



# Background of Distributed Cache

Learn the fundamentals for designing a distributed cache.

## We'll cover the following



- Writing policies
- Eviction policies
- Cache invalidation
- Storage mechanism
  - Hash function
  - Linked list
  - Sharding in cache clusters
    - Dedicated cache servers
    - Co-located cache
- Cache client
- Conclusion

The main goal of this chapter is to design a distributed cache. To achieve this goal, we should have substantial background knowledge, mainly on different reading and writing techniques. This lesson will help us build that background knowledge. Let's look at the structure of this lesson in the table below





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