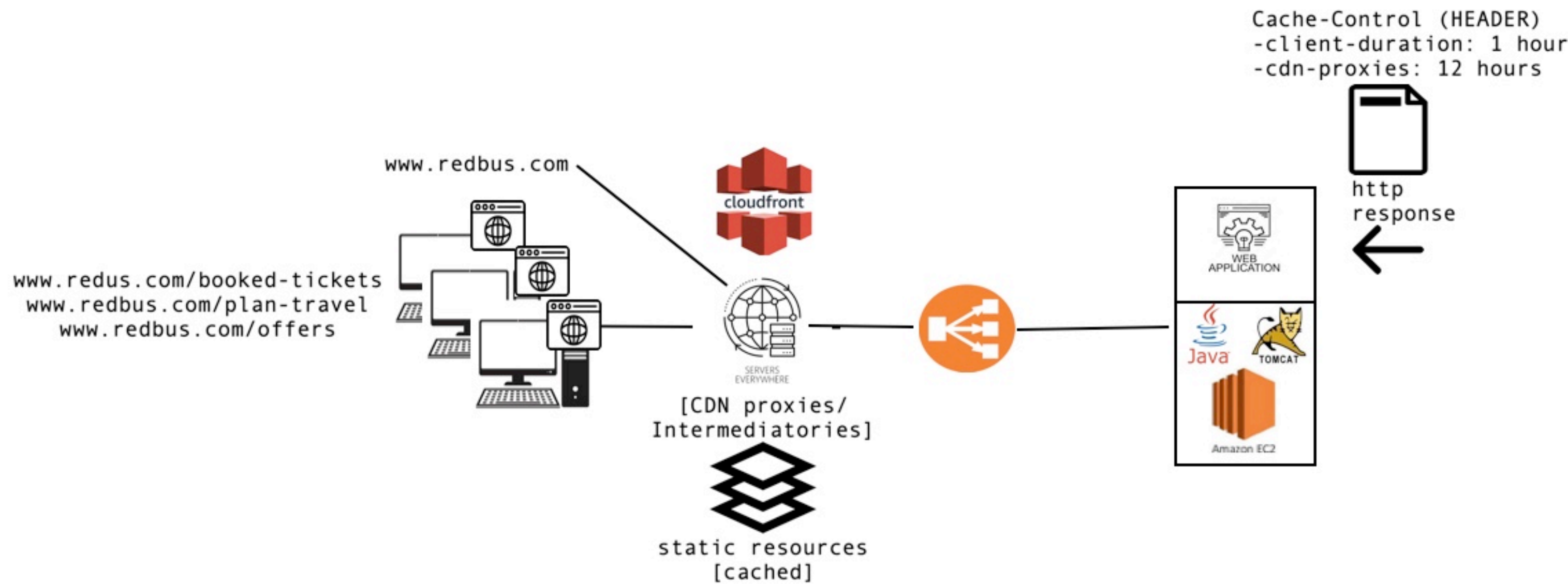There are 2 ways we can use CloudFront Service
1. to serve static content that is part of an dynamic web application
2. to quickly serve the static web application, by distributing it to various edgelocations

Cache-Control (HEADER)
-client-duration: 1 hour
-cdn-proxies: 12 hours

http
response

www.redbus.com

cloudfront

www.redus.com/booked-tickets
www.redbus.com/plan-travel
www.redbus.com/offers

SERVERS
EVERYWHERE

[CDN proxies/
Intermediatories]

WEB
APPLICATION

Java   TOMCAT

Amazon EC2

static resources
[cached]

CloudFront service for hosting static web application
The CloudFront Service is being popular used for hosting/distributing static web application as well.

To host an static web application and expose to the world we need
1. networking (vpc, subnets, internet gateway, security groups)
2. ec2
3. install/configure webserver software
4. high-availability and scalability
etc
additional we need to monitor and manage the webserver
There are lot of challenges involved in hosting an static web-site as well, instead we can use S3 storage bucket for hosting an static web application

origin-access
-identity

block-public-access: off
properties: enable static webhosting

CloudFront
Service

distribution
channel

-css
-js
-images
-icons
-fonts
-html

origin-access
-identity