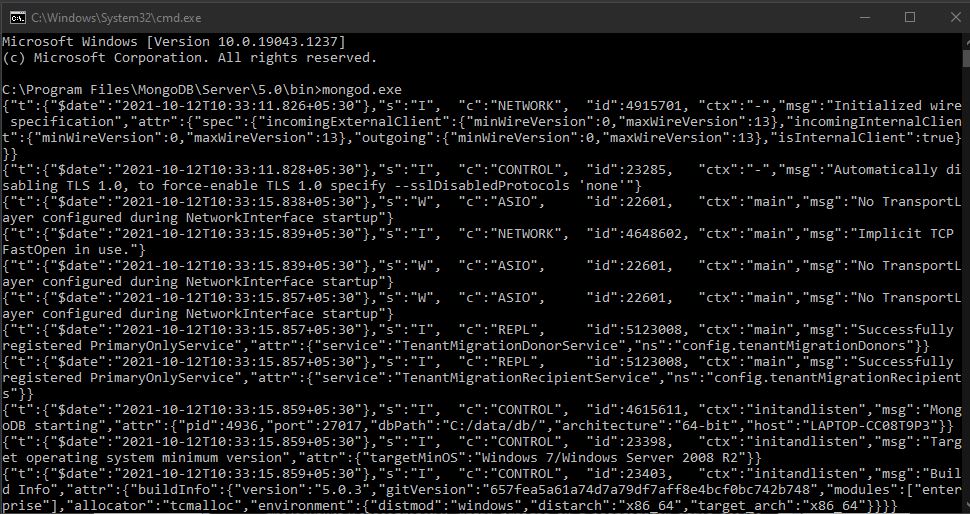
* **MongoDB is a cross-platform, document oriented database that provides high performance, high availability, and easy scalability. MongoDB works on the concept of collection and document.**
* **It is a noSQL database**
* **It is not a structured database**
* **It doesn't hold data in the form of a table. Ie there is no rows and columns**
* **Examples for noSQL database: Hadoop-Hbase, DynamoDB**
* **Data Types: String, Integer, Boolean, Double, Array, Object, Date, Time**

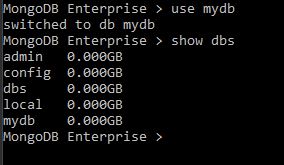
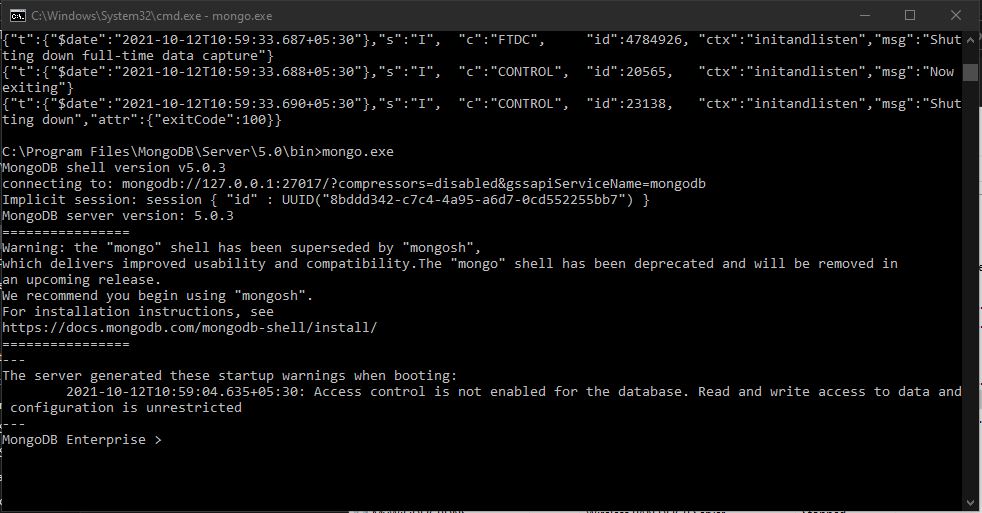
**Advantages of MongoDb**

* **It will handle a large amount of data. Ie BigData**
* **Good Performance**
* **Cloud compatible**
* **Schema less: MongoDB is a document database in which one collection holds different documents. Number of fields, content and size of the document can differ from one document to another.**
* **Structure of a single object is clear.**
* **No complex joins.**
* **Deep query-ability. MongoDB supports dynamic queries on documents using a document-based query language that's nearly as powerful as SQL.**
* **Tuning.**
* **Ease of scale-out: MongoDB is easy to scale.**
* **Conversion/mapping of application objects to database objects not needed.**
* **Uses internal memory for storing the (windowed) working set, enabling faster access of data.**

**Installation of MongoDb**

**Database Creation**

****

****