

08 Indexación: Índices Hashed

Hashed indexes maintain entries with hashes of the values of the indexed field.

Hashed indexes support sharding using hashed shard keys. Hashed based sharding uses a hashed index of a field as the shard key to partition data across your sharded cluster.

Using a hashed shard key to shard a collection results in a more random distribution of data. See Hashed Sharding for more details.

Hashing Function

Hashed indexes use a hashing function to compute the hash of the value of the index field. [1] The hashing function collapses embedded documents and computes the hash for the entire value but does not support multi-key (i.e. arrays) indexes.

TIP MongoDB automatically computes the hashes when resolving queries using hashed indexes. Applications do not need to compute hashes.

Create a Hashed Index

Sintaxis

```
db.collection.createIndex( { _id: "hashed" } )
```