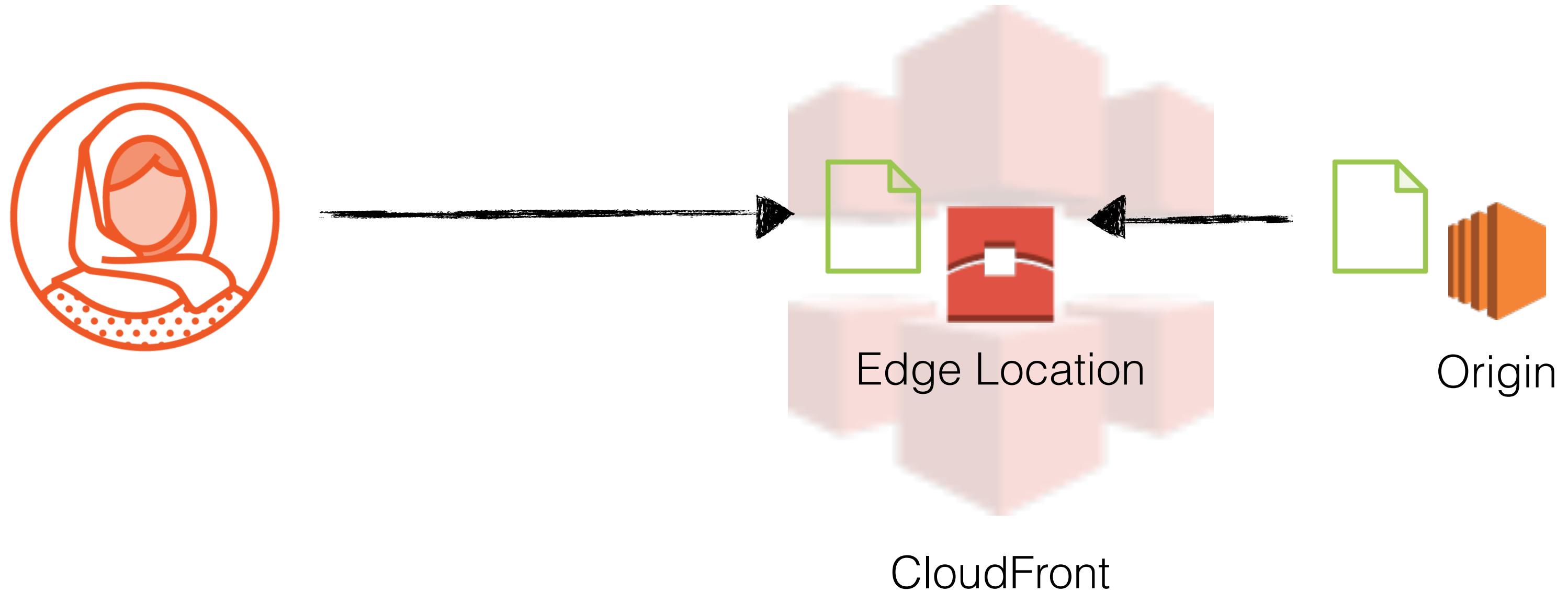
Invalidation



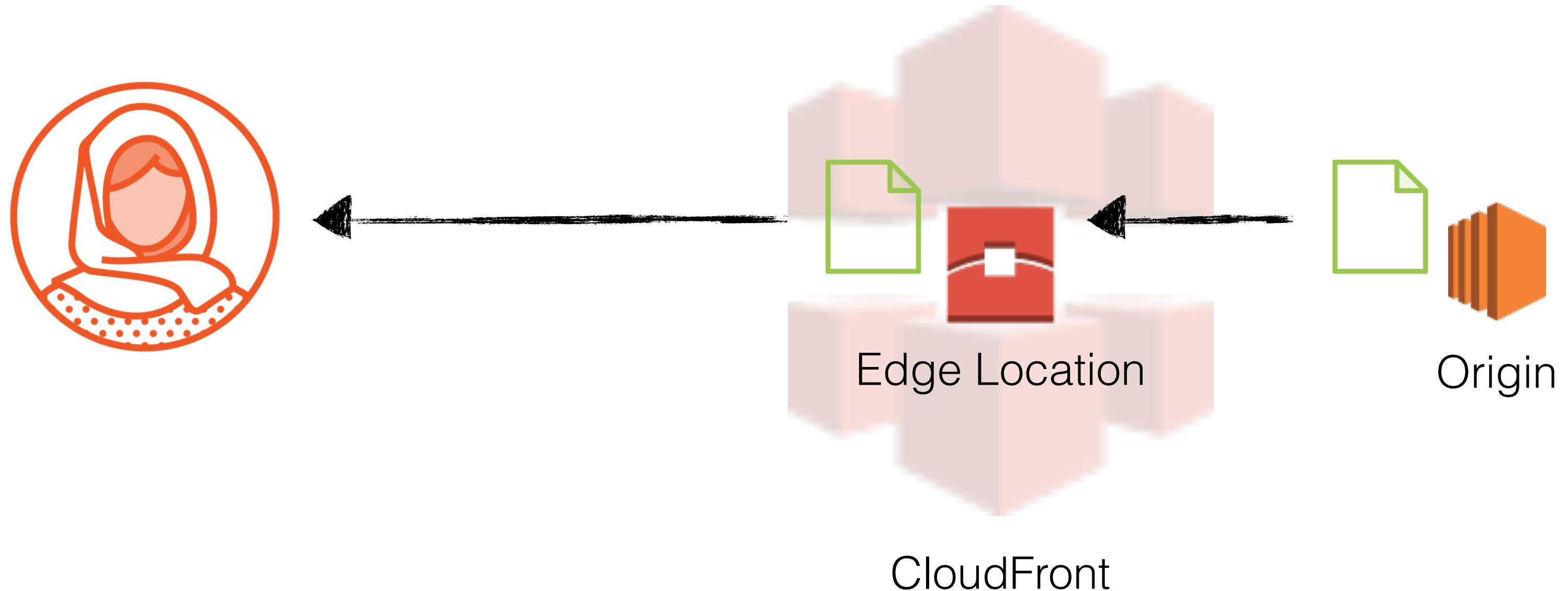
Invalidation



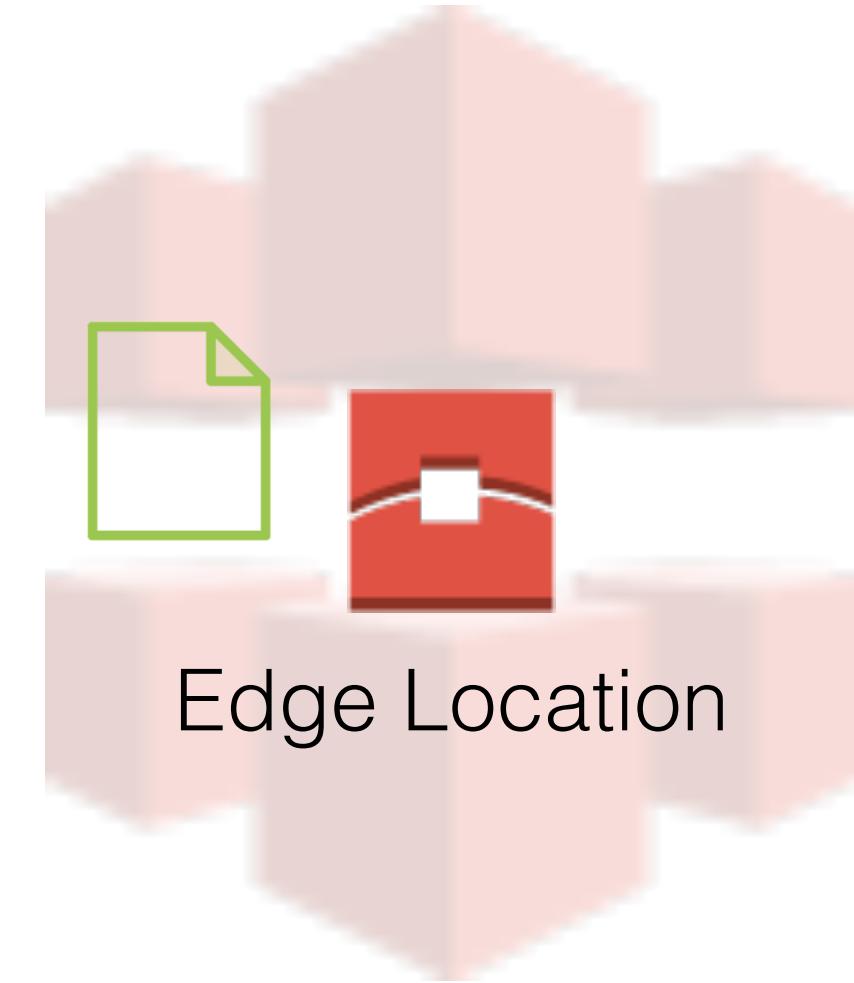
Invalidation



Invalidation



Versioning

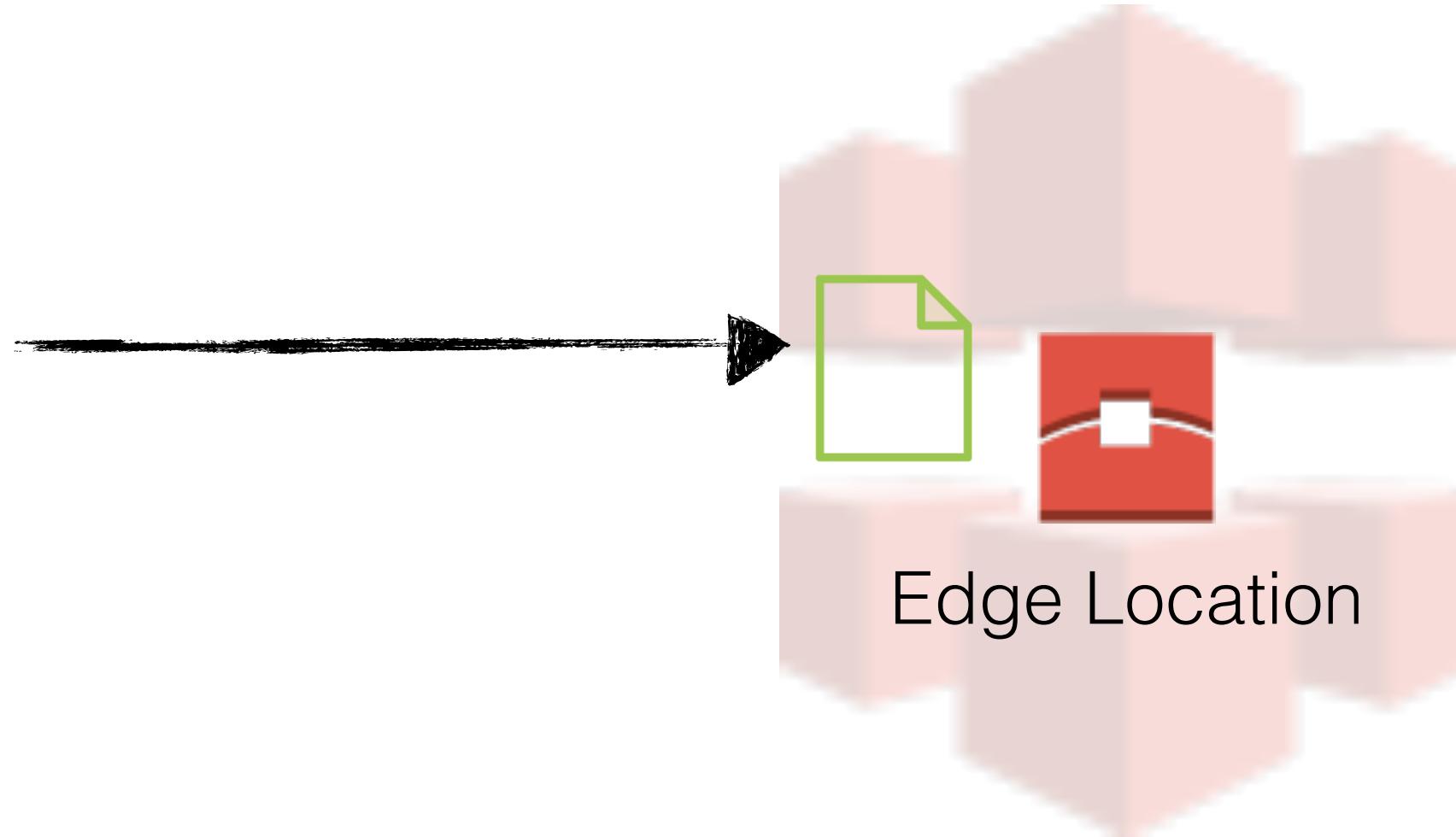


CloudFront

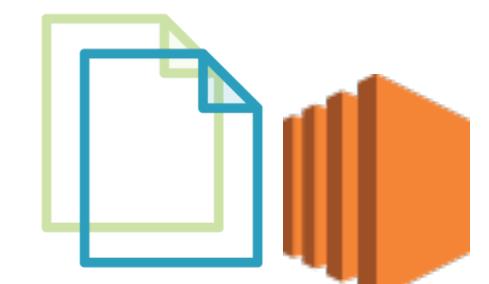


Origin

Versioning

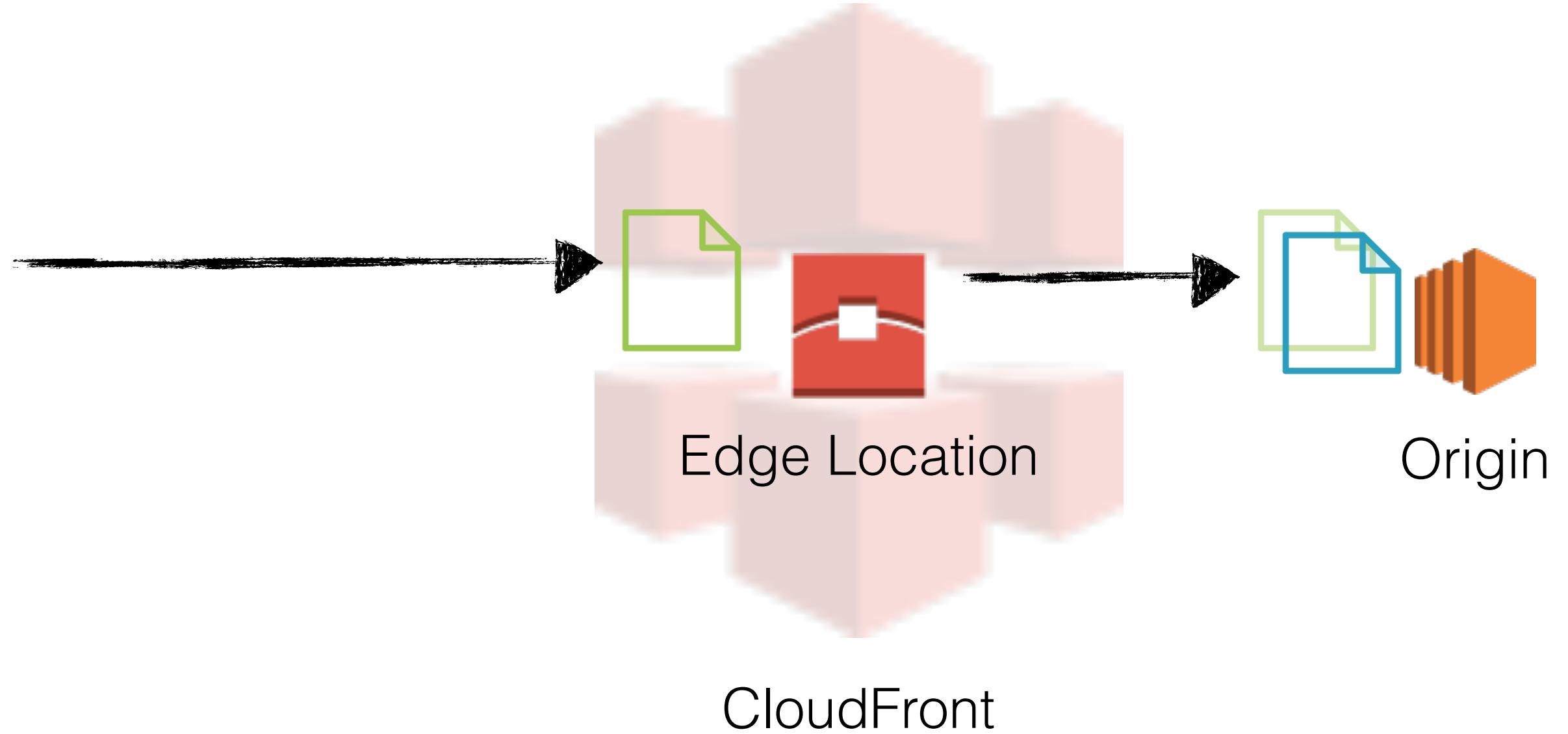


CloudFront

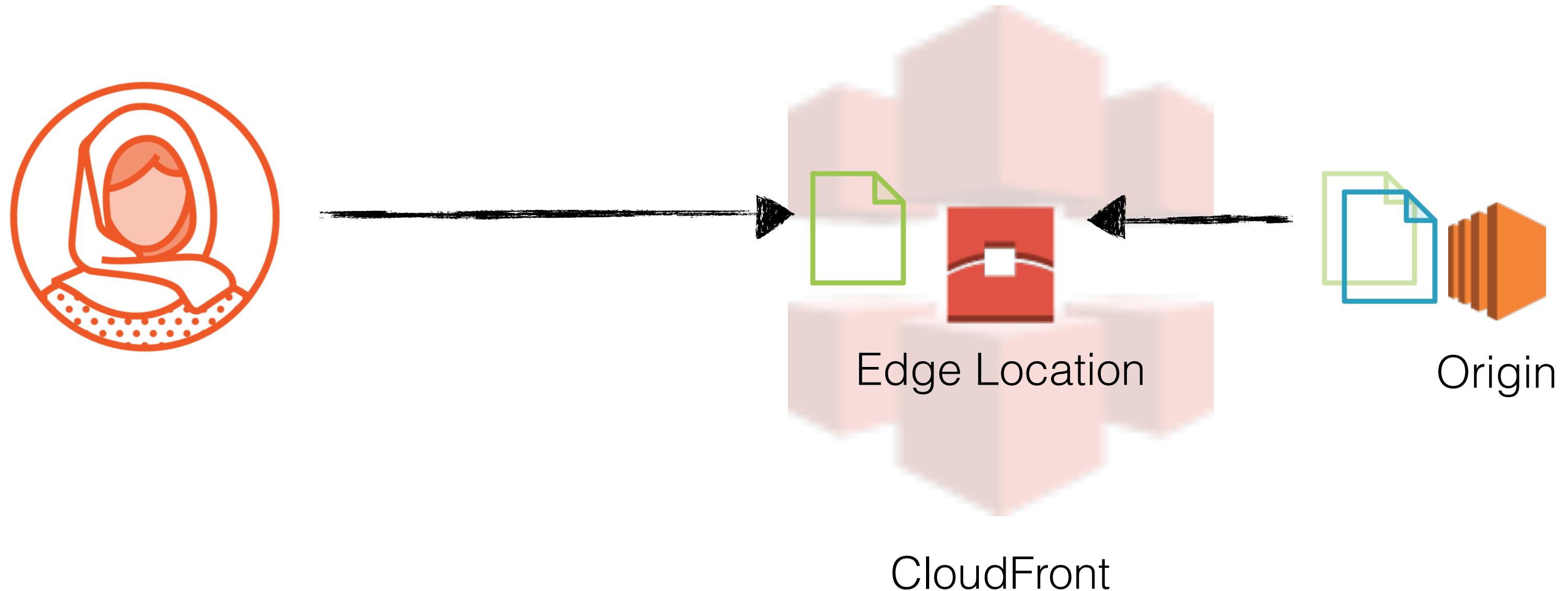


Origin

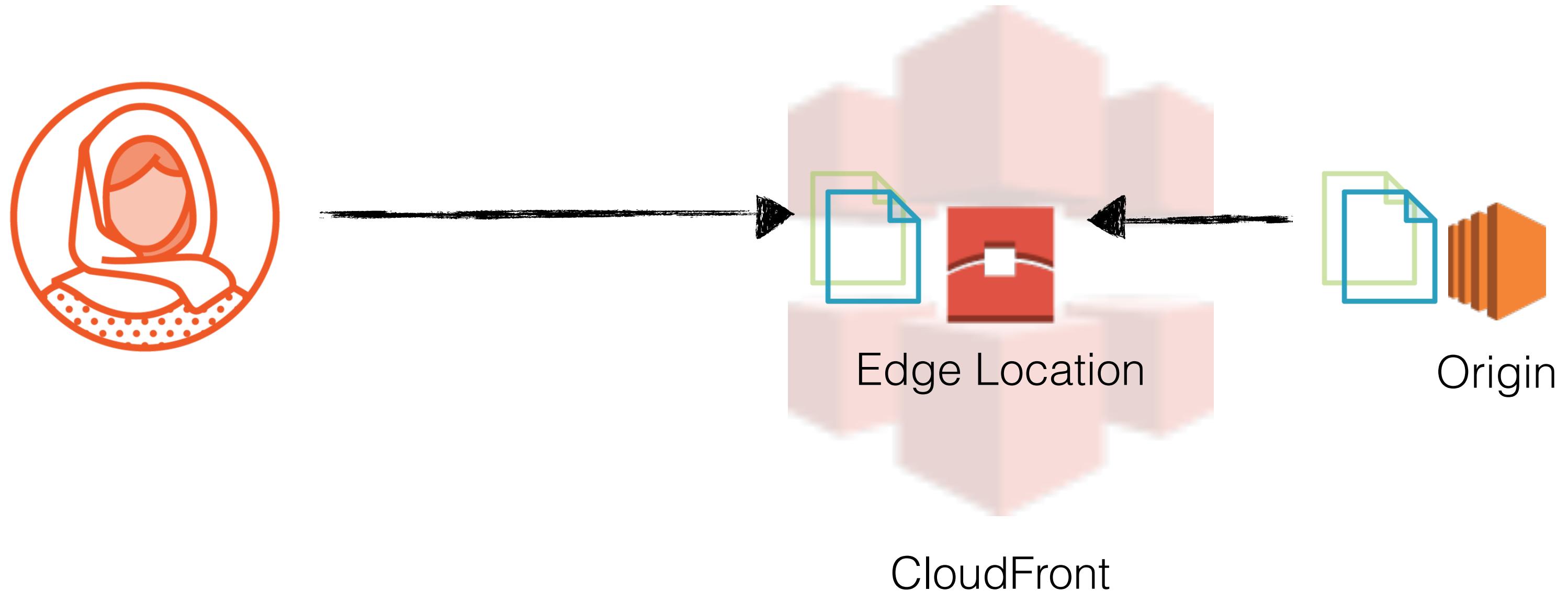
Versioning



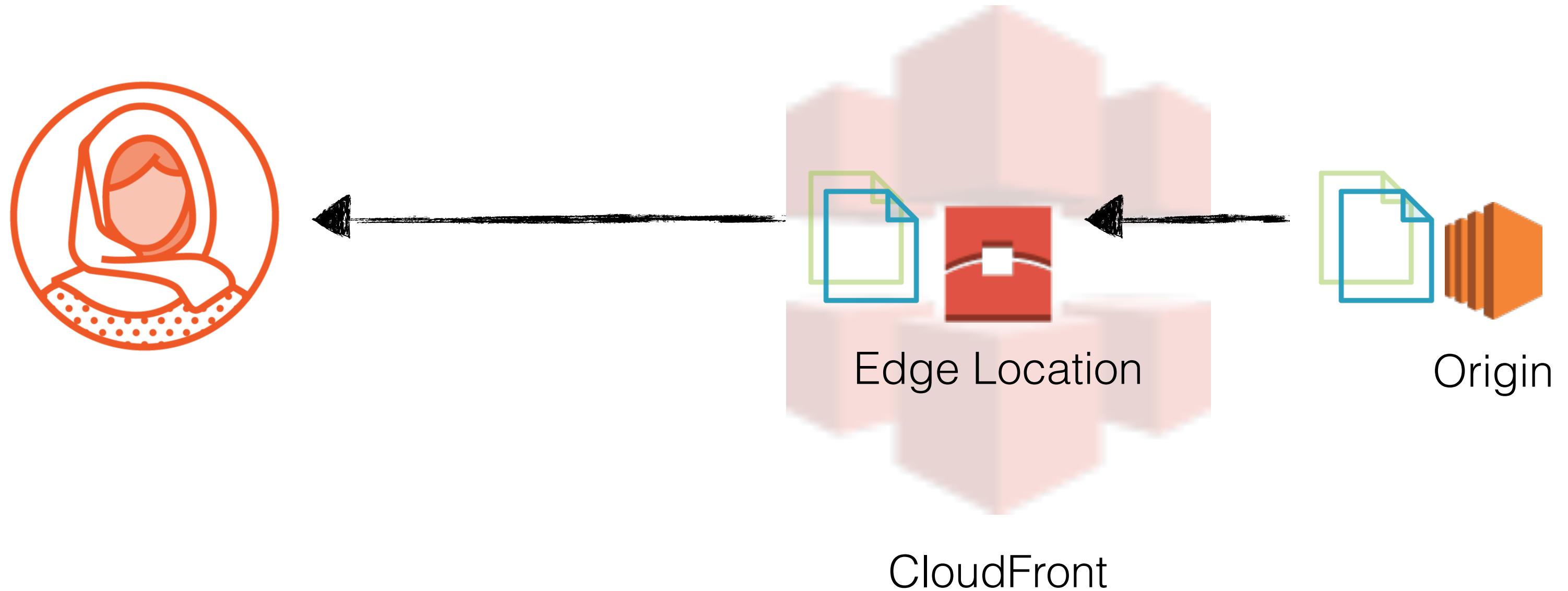
Versioning



Versioning



Versioning



Invalidation

Headers Cookies Params Response Timings Security

Request URL: <https://www.dyrcz.me/css/style.css>
Request method: GET
Remote address: 143.204.47.79:443
Status code: 200 OK ⓘ
Version: HTTP/2.0
Referrer Policy: no-referrer-when-downgrade

[Edit and Resend](#)

Filter headers

Response headers (396 B)

Raw headers

- age: 53
- content-encoding: gzip
