Basic Building Blocks for Modern System Design

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Introduction to Building Blocks

Domain Name System

Load balancers

Cache

Databases

Key-value Store

Content Delivery Network (CDN)

Sequencer

Distributed Monitoring

Distributed Cache

Distributed Messaging Queue

System Design: The Distributed Messaging Queue

Requirements of a Distributed Messaging Queue's Design

Considerations of a Distributed Messaging Queue's Design

Design of a Distributed Messaging Queue: Part 1

Design of a Distributed Messaging Queue: Part 2

Evaluation of a Distributed Messaging Queue's Design

Quiz on the Distributed Messaging Queue's Design

Pub-sub

Rate Limiter

Blob Store

Distributed Search

Distributed Task Scheduler

Sharded Counters

Conclusion

Mark Module as Completed

Quiz on the Distributed Messaging Queue's Design

Assess your understanding of concepts related to distributed messaging queues via a quiz.

1

What kind of messages do dead-letter queues contain?

Reset Quiz

Question 1 of 5

0 attempted

Submit Answer

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Evaluation of a Distributed Messaging…

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System Design: The Pub-sub Abstrac…

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