

cloud front

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CDN----content delivery network

latency -----user experience

content -----static or dynamic

load on server---response time

soln -----auto scaling-----latency
different server on different location ---synchronization

edge location ----cache memory ---edge location (255)

origin location connect with edge regional edge cache

dns inform about edge location

if no content in cache connect to origin (high bandwidth connect)

server ---edge ----user

time -----default time ---24 hrs

edge location ---store content long period

cloud front ---global service

cloud front access by ---aws management console , cloud front api , aws command line

edge location independent from AZ

84 cities and 42 countries

regional cache ---long period store--

edge location delete data goes in regional cache ---

route 53 decide -----dns server

less burden on origin server

invalidation request to edge / regional cache --older version content delete

put /post /patch request goes directly to origin

dynamic content goes to origin (also there is edge location)