- content-type: text/css
- date: Thu, 30 May 2019 13:22:47 GMT
- last-modified: Fri, 15 Mar 2019 07:04:12 GMT
- server: nginx/1.12.2
- vary: Accept-Encoding
- via: 1.1 9dd61138197a68f8d69f12574a...0.cloudfront.net (CloudFront)
- x-amz-cf-id: tI1AIQmbIA0jWFIna0H0AZINIYkERBXN2MYEALc_4Sxzf8lc4I61ng==
- x-cache: Hit from cloudfront
- X-Firefox-Spdy: h2

Invalidation

Headers Cookies Params Response Timings Security

Request URL: <https://www.dyrcz.me/css/style.css>
Request method: GET
Remote address: 143.204.47.79:443
Status code: 200 OK ⓘ
Version: HTTP/2.0
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Edit and Resend

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- x-amz-cf-id: tI1AIQmbIA0jWFIna0H0AZINIYkERBXN2MYEALc_4Sxzf8lc4I61ng==
- x-cache: Hit from cloudfront
- X-Firefox-Spdy: h2

Invalidation

Headers Cookies Params Response Timings Security

Request URL: <https://www.dyrcz.me/css/style.css>
Request method: GET
Remote address: 143.204.47.79:443
Status code: 200 OK ⓘ
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Referrer Policy: no-referrer-when-downgrade

Edit and Resend

Filter headers

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- date: Thu, 30 May 2019 13:22:47 GMT
- last-modified: Fri, 15 Mar 2019 07:04:12 GMT
- server: nginx/1.12.2
- vary: Accept-Encoding
- via: 1.1 9dd61138197a68f8d69f12574a... cloudfront.net (CloudFront)
- x-amz-cf-id: tI1AIQmbIA0jWFIna0H...NIYkERBXN2MYEALc_4Sxzf8lc4I61ng==
- x-cache: Hit from cloudfront
- X-Firefox-Spdy: h2



Invalidation

Headers Cookies Params Response Timings Security

Request URL: <https://www.dyrcz.me/css/style.css>
Request method: GET
Remote address: 143.204.47.79:443
Status code: 200 OK ⓘ
Version: HTTP/2.0
Referrer Policy: no-referrer-when-downgrade

Edit and Resend

Filter headers

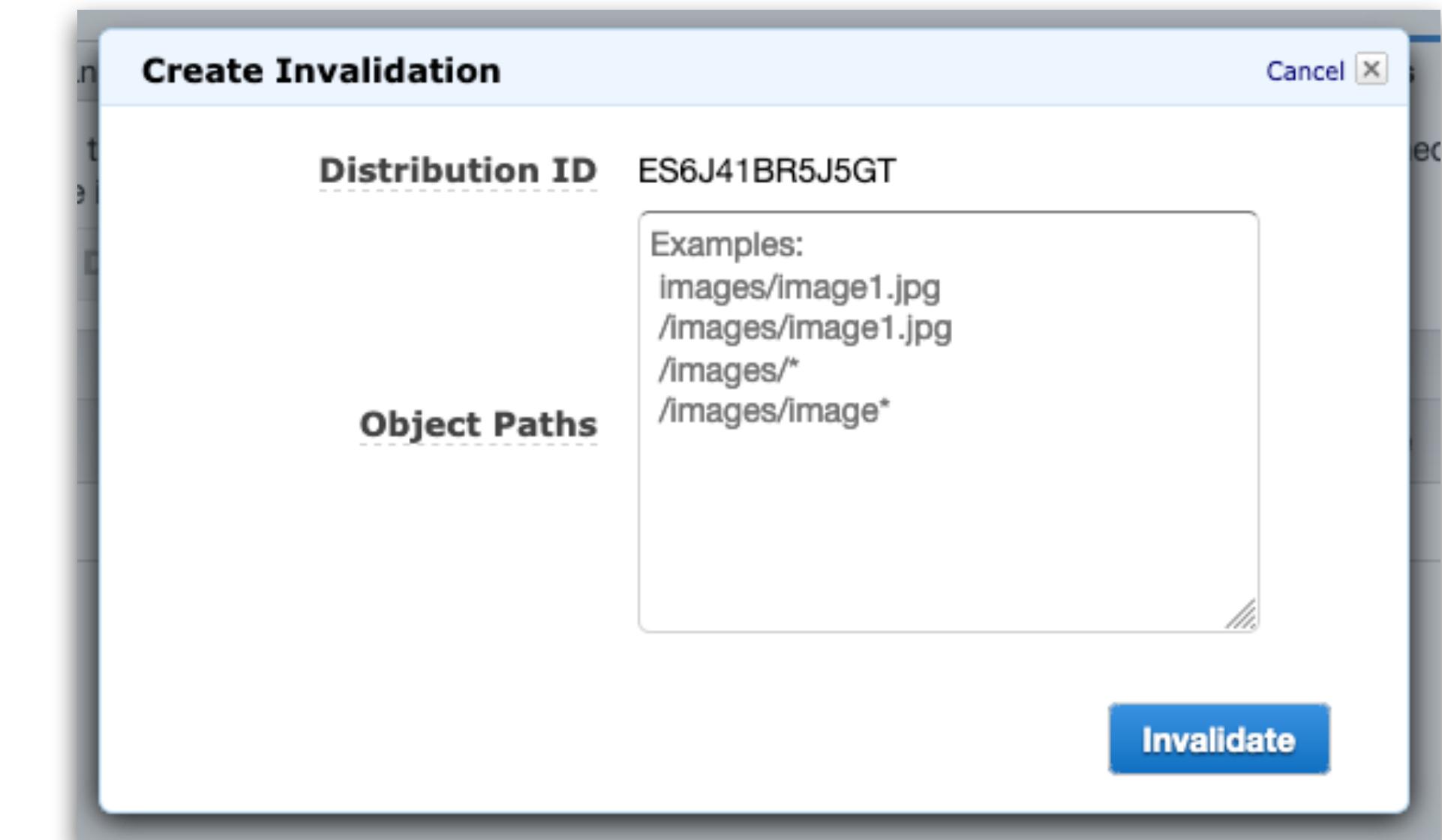
Response headers (396 B)

