Introduction to routing

- How does Elasticsearch know where to store documents?

- How are documents found once they have been indexed?

- The answer is *routing*

- Routing is the process of resolving a shard for a document

Custom routing

- Routing is 100% transparent when using Elasticsearch

- This makes Elasticsearch easier to use and learn

- It *is* possible to customize routing, though, for various purposes

    - That's quite complicated, so let's save that for later

- The default routing strategy ensures that documents are distributed evenly

Lecture summary

- Routing is the process of resolving a shard for a document

- A formula is used when indexing, retrieving, and updating documents

- Routing may be customized (advanced)

- The default routing strategy distributes documents evenly

- One of the reasons why an index' shards cannot be changed, is that the

  routing formula would then yield different results