

[Log In](#)

[Join](#)

[Back To Module Home](#)

Basic Building Blocks for Modern System Design

0% completed

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

Pub-sub

Rate Limiter

Blob Store

Distributed Search

Distributed Task Scheduler

Sharded Counters

Conclusion

Final Remarks

Mark Module as Completed

Final Remarks

Here's a quick summary of the "Basic Building Blocks of Modern System Design" module.

We'll cover the following

- Summary
- What’s next?

Congratulations, you’ve successfully finished the module “Basic Building Blocks of Modern System Design.”

Summary#

We discussed building blocks along with their design details. Building blocks can be thought of as bricks to construct more effective, capable systems. After finishing this module, we can use building blocks and concepts related to them anywhere without having to go over them in detail again.

What’s next?#

It’s time to use building blocks and design problems. The next module presents us with a set of popular system design problems to give us hands-on experience with designing reliable and scalable systems like Quora, Google Maps, Yelp, Uber, and so on.

Back

Quiz on the Sharded Counters' Design

Next Module

Design Problems

Report an Issue

Mark as Completed