Raw headers

- age: 53
- content-encoding: gzip
- content-type: text/css
- date: Thu, 30 May 2019 13:22:47 GMT
- last-modified: Fri, 15 Mar 2019 07:04:12 GMT
- server: nginx/1.12.2
- vary: Accept-Encoding
- via: 1.1 9dd61138197a68f8d69f12574a...0.cloudfront.net (CloudFront)
- x-amz-cf-id: tI1AIQmbIA0jWFIna0H0AZINIYkERBXN2MYEALc_4Sxzf8lc4I61ng==
- x-cache: Hit from cloudfront
- X-Firefox-Spdy: h2



Invalidation



Invalidation

```
aws cloudfront create-invalidation --distribution-id  
$CDN_DISTRIBUTION_ID --paths /css/style.css
```

Invalidation

```
aws cloudfront create-invalidation --distribution-id  
$CDN_DISTRIBUTION_ID --paths "/*"
```

Invalidation Limits

Paths	Wildcard
-------	----------

Invalidation Limits

Paths	Wildcard
3000 files per distribution at one time	

Invalidation Limits

Paths	Wildcard
3000 files per distribution at one time	
1 Invalidation = 3000 Files	

Invalidation Limits

Paths	Wildcard
3000 files per distribution at one time	
1 Invalidations = 3000 Files	
3000 Invalidations = 1 File	

Invalidation Limits

Paths	Wildcard
3000 files per distribution at one time	
1 Invalidations = 3000 Files	
3000 Invalidations = 1 File	
>3000 files = CloudFront Errors	

Invalidation Limits

Paths	Wildcard
3000 files per distribution at one time	
1 Invalidations = 3000 Files	
3000 Invalidations = 1 File	
>3000 files = CloudFront Errors	

Invalidation Limits

Paths	Wildcard
3000 files per distribution at one time	
1 Invalidations = 3000 Files	
3000 Invalidations = 1 File	
>3000 files = CloudFront Errors	
	15 paths at one time
	3000 files at one time

Invalidation Costs

Paths	Distributions
-------	---------------

Invalidation Costs

Paths	Distributions
1st 1000 paths = Free	

Invalidation Costs

Paths	Distributions
1st 1000 paths = Free	
Each path/month > 1000 = \$	

Invalidation Costs

Paths	Distributions
1st 1000 paths = Free	
Each path/month > 1000 = \$	
\$0.005 per invalidation	

Invalidation Costs

Paths	Distributions
1st 1000 paths = Free	1000 limit is across all distributions
Each path/month > 1000 = \$ \$0.005 per invalidation	

Invalidation Costs

Paths	Distributions
1st 1000 paths = Free	1000 limit is across all distributions
Each path/month > 1000 = \$ \$0.005 per invalidation	3 distributions X 600 Invalidations Paths

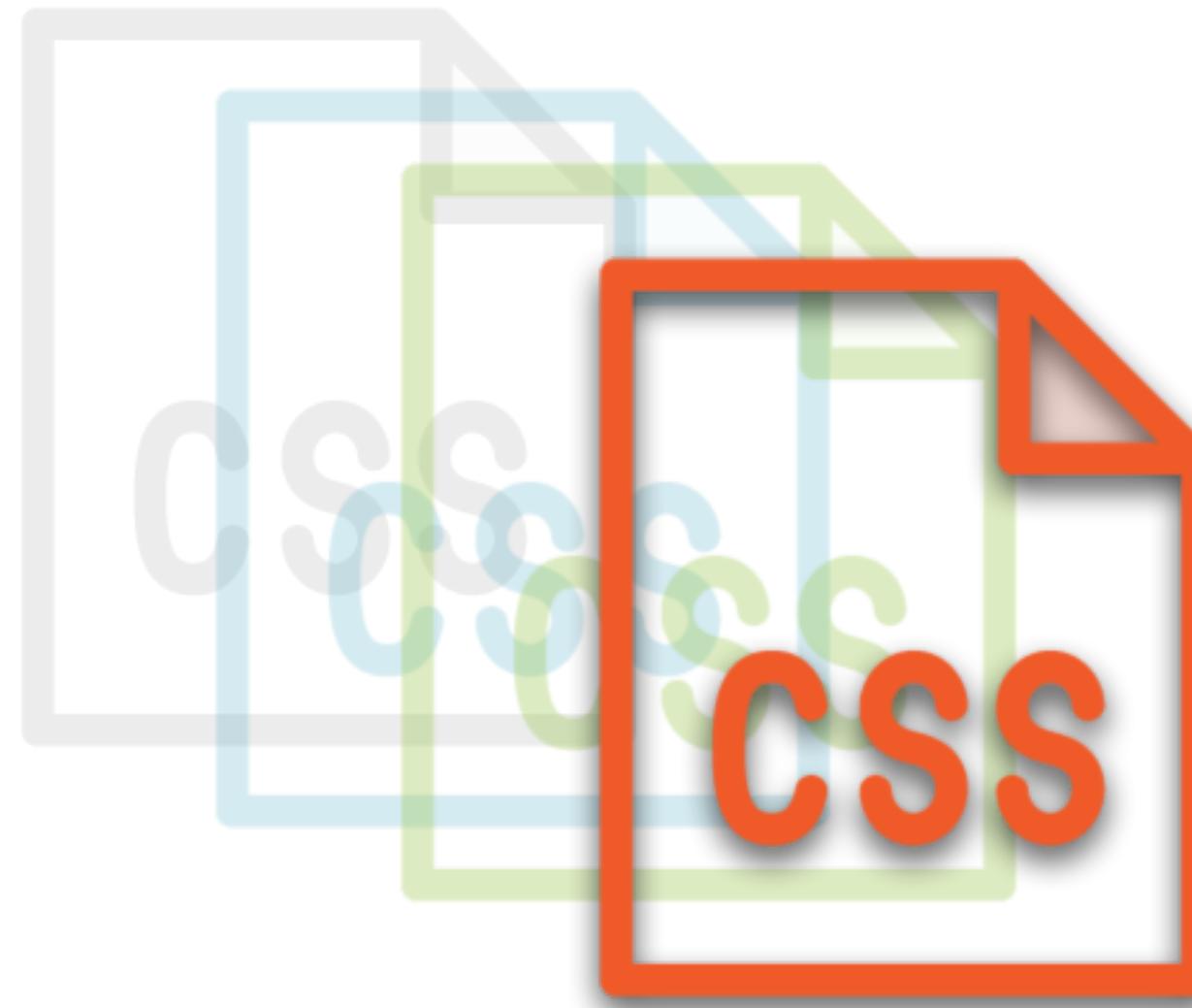
Invalidation Costs

Paths	Distributions
1st 1000 paths = Free	1000 limit is across all distributions
Each path/month > 1000 = \$ \$0.005 per invalidation	3 distributions X 600 Invalidations Paths 1800 paths = \$ for 800 paths

Invalidation Costs

Paths	Distributions
1st 1000 paths = Free	1000 limit is across all distributions
Each path/month > 1000 = \$ \$0.005 per invalidation	3 distributions X 600 Invalidations Paths 1800 paths = \$ for 800 paths Monthly cost = ~\$4.00

Versioning



Versioning

```
-rw-r--r-- 1 . . . 28043 Apr 22 12:43 ./css/style.css
```

Versioning

/css/style-1.0.css

Developer Tools - Any Developer Conference Anywhere - https://www.dyrcz.me/

Inspector Console Debugger Style Editor Performance Memory Network Storage Accessibility HTTPS Everywhere

Filter URLs

Status	Method	Domain	File	Source	Type	Transferred	Size	Time	Local	Local	Local	Local
200	GET	www.dyrcz.me	/		document html	7.52 kB	46.81 kB					1728 ms
200	GET	fonts.googleapis.com	css?family=Open+Sans:300,3... stylesheet	css	1.45 kB	18.26 kB		174 ms				
200	GET	www.dyrcz.me	bootstrap.min.css	stylesheet	css	20.97 kB	138.71 kB		47 ms			
200	GET	www.dyrcz.me	font-awesome.min.css	stylesheet	css	7.24 kB	30.27 kB		47 ms			
200	GET	www.dyrcz.me	style-1.0.css	stylesheet	css	5.49 kB	27.39 kB		1212 ms			
200	GET	www.dyrcz.me	animate.min.css	stylesheet	css	2.98 kB	16.57 kB		48 ms			
200	GET	www.dyrcz.me	venobox.css	stylesheet	css	3.40 kB	19.69 kB		54 ms			
200	GET	www.dyrcz.me	owl.carousel.min.css	stylesheet	css	1.29 kB	2.87 kB		53 ms			
200	GET	www.dyrcz.me	logo.png	img	png	5.14 kB	4.73 kB		29 ms			
200	GET	www.dyrcz.me	1.jpg	img	jpeg	43.75 kB	43.34 kB		47 ms			
200	GET	www.dyrcz.me	2.jpg	img	jpeg	48.63 kB	48.22 kB		70 ms			
200	GET	www.dyrcz.me	3.jpg	img	jpeg	14.36 kB	13.94 kB		97 ms			
200	GET	www.dyrcz.me	4.jpg	img	jpeg	52.42 kB	52 kB		90 ms			
200	GET	www.dyrcz.me	5.jpg	img	jpeg	30 kB	29.59 kB		77 ms			
200	GET	www.dyrcz.me	6.jpg	img	jpeg	16.17 kB	15.75 kB		97 ms			
200	GET	www.dyrcz.me	1.jpg	img	jpeg	288.52 kB	288.11 kB		188 ms			
200	GET	www.dyrcz.me	2.jpg	img	jpeg	107.48 kB	107.07 kB		133 ms			
200	GET	www.dyrcz.me	3.jpg	img	jpeg	116.93 kB	116.51 kB		218 ms			
200	GET	www.dyrcz.me	4.jpg	img	jpeg	56.34 kB	55.93 kB		139 ms			
200	GET	www.dyrcz.me	5.jpg	img	jpeg	153.64 kB	153.23 kB		295 ms			
200	GET	www.dyrcz.me	6.jpg	img	jpeg	189.40 kB	188.98 kB		203 ms			
200	GET	www.dyrcz.me	7.jpg	img	jpeg	112.29 kB	111.88 kB		301 ms			
200	GET	www.dyrcz.me	8.jpg	img	jpeg	91.95 kB	91.53 kB		302 ms			
200	GET	www.dyrcz.me	1.jpg	img	jpeg	96.35 kB	95.94 kB		308 ms			
200	GET	www.dyrcz.me	2.jpg	img	jpeg	73.35 kB	72.93 kB		307 ms			

108 requests | 5.90 MB / 5.06 MB transferred | Finish: 6.37 s | DOMContentLoaded: 3.09 s | load: 4.60 s

