

# Sharding

## On this page

[Sharded Cluster](#)[Shard Keys](#)[Chunks](#)[Balancer and Even  
Chunk Distribution](#)[Advantages of  
Sharding](#)[Considerations  
Before Sharding](#)[Sharded and Non-  
Sharded Collections](#)[Connecting to a  
Sharded Cluster](#)[Sharding Strategy](#)[Zones in Sharded  
Clusters](#)[Collations in Sharding](#)[Change Streams](#)[Transactions](#)

Sharding is a method for distributing data across multiple machines. MongoDB uses sharding to support deployments with very large data sets and high throughput

## On this page

[Sharded Cluster](#)[Shard Keys](#)[Chunks](#)[Balancer and Even Chunk  
Distribution](#)[Advantages of Sharding](#)[Considerations Before  
Sharding](#)[Sharded and Non-  
Sharded Collections](#)[Connecting to a Sharded  
Cluster](#)[Sharding Strategy](#)[Zones in Sharded  
Clusters](#)[Collations in Sharding](#)[Change Streams](#)[Transactions](#)[Give Feedback](#)

**On this page**

 **mongoDB.** Documentation ▼



Sharded Cluster

Shard Keys

Chunks

Balancer and Even Chunk Distribution

Advantages of Sharding

Considerations Before Sharding

Sharded and Non-Sharded Collections

Connecting to a Sharded Cluster

Sharding Strategy

Zones in Sharded Clusters

Collations in Sharding

Change Streams

Transactions

Give Feedback