

BDMS Quiz

Quiz, 8 questions

7/8 points (87.50%)

✓ **Congratulations! You passed!**

Next Item



1 / 1
points

1.

The desired characteristics of a BDMS include (select all that apply):

☐

Support for ACID



Un-selected is correct

☐

A flexible semi-structured data model



Correct

☐

Support for common "Big Data" data types



Correct

☐

Continuous data ingestion



Correct

☐

Narrow range of query sizes



Un-selected is correct

☐

A full query language



Correct

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2.

Fill in the blank with the best answer: CAP theorem states that _____ all at once within a distributed computer system?

- ☐ it is necessary to have consistency, accuracy, and partial tolerance
- ☐ it is necessary to have consistency, availability, and partition tolerance
- ☐ it is impossible to have consistency, accuracy, and partial tolerance
- ☒ it is impossible to have consistency, availability, and partition tolerance

**Correct**

For more information related to this concept, please click [here](#).

1 / 1
points

3.

What is the purpose of the acronym BASE?

- ☐ The same as ACID.
- ☐ Enables stricter enforcement of ACID type design.
- ☒ To impose properties on a BDMS in order to guarantee certain results.

**Correct**

For more information related to this concept, please click [here](#).

- ☐ To overcome CAP theorem.

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4.

What are ziplists in Redis?



A compressed list that is stored within the value of the database.

CorrectFor more information related to this concept, please click [here](#).

A special type of data type that can store up to 512 mb of image data.



A special type of data type that can store hashes that point to multiple attributes.



A look up table that is stored as a value in the database. Look up table points to actual values in memory.

0 / 1
points

5.

What is one of the main features of Aerospike?



Enables real time data streaming from external sources.

This should not be selectedFor more information related to this concept, please click [here](#).

Better equipped for string based search applications.



Support for geospatial data storage and geospatial queries.



Images as values within the database.

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6.

What database would be best suited for the following scenario: An app development company is trying to implement a cloud based storage system for their new map-based app. The cloud will manage the longitude and latitude of the data in order to track user location.



Redis



Aerospike

**Correct**

For more information related to this concept, please click [here](#).



Vertica



Solr

1 / 1
points

7.

What database would be best suited for the following scenario: A big wholesale company is trying to implement a search engine for their products.



Vertica



Redis



Aerospike



Solr

**Correct**

For more information related to this concept, please click [here](#).

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points

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8.

Which of the following data types are supported by Redis? (select all that apply)

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☐

Sorted Sets

**Correct**☐

Lists

**Correct**☐

Strings

**Correct**☐

Images

**Un-selected is correct**☐

Streaming Video

**Un-selected is correct**☐

Hashes

**Correct**

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