Headers Cookies Params Response Timings Stack Trace Security

Request URL: https://www.dyrcz.me/
 Request method: GET
 Remote address: 143.204.47.65:443
 Status code: 200 OK
 Version: HTTP/2.0
 Referrer Policy: no-referrer-when-downgrade

Edit and Resend

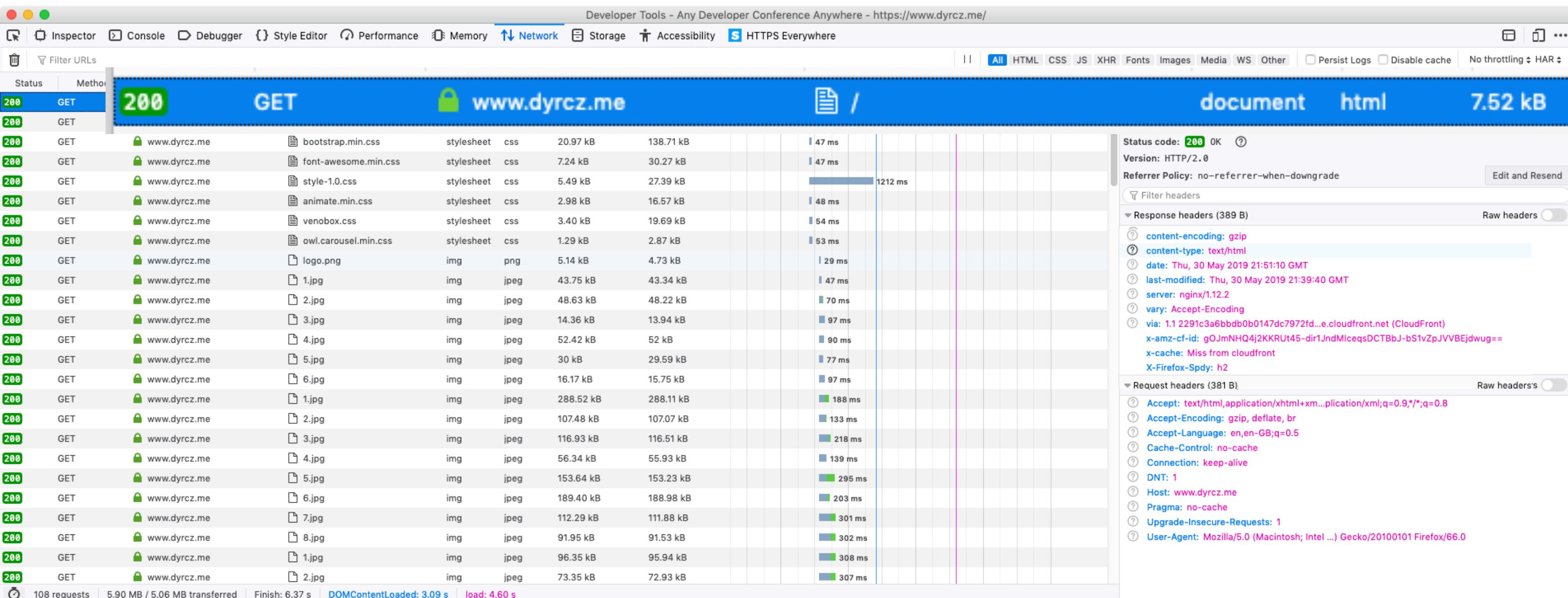
Filter headers

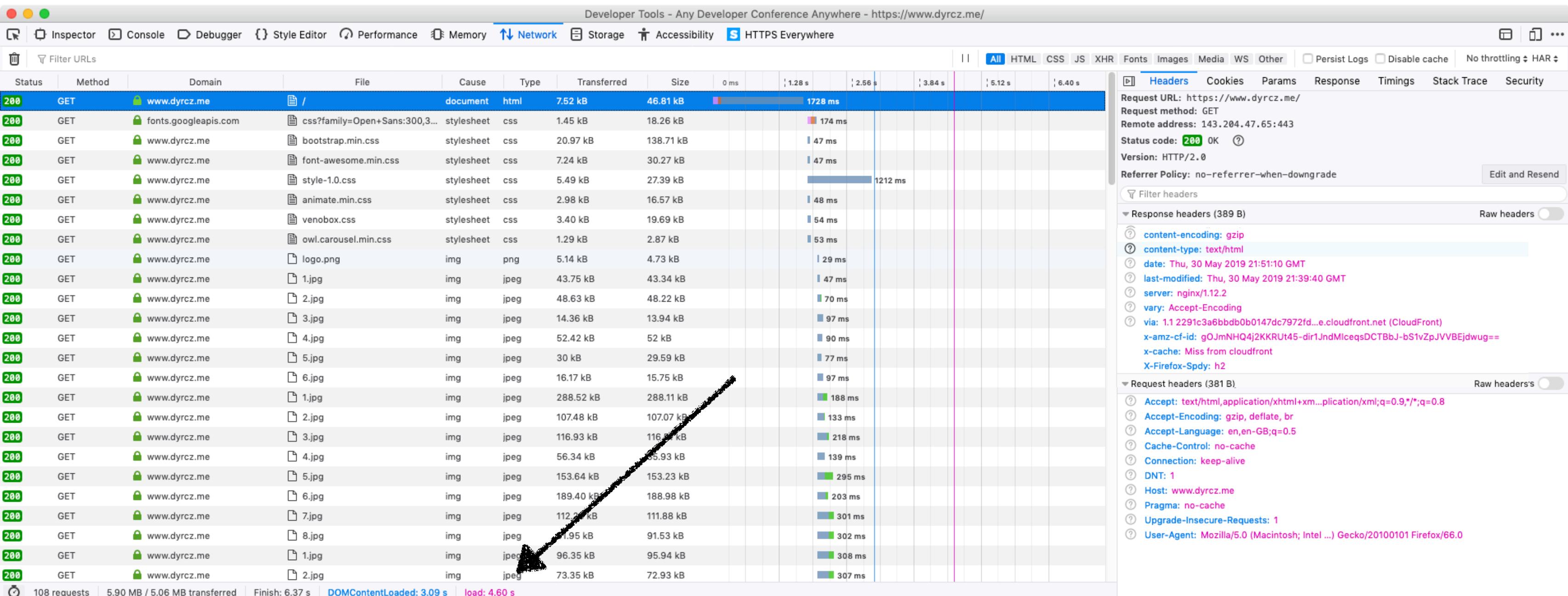
Response headers (389 B) Raw headers

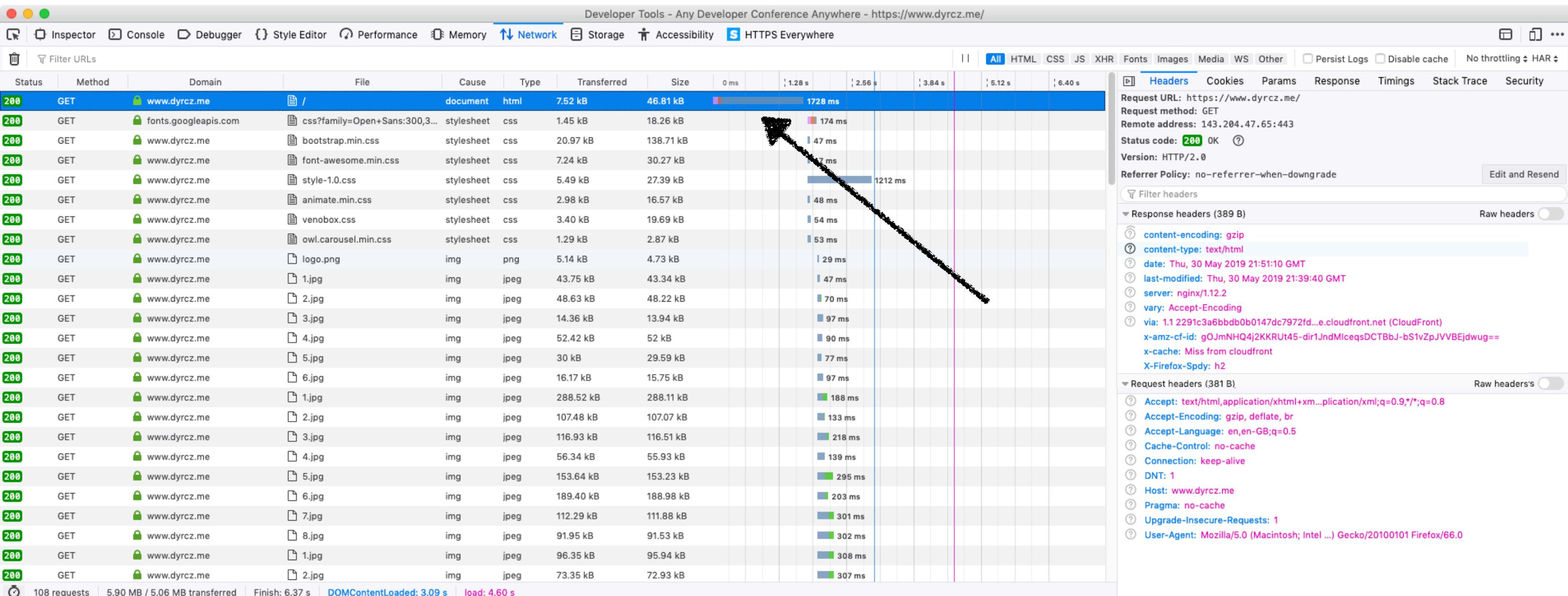
content-encoding: gzip
 content-type: text/html
 date: Thu, 30 May 2019 21:51:10 GMT
 last-modified: Thu, 30 May 2019 21:39:40 GMT
 server: nginx/1.12.2
 vary: Accept-Encoding
 via: 1.1 2291c3a6bbdb0b0147dc7972fd...e.cloudfront.net (CloudFront)
 x-amz-cf-id: gOJmNHQ4j2KRUt45-dir1JndMiceqsDCTBbj-bS1vZpJVVBEdwug==
 x-cache: Miss from cloudfront
 X-Firefox-Spdy: h2

Request headers (381 B) Raw headers

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
 Accept-Encoding: gzip, deflate, br
 Accept-Language: en,en-GB;q=0.5
 Cache-Control: no-cache
 Connection: keep-alive
 DNT: 1
 Host: www.dyrcz.me
 Pragma: no-cache
 Upgrade-Insecure-Requests: 1
 User-Agent: Mozilla/5.0 (Macintosh; Intel ...) Gecko/20100101 Firefox/66.0







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Inspector Console Debugger Style Editor Performance Memory Network Storage Accessibility HTTPS Everywhere

Status Method Domain File Cause Type Transferred Size 0 ms 1.28 s 2.56 s 3.84 s 5.12 s 6.40 s Headers Cookies Params Response Timings Stack Trace Security

