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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)

Sequencer

Distributed Monitoring

Monitor Server-side Errors

Monitor Client-side Errors

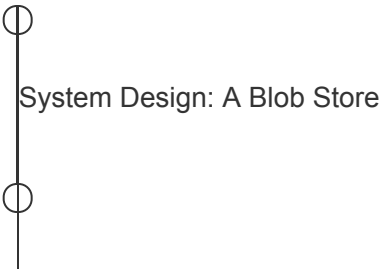
Distributed Cache

Distributed Messaging Queue

Pub-sub

Rate Limiter

Blob Store



Requirements of a Blob Store's Design

Design of a Blob Store

Design Considerations of a Blob Store

Evaluation of a Blob Store's Design

Quiz on the Blob Store's Design

**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 the Blob Store's Design

Test your understanding of concepts related to the design of a blob store system via a quiz.

1

**(Select the two most suitable options.)** What is a blob store best suited for?.

Reset Quiz

Question 1 of 9

0 attempted

**Submit Answer**

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Evaluation of a Blob Store's Design

**Next**

System Design: The Distributed Search

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