

NOSQL Databases and Big Data Storage Systems

1. Complete the following statements

- 1- NoSQL interpreted as ----- rather than -----.
Ans : Not Only SQL , NO to SQL.
- 2- Most NoSQL systems are ----- which means that NoSQL focus on semi-structured data storage, high performance, availability, data replication, and scalability.
Ans : distributed databases.
- 3- MongoDB and CouchDB, which are classified as ----- NoSQL systems or -----.
Ans : document-based , document stores.
- 4- MongoDB specify their document in format of -----.
Ans : JSON {Java Script Oriented Notations}

2. Questions

- 1- What are the characteristics of NoSQL systems that are related to distributed databases?

- 1- Scalability
 - 2- Availability
 - 3- Replication Models
 - 4- Eventual Consistency
 - 5- Sharding of Files
 - 6- High-Performance Data Access

- 2- What are NOSQL characteristics related to data models and query languages?

- 1- Not Requiring a Schema
 - 2- Less Powerful Query Languages
 - 3- Versioning

3. MCQ

1- MongoDB is a ----- NoSQL database.

a- Graph based	b- Document Based	c- Key-Value based	d- Column based
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2- Voldemort is a ----- NoSQL database.

a- Graph based	b- Document Based	c- Key-Value based	d- Column based
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3- HDFS (Hadoop Distributed File System) is a ----- NoSQL database.

a- Graph based	b- Document Based	c- Key-Value based	d- Column based
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4- Neo4j is a ----- NoSQL database.

a- Graph based	b- Document Based	c- Key-Value based	d- Column based
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