Status	Method	Domain	File	Cause	Type	Transferred	Size	0 ms	1.28 s	2.56 s	3.84 s	5.12 s	6.40 s	Headers	Cookies	Params	Response	Timings	Stack Trace	Security
200	GET	www.dyrcz.me	/	document	html	7.52 kB	46.81 kB	0 ms	1728 ms											
200	GET	fonts.googleapis.com	css?family=Open+Sans:300:400&subset=latin,latin-ext	stylesheet	css	1.45 kB	18.26 kB		174 ms											
200	GET	www.dyrcz.me	bootstrap.css																	
200	GET	www.dyrcz.me	font-awesome.css																	
200	GET	www.dyrcz.me	style-1.0.css																	
200	GET	www.dyrcz.me	animate.css																	
200	GET	www.dyrcz.me	venobox.min.css																	
200	GET	www.dyrcz.me	owl.carousel.css																	
200	GET	www.dyrcz.me	logo.png																	
200	GET	www.dyrcz.me	1.jpg																	
200	GET	www.dyrcz.me	2.jpg																	
200	GET	www.dyrcz.me	3.jpg																	
200	GET	www.dyrcz.me	4.jpg																	
200	GET	www.dyrcz.me	5.jpg																	
200	GET	www.dyrcz.me	6.jpg																	
200	GET	www.dyrcz.me	1.jpg																	
200	GET	www.dyrcz.me	2.jpg																	
200	GET	www.dyrcz.me	3.jpg																	
200	GET	www.dyrcz.me	4.jpg																	
200	GET	www.dyrcz.me	5.jpg																	
200	GET	www.dyrcz.me	6.jpg		img	jpeg	189.40 kB	188.98 kB		203 ms										
200	GET	www.dyrcz.me	7.jpg		img	jpeg	112.29 kB	111.88 kB		301 ms										
200	GET	www.dyrcz.me	8.jpg		img	jpeg	91.95 kB	91.53 kB		302 ms										
200	GET	www.dyrcz.me	1.jpg		img	jpeg	96.35 kB	95.94 kB		308 ms										
200	GET	www.dyrcz.me	2.jpg		img	jpeg	73.35 kB	72.93 kB		307 ms										

Request URL: https://www.dyrcz.me/
Request method: GET
Remote address: 142.204.17.55:443

content-encoding: gzip
content-type: text/html
date: Thu, 30 May 2019 21:51:10 GMT
last-modified: Thu, 30 May 2019 21:39:40 GMT
server: nginx/1.12.2
vary: Accept-Encoding
via: 1.1 2291c3a6bbdb0b0147dc7972fd...e.cloudfront.net (CloudFront)
x-amz-cf-id: gOJmNHQ4j2KKRUt45-dir1JndMlceqsDCTBbJ-bS1vZpJVVBEdwug==
x-cache: Miss from cloudfront
X-Firefox-Spdy: h2

Reauest headers (381 B)

Raw headers

- Host: www.dyrcz.me
- Pragma: no-cache
- Upgrade-Insecure-Requests: 1
- User-Agent: Mozilla/5.0 (Macintosh; Intel ...) Gecko/20100101 Firefox/66.0

108 requests | 5.90 MB / 5.06 MB transferred | Finish: 6.37 s | DOMContentLoaded: 3.09 s | load: 4.60 s

Developer Tools - Any Developer Conference Anywhere - https://www.dyrcz.me/

Inspector Console Debugger Style Editor Performance Memory Network Storage Accessibility HTTPS Everywhere

Status Method Domain File Cause Type Transferred Size 0 ms 1.28 s 2.56 s 3.84 s 5.12 s 6.40 s Headers Cookies Params Response Timings Stack Trace Security

Status	Method	Domain	File	Cause	Type	Transferred	Size	0 ms	1.28 s	2.56 s	3.84 s	5.12 s	6.40 s	Headers	Cookies	Params	Response	Timings	Stack Trace	Security
200	GET	www.dyrcz.me	/		document html	7.52 kB	46.81 kB		1728 ms											
200	GET	fonts.googleapis.com	css?family=Open+Sans:300:400&subset=latin,latin-ext		stylesheet css	1.45 kB	18.26 kB		174 ms											
200	GET	www.dyrcz.me	bootstrap.css																	
200	GET	www.dyrcz.me	font-awesome.css																	
200	GET	www.dyrcz.me	style-1.0.css																	
200	GET	www.dyrcz.me	animate.css																	
200	GET	www.dyrcz.me	venobox.min.css																	
200	GET	www.dyrcz.me	owl.carousel.css																	
200	GET	www.dyrcz.me	logo.png																	
200	GET	www.dyrcz.me	1.jpg																	
200	GET	www.dyrcz.me	2.jpg																	
200	GET	www.dyrcz.me	3.jpg																	
200	GET	www.dyrcz.me	4.jpg																	
200	GET	www.dyrcz.me	5.jpg																	
200	GET	www.dyrcz.me	6.jpg																	
200	GET	www.dyrcz.me	1.jpg																	
200	GET	www.dyrcz.me	2.jpg																	
200	GET	www.dyrcz.me	3.jpg																	
200	GET	www.dyrcz.me	4.jpg																	
200	GET	www.dyrcz.me	5.jpg																	
200	GET	www.dyrcz.me	6.jpg		img jpeg	189.40 kB	188.98 kB			203 ms										
200	GET	www.dyrcz.me	7.jpg		img jpeg	112.29 kB	111.88 kB			301 ms										
200	GET	www.dyrcz.me	8.jpg		img jpeg	91.95 kB	91.53 kB			302 ms										
200	GET	www.dyrcz.me	1.jpg		img jpeg	96.35 kB	95.94 kB			308 ms										
200	GET	www.dyrcz.me	2.jpg		img jpeg	73.35 kB	72.93 kB			307 ms										

Request URL: https://www.dyrcz.me/
Request method: GET
Remote address: 142.204.17.55:443

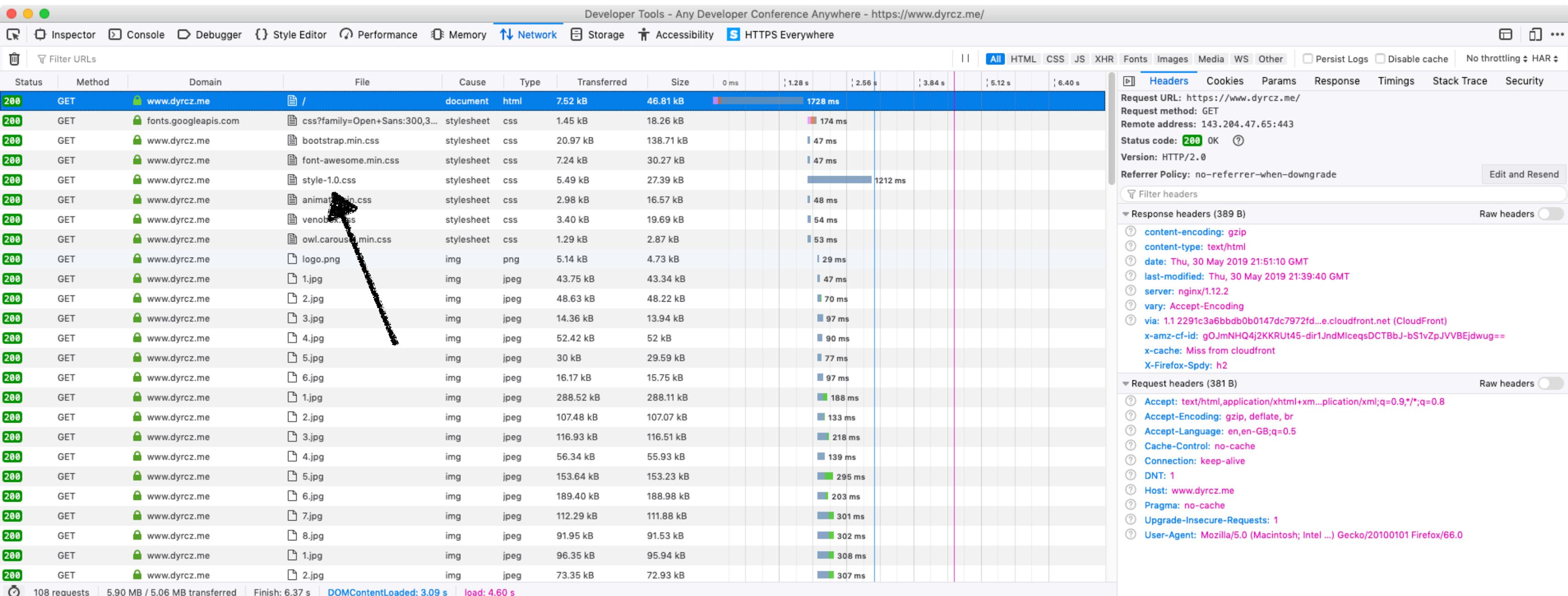
content-encoding: gzip
content-type: text/html
date: Thu, 30 May 2019 21:51:10 GMT
last-modified: Thu, 30 May 2019 21:39:40 GMT
server: nginx/1.12.2
vary: Accept-Encoding
via: 1.1 2291c3a6bbdb0b0147dc7972fd...e.cloudfront.net (CloudFront)
x-amz-cf-id: gOJmNHQ4j2KKRUt45-dir1JndMlceqsDCTBbJ-bS1vZpJVVBEdwug==
x-cache: Miss from cloudfront
X-Firefox-Spdy: h2

Reauest headers (381 B)

Raw headers

- Host: www.dyrcz.me
- Pragma: no-cache
- Upgrade-Insecure-Requests: 1
- User-Agent: Mozilla/5.0 (Macintosh; Intel ...) Gecko/20100101 Firefox/66.0

108 requests | 5.90 MB / 5.06 MB transferred | Finish: 6.37 s | DOMContentLoaded: 3.09 s | load: 4.60 s



