

# What do you know about NoSQL Database?

NoSQL was born as a patch for the shortcomings and shortcomings of the RDBMS relational data model. So how much do you know about NoSQL? Try your knowledge with Quanzimang through the following multiple choice questions!

1. Question 1: Which of the following statements is true about NoSQL?
  1. NoSQL is suitable for users who want quick access to data, the goal is to pay more attention to the speed, simplicity of access than the reliability or consistency of transactions.
  2. NoSQL stores its data in the form of 'key - value' pairs, using a large number of nodes to store information.
  3. NoSQL database is more scalable and efficient than SQL.
  4. All options are correct.

2. Question 2: When to use NoSQL Database?
  1. When security, integrity and availability are very important
  2. When data can be predicted.
  3. When you need to take a large amount of data
  4. When data retrieval speed is not important

Explanation: Information stored in the NoSQL database provides faster data access than traditional RDBMS, so it is easier to retrieve large amounts of data.

3. Question 3: What are some common types among NoSQL databases?
  1. Oracle NoSQL database, NoSQL for Windows Azure and IBM DB2
  2. CouchDB, MongoDB, Cassandra and HBase
  3. Document database, Key-value stores, Wide column stores and Graph database
  4. Cloud data management and hardware data management

4. Question 4: Is not the NoSQL Database tool?
  1. MongoDB
  2. SQL Server
  3. Cassandra
  4. Redis

Explanation: Microsoft SQL Server is a **relational database management system** developed by Microsoft.

5. Question 5: What is not the characteristic of NoSQL?
  1. Scatter
  2. Non-Relationship
  3. Simple
  4. Consistency

Explanation: NoSQL lacks consistency, trade-offs consistency to prioritize speed and efficiency more efficiently.

6. Question 6: What is wrong assertion?
  1. Non-relational databases require defined schemas before you add data.
  2. NoSQL database allows inserting data without defining schemas.

3. NewSQL database allows inserting data without defining schemas.

4. All the answers above.

7. Question 7: Which of the following companies has developed NoSQL Database - Cassandra?

1. LinkedIn

2. Twitter

3. MySpace

4. Facebook

Explanation: Cassandra was originally created by Facebook. It was later donated to the Apache Foundation and in February 2010 and upgraded to the leading Apache project.

8. Question 8: True or false? Relational databases are gradually being eliminated as more and more companies switch to NoSQL technology.

1. It's correct

2. False

Explanation: Although NoSQL technology provides new capabilities and solves some problems better than traditional databases, users and consultants agree that relational databases continues to meet critical data needs and is able to play a leading role in future transaction processing and business applications.

9. Question 9: What tool is the wide-column store of NoSQL database?

1. Cassandra

2. Riak

3. Redis

4. MongoDB

Explanation: Cassandra and HBase database wide-column store formats are optimized for queries on large data sets and store data columns together instead of rows.

10. Question 10: Which of the following is not the reason why NoSQL is now a reasonable solution for many organizations?

1. Better scalability.

2. Improve data consistency.

3. Faster data access than relational database management systems (RDBMS)

4. Easily retrieve data by being stored on multiple servers

Explanation: NoSQL trade-offs consistency to prioritize speed and performance more efficiently.

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