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Grokking Modern System Design Interview for Engineers & Managers

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System Design Interviews

Introduction

Abstractions

Non-functional System Characteristics

Back-of-the-envelope Calculations

Building Blocks

Domain Name System

Load Balancers

Databases

Key-value Store

Content Delivery Network (CDN)

- ① System Design: The Content Delivery Network (CDN)
- Introduction to a CDN
- Design of a CDN
- In-depth Investigation of CDN: Part 1
- In-depth Investigation of CDN: Part 2
- Evaluation of CDN's Design

Quiz on CDN's Design

Sequencer

Distributed Monitoring

Monitor Server-side Errors

Monitor Client-side Errors

Distributed Cache

Distributed Messaging Queue

Pub-sub

Rate Limiter

Blob Store

Distributed Search

Distributed Logging

Distributed Task Scheduler

Sharded Counters

Concluding the Building Blocks Discussion

Design YouTube

Design Quora

Design Google Maps

Design a Proximity Service / Yelp

Design Uber

Design Twitter

Design Newsfeed System

Design Instagram

Design a URL Shortening Service / TinyURL

Design a Web Crawler

Design WhatsApp

Design Typeahead Suggestion

Design a Collaborative Document Editing Service / Google Docs

Spectacular Failures

Concluding Remarks

Course Certificate

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Quiz on CDN's Design

Test your knowledge of concepts related to CDNs.

1

Which CDN approach will be the most suitable to use when most of the web content is static?

Reset Quiz

Question 1 of 6
0 attempted

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Evaluation of CDN's Design

Next

System Design: Sequencer

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