1: ElasticSearch Primer

***Section Description (from the outline):*** To get things going, we start with a quick ElasticSearch Primer. In addition to defining ElasticSearch and Apache Lucene, the technology behind ElasticSearch, we will dive into the relationship between the two.

|  |
| --- |
| **Metadata**: Spot the problem, highlight it, and design the solution in 3 core steps  (To be covered in the video) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Video Number** | **Video Title** | **Problem / Solution (Not more than 50 words)** | **Step 1 (Not more than 10 words)** | **Step 2(Not more than 10 words)** | **Step 3(Not more than 10 words)** |
| 1.1 | What defines ElasticSearch? | There exist the need to get a holistic recap of ElasticSearch for the purpose of review. | Define what is ElasticSearch | Understand the goals of ElasticSearch | Identify what makes ElasticSearch 5.0 different |

Metadata for Section 1

|  |
| --- |
| **Metadata**: Spot the problem, highlight it, and design the solution in 3 core steps  (To be covered in the video) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Video Number** | **Video Title** | **Problem / Solution (Not more than 50 words)** | **Step 1 (Not more than 10 words)** | **Step 2(Not more than 10 words)** | **Step 3(Not more than 10 words)** |
|  |  |  |  |  |  |
| 1.2 | ElasticSearch Recap | Understand the components of an ElasticSearch cluster | Define and review documents, types and fields | Define and review nodes and clusters | Define and review shards and replicas |
| 1.3 | What is Apache Lucene | Need to understand how Apache Lucene fits into the ElasticSearch technology | Define Apache Lucene | Learn about the Lucene architecture | Understand how Lucene integrates into ElasticSearch |