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Filter URLs

Status	Method	Domain	File	Cause	Type	Transferred	Size	0 ms	1.28 s	2.56 s	3.84 s	5.12 s	6.40 s
200	GET	www.dyrcz.me	/	document	html	7.52 kB	46.81 kB		1728 ms				
200	GET	fonts.googleapis.com	css?family=Open+Sans:300,3...	stylesheet	css	1.45 kB	18.26 kB		174 ms				
200	GET	www.dyrcz.me	bootstrap.min.css	stylesheet	css	20.97 kB	138.71 kB		47 ms				
200	GET	www.dyrcz.me	font-awesome.min.css	stylesheet	css	7.24 kB	30.27 kB		47 ms				
200	GET	www.dyrcz.me	style-1.0.css	stylesheet	css	5.49 kB	27.39 kB		1212 ms				
200	GET	www.dyrcz.me	animate.min.css	stylesheet	css	2.98 kB	16.57 kB		48 ms				
200	GET	www.dyrcz.me	venobox.css	stylesheet	css	3.40 kB	19.69 kB		54 ms				
200	GET	www.dyrcz.me	owl.carousel.min.css	stylesheet	css	1.29 kB	2.87 kB		53 ms				
200	GET	www.dyrcz.me	logo.png	img	png	5.14 kB	4.73 kB		29 ms				
200	GET	www.dyrcz.me	1.jpg	img	jpeg	43.75 kB	43.34 kB		47 ms				
200	GET	www.dyrcz.me	2.jpg	img	jpeg	48.63 kB	48.22 kB		70 ms				
200	GET	www.dyrcz.me	3.jpg	img	jpeg	14.36 kB	13.94 kB		97 ms				
200	GET	www.dyrcz.me	4.jpg	img	jpeg	52.42 kB	52 kB		90 ms				
200	GET	www.dyrcz.me	5.jpg	img	jpeg	30 kB	29.59 kB		77 ms				
200	GET	www.dyrcz.me	6.jpg	img	jpeg	16.17 kB	15.75 kB		97 ms				
200	GET	www.dyrcz.me	1.jpg	img	jpeg	288.52 kB	288.11 kB		188 ms				
200	GET	www.dyrcz.me	2.jpg	img	jpeg	107.48 kB	107.07 kB		133 ms				
200	GET	www.dyrcz.me	3.jpg	img	jpeg	116.93 kB	116.51 kB		218 ms				
200	GET	www.dyrcz.me	4.jpg	img	jpeg	56.34 kB	55.93 kB		139 ms				
200	GET	www.dyrcz.me	5.jpg	img	jpeg	153.64 kB	153.23 kB		295 ms				
200	GET	www.dyrcz.me	6.jpg	img	jpeg	189.40 kB	188.98 kB		203 ms				
200	GET	www.dyrcz.me	7.jpg	img	jpeg	112.29 kB	111.88 kB		301 ms				
200	GET	www.dyrcz.me	8.jpg	img	jpeg	91.95 kB	91.53 kB		302 ms				
200	GET	www.dyrcz.me	1.jpg	img	jpeg	96.35 kB	95.94 kB		308 ms				
200	GET	www.dyrcz.me	2.jpg	img	jpeg	73.35 kB	72.93 kB		307 ms				

108 requests 5.90 MB / 5.06 MB transferred Finish: 6.37 s DOMContentLoaded: 3.09 s load: 4.60 s

All HTML CSS JS XHR Fonts Images Media WS Other Persist Logs Disable cache No throttling HAR

Headers Cookies Params Response Timings Stack Trace Security

Request URL: https://www.dyrcz.me/ Request method: GET Remote address: 143.204.47.65:443 Status code: 200 OK Version: HTTP/2.0 Referrer Policy: no-referrer-when-downgrade Edit and Resend Filter headers Response headers (389 B) Raw headers content-encoding: gzip content-type: text/html date: Thu, 30 May 2019 21:51:10 GMT last-modified: Thu, 30 May 2019 21:39:40 GMT server: nginx/1.12.2 vary: Accept-Encoding via: 1.1 2291c3a6bbdb0b0147dc7972fd...e.cloudfront.net (CloudFront) x-amz-cf-id: gOJmNHQ4j2KKRUt45-dir1JndMiceqsDCTBbj-bS1vZpJVVBEdwug== x-cache: Miss from cloudfront X-Firefox-Spdy: h2 Request headers (381 B) Raw headers Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8 Accept-Encoding: gzip, deflate, br Accept-Language: en,en-GB;q=0.5 Cache-Control: no-cache Connection: keep-alive DNT: 1 Host: www.dyrcz.me Pragma: no-cache Upgrade-Insecure-Requests: 1 User-Agent: Mozilla/5.0 (Macintosh; Intel ...) Gecko/20100101 Firefox/66.0

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Inspector		Console		Debugger		Style Editor		Performance		Memory		Network		Storage		Accessibility		HTTPS Everywhere															
Delete	Filter URLs																			All	HTML	CSS	JS	XHR	Fonts	Images	Media	WS	Other	<input type="checkbox"/> Persist Logs	<input type="checkbox"/> Disable cache	<input type="checkbox"/> No throttling	
Status	Method	Domain	File		Cause		Type	Transferred		Size	0 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	/		document		html	7.53 kB		46.81 kB	90 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	fonts.googleapis.com	css?family=Open+Sans:300,300i,400,400i,700,700i Raleway:300,400,500,700,800		stylesheet		css	1.48 kB		18.45 kB	108 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	bootstrap.min.css		stylesheet		css	20.97 kB		138.71 kB	31 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	font-awesome.min.css		stylesheet		css	7.24 kB		30.27 kB	37 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	animate.min.css		stylesheet		css	2.98 kB		16.57 kB	37 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	venobox.css		stylesheet		css	3.40 kB		19.69 kB	37 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	owl.carousel.min.css		stylesheet		css	1.29 kB		2.87 kB	45 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	style-1.0.css		stylesheet		css	5.50 kB		27.39 kB	45 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	jquery.min.js		script		js	29.93 kB		84.63 kB	53 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	jquery-migrate.min.js		script		js	3.06 kB		6.92 kB	80 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	bootstrap.bundle.min.js		script		js	20.71 kB		69.30 kB	67 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	easing.min.js		script		js	1.16 kB		2.25 kB	67 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	hoverIntent.js		script		js	2.72 kB		6.91 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	superfish.min.js		script		js	2.25 kB		4.37 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	wow.min.js		script		js	3.17 kB		7.97 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	venobox.min.js		script		js	4 kB		11.05 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	owl.carousel.min.js		script		js	11.12 kB		41.76 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	contactform.js		script		js	1.24 kB		3.30 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	main.js		script		js	1.89 kB		4.48 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	logo.png		img		png	5.14 kB		4.73 kB	25 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	1.jpg		img		jpeg	43.75 kB		43.34 kB	35 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	2.jpg		img		jpeg	48.63 kB		48.22 kB	42 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	3.jpg		img		jpeg	14.36 kB		13.94 kB	46 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	4.jpg		img		jpeg	52.42 kB		52 kB	64 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	5.jpg		img		jpeg	30 kB		29.59 kB	69 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																

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Inspector Console Debugger Style Editor Performance Memory Network Storage Accessibility HTTPS Everywhere

Filter URLs

Status	Method	Domain	File	Cause	Type	Transferred	Size	0 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s						
							All	HTML	CSS	JS	XHR	Fonts	Images	Media	WS	Other		Persist Logs	Disable cache	No throttling
200	GET	www.dyrcz.me	/	document	html	7.53 kB	46.81 kB	90 ms												
200	GET	fonts.googleapis.com	css?family=Open+Sans:300,300i,400,400i,700,700i Raleway:300,400,500,700,800	stylesheet	css	1.48 kB	18.45 kB	108 ms												
200	GET	www.dyrcz.me	bootstrap.min.css	stylesheet	css	20.97 kB	138.71 kB	31 ms												
200	GET	www.dyrcz.me	font-awesome.min.css	stylesheet	css	7.24 kB	30.27 kB	37 ms												
200	GET	www.dyrcz.me	animate.min.css	stylesheet	css	2.98 kB	16.57 kB	37 ms												
200	GET	www.dyrcz.me	venobox.css	stylesheet	css	3.40 kB	19.69 kB	37 ms												
200	GET	www.dyrcz.me	owl.carousel.min.css	stylesheet	css	1.29 kB	2.87 kB	45 ms												
200	GET	www.dyrcz.me	style-1.0.css	stylesheet	css	5.50 kB	27.39 kB	45 ms												
200	GET	www.dyrcz.me	jquery.min.js	script	js	29.93 kB	84.63 kB	53 ms												
200	GET	www.dyrcz.me	jquery-migrate.min.js	script	js	3.06 kB	6.92 kB	80 ms												
200	GET	www.dyrcz.me	bootstrap.bundle.min.js	script	js	20.71 kB	69.30 kB	67 ms												
200	GET	www.dyrcz.me	easing.min.js	script	js	1.16 kB	2.25 kB	67 ms												
200	GET	www.dyrcz.me	hoverIntent.js	script	js	2.72 kB	6.91 kB	73 ms												
200	GET	www.dyrcz.me	superfish.min.js	script	js	2.25 kB	4.37 kB	73 ms												
200	GET	www.dyrcz.me	wow.min.js	script	js	3.17 kB	7.97 kB	73 ms												
200	GET	www.dyrcz.me	venobox.min.js	script	js	4 kB	11.05 kB	73 ms												
200	GET	www.dyrcz.me	owl.carousel.min.js	script	js	11.12 kB	41.76 kB	73 ms												
200	GET	www.dyrcz.me	contactform.js	script	js	1.24 kB	3.30 kB	73 ms												
200	GET	www.dyrcz.me	main.js	script	js	1.89 kB	4.48 kB	73 ms												
200	GET	www.dyrcz.me	logo.png	img	png	5.14 kB	4.73 kB	25 ms												
200	GET	www.dyrcz.me	1.jpg	img	jpeg	43.75 kB	43.34 kB	35 ms												
200	GET	www.dyrcz.me	2.jpg	img	jpeg	48.63 kB	48.22 kB	42 ms												
200	GET	www.dyrcz.me	3.jpg	img	jpeg	14.36 kB	13.94 kB	46 ms												
200	GET	www.dyrcz.me	4.jpg	img	jpeg	52.42 kB	52 kB	64 ms												
200	GET	www.dyrcz.me	5.jpg	img	jpeg	30 kB	29.59 kB	69 ms												

101 requests | 5.48 MB / 4.84 MB transferred | Finish: 3.73 s | DOMContentLoaded: 484 ms | load: 1.49 s



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Inspector Console Debugger Style Editor Performance Memory Network Storage Accessibility HTTPS Everywhere

Filter URLs

Status	Method	Domain	File	Cause	Type	Transferred	Size	0 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s
All HTML CSS JS XHR Fonts Images Media WS Other														
Persist Logs Disable cache No throttling HA														
200	GET	www.dyrcz.me	/	document	html	7.53 kB	46.81 kB	90 ms						
200	GET	fonts.googleapis.com	css?family=Open+Sans:300,300i,400,400i,700,700i Raleway:300,400,500,700,800	stylesheet	css	1.48 kB	18.45 kB	108 ms						
200	GET	www.dyrcz.me	bootstrap.min.css	stylesheet	css	20.97 kB	138.71 kB	ms						
200	GET	www.dyrcz.me	font-awesome.min.css	stylesheet	css	7.24 kB	30.27 kB	37 ms						
200	GET	www.dyrcz.me	animate.min.css	stylesheet	css	2.98 kB	16.57 kB	37 ms						
200	GET	www.dyrcz.me	venobox.css	stylesheet	css	3.40 kB	19.69 kB	37 ms						
200	GET	www.dyrcz.me	owl.carousel.min.css	stylesheet	css	1.29 kB	2.87 kB	45 ms						
200	GET	www.dyrcz.me	style-1.0.css	stylesheet	css	5.50 kB	27.39 kB	45 ms						
200	GET	www.dyrcz.me	jquery.min.js	script	js	29.93 kB	84.63 kB	53 ms						
200	GET	www.dyrcz.me	jquery-migrate.min.js	script	js	3.06 kB	6.92 kB	80 ms						
200	GET	www.dyrcz.me	bootstrap.bundle.min.js	script	js	20.71 kB	69.30 kB	67 ms						
200	GET	www.dyrcz.me	easing.min.js	script	js	1.16 kB	2.25 kB	67 ms						
200	GET	www.dyrcz.me	hoverIntent.js	script	js	2.72 kB	6.91 kB	73 ms						
200	GET	www.dyrcz.me	superfish.min.js	script	js	2.25 kB	4.37 kB	73 ms						
200	GET	www.dyrcz.me	wow.min.js	script	js	3.17 kB	7.97 kB	73 ms						
200	GET	www.dyrcz.me	venobox.min.js	script	js	4 kB	11.05 kB	73 ms						
200	GET	www.dyrcz.me	owl.carousel.min.js	script	js	11.12 kB	41.76 kB	73 ms						
200	GET	www.dyrcz.me	contactform.js	script	js	1.24 kB	3.30 kB	73 ms						
200	GET	www.dyrcz.me	main.js	script	js	1.89 kB	4.48 kB	73 ms						
200	GET	www.dyrcz.me	logo.png	img	png	5.14 kB	4.73 kB	25 ms						
200	GET	www.dyrcz.me	1.jpg	img	jpeg	43.75 kB	43.34 kB	35 ms						
200	GET	www.dyrcz.me	2.jpg	img	jpeg	48.63 kB	48.22 kB	42 ms						
200	GET	www.dyrcz.me	3.jpg	img	jpeg	14.36 kB	13.94 kB	46 ms						
200	GET	www.dyrcz.me	4.jpg	img	jpeg	52.42 kB	52 kB	64 ms						
200	GET	www.dyrcz.me	5.jpg	img	jpeg	30 kB	29.59 kB	69 ms						

101 requests | 5.48 MB / 4.84 MB transferred | Finish: 3.73 s | DOMContentLoaded: 484 ms | load: 1.49 s

Developer Tools - Any Developer Conference Anywhere - https://www.dyrcz.me/																																	
Inspector		Console		Debugger		Style Editor		Performance		Memory		Network		Storage		Accessibility		HTTPS Everywhere															
Delete	Filter URLs																			All	HTML	CSS	JS	XHR	Fonts	Images	Media	WS	Other	<input type="checkbox"/> Persist Logs	<input type="checkbox"/> Disable cache	<input type="checkbox"/> No throttling	
Status	Method	Domain	File		Cause		Type	Transferred		Size	0 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	/		document		html	7.53 kB		46.81 kB	90 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	fonts.googleapis.com	css?family=Open+Sans:300,300i,400,400i,700,700i Raleway:300,400,500,700,800		stylesheet		css	1.48 kB		18.45 kB	108 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	bootstrap.min.css		stylesheet		css	20.97 kB		138.71 kB	31 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	font-awesome.min.css		stylesheet		css	7.24 kB		30.27 kB	37 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	animate.min.css		stylesheet		css	2.98 kB		16.57 kB	37 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	venobox.css		stylesheet		css	3.40 kB		19.69 kB	37 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	owl.carousel.min.css		stylesheet		css	1.29 kB		2.87 kB	45 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	style-1.0.css		stylesheet		css	5.50 kB		27.39 kB	45 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	jquery.min.js		script		js	29.93 kB		84.63 kB	53 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	jquery-migrate.min.js		script		js	3.06 kB		6.92 kB	80 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	bootstrap.bundle.min.js		script		js	20.71 kB		69.30 kB	67 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	easing.min.js		script		js	1.16 kB		2.25 kB	67 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	hoverIntent.js		script		js	2.72 kB		6.91 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	superfish.min.js		script		js	2.25 kB		4.37 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	wow.min.js		script		js	3.17 kB		7.97 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	venobox.min.js		script		js	4 kB		11.05 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	owl.carousel.min.js		script		js	11.12 kB		41.76 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	contactform.js		script		js	1.24 kB		3.30 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	main.js		script		js	1.89 kB		4.48 kB	73 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	logo.png		img		png	5.14 kB		4.73 kB	25 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	1.jpg		img		jpeg	43.75 kB		43.34 kB	35 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	2.jpg		img		jpeg	48.63 kB		48.22 kB	42 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	3.jpg		img		jpeg	14.36 kB		13.94 kB	46 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	4.jpg		img		jpeg	52.42 kB		52 kB	64 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																
200	GET	www.dyrcz.me	5.jpg		img		jpeg	30 kB		29.59 kB	69 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s																

Developer Tools - Any Developer Conference Anywhere - https://www.dyrcz.me/

Inspector Console Debugger Style Editor Performance Memory Network Storage Accessibility HTTPS Everywhere

Filter URLs

Status	Method	Domain	File	Cause	Type	Transferred	Size	0 ms	640 ms	1.28 s	1.92 s	2.56 s	3.20 s	3.84 s
200	GET	www.dyrcz.me	/	document	html	7.53 kB	46.81 kB	90 ms						
200	GET	fonts.googleapis.com	css?family=Open+Sans:300,300i,400,400i,700,700i Raleway:300,400,500,700,800	stylesheet	css	1.48 kB	18.45 kB	108 ms						
200	GET	www.dyrcz.me	bootstrap.min.css	stylesheet	css	20.97 kB	138.71 kB	31 ms						
200	GET	www.dyrcz.me	font-awesome.min.css	stylesheet	css	7.24 kB	30.27 kB	37 ms						
200	GET	www.dyrcz.me	animate.min.css	stylesheet	css	2.98 kB	16.57 kB	37 ms						
200	GET	www.dyrcz.me	venobox.css	stylesheet	css	3.40 kB	19.69 kB	37 ms						
200	GET	www.dyrcz.me	owl.carousel.min.css	stylesheet	css	1.29 kB	2.87 kB	45 ms						
200	GET	www.dyrcz.me	style-1.0.css	stylesheet	css	5.50 kB	27.39 kB	45 ms						
200	GET	www.dyrcz.me	jquery.min.js	script	js	29.93 kB	84.63 kB	53 ms						
200	GET	www.dyrcz.me	jquery-migrate.min.js	script	js	3.06 kB	6.92 kB	67 ms						
200	GET	www.dyrcz.me	bootstrap.bundle.min.js	script	js	20.71 kB	69.30 kB	67 ms						
200	GET	www.dyrcz.me	easing.min.js	script	js	1.16 kB	2.25 kB	67 ms						
200	GET	www.dyrcz.me	hoverIntent.js	script	js	2.72 kB	6.91 kB	73 ms						
200	GET	www.dyrcz.me	superfish.min.js	script	js	2.25 kB	4.37 kB	73 ms						
200	GET	www.dyrcz.me	wow.min.js	script	js	3.17 kB	7.97 kB	73 ms						
200	GET	www.dyrcz.me	venobox.min.js	script	js	4 kB	11.05 kB	73 ms						
200	GET	www.dyrcz.me	owl.carousel.min.js	script	js	11.12 kB	41.76 kB	73 ms						
200	GET	www.dyrcz.me	contactform.js	script	js	1.24 kB	3.30 kB	73 ms						
200	GET	www.dyrcz.me	main.js	script	js	1.89 kB	4.48 kB	73 ms						
200	GET	www.dyrcz.me	logo.png	img	png	5.14 kB	4.73 kB	25 ms						
200	GET	www.dyrcz.me	1.jpg	img	jpeg	43.75 kB	43.34 kB	35 ms						
200	GET	www.dyrcz.me	2.jpg	img	jpeg	48.63 kB	48.22 kB	42 ms						
200	GET	www.dyrcz.me	3.jpg	img	jpeg	14.36 kB	13.94 kB	46 ms						
200	GET	www.dyrcz.me	4.jpg	img	jpeg	52.42 kB	52 kB	64 ms						
200	GET	www.dyrcz.me	5.jpg	img	jpeg	30 kB	29.59 kB	69 ms						

101 requests | 5.48 MB / 4.84 MB transferred | Finish: 3.73 s | DOMContentLoaded: 484 ms | load: 1.49 s

Summary

Summary

Summary

CloudFront Invalidations

Summary

CloudFront Invalidations
File Versioning

Review

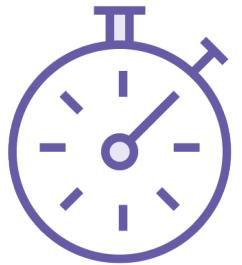


Andy Dyracz
CLOUD ARCHITECT
@adyracz

Benefits of a CDN

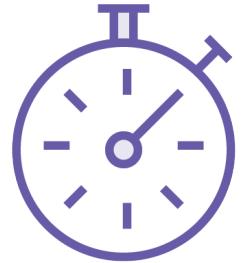


Benefits of a CDN

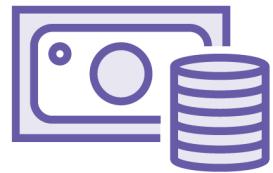


Improving website load times

Benefits of a CDN

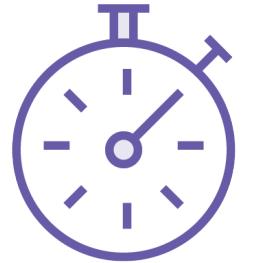


Improving website load times



Reducing bandwidth costs

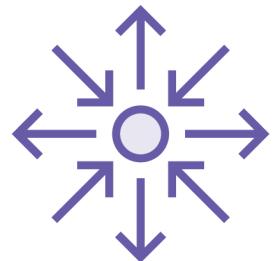
Benefits of a CDN



Improving website load times

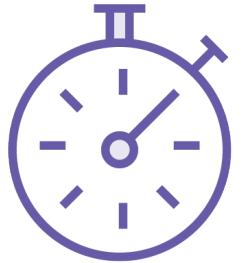


Reducing bandwidth costs



Increasing content availability and redundancy

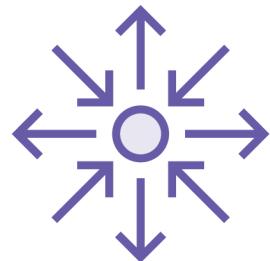
Benefits of a CDN



Improving website load times



Reducing bandwidth costs



Increasing content availability and redundancy



Improving website security

Summary

Summary

Summary

Measure Baseline

Summary

Measure Baseline

Create a Distribution

Summary

Measure Baseline

Create a Distribution

Performance Test

Summary

Measure Baseline

Create a Distribution

Performance Test

Update Content

CloudFront Distribution

The collection of an Origin and all the associated
caching and traffic handling rules

CloudFront Origin

An Origin is where you direct CloudFront to sends requests for your content.

CloudFront Behavior

Rules associated with how CloudFront interacts with your Origin.

CloudFront Invalidation

Method to notify CloudFront to retrieve a refreshed file from your Origin.