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Graded Quiz * 1 min

	Congratulations! You passed! Grade Latest Submission received 95% Grade 85%	To pass 80% or assignment in 23h higher	Go to next item	
1.	Which requirement would prompt you to consider choosing NoSQ		1/1 point	
	Full data consistency Complicated joins Multi-document transactions			
	● Flexible schema ✓ Expand			
	Correct If your data is unstructured and could benefit from a flexible more sense.	e schema, then a NoSQL database will make		
2.	What is one way that a distributed NoSQL database usually shards By grouping all records that have the same key on the same se		0 / 1 point	
	By grouping all records that have the same key on the same set By grouping all records that have the same data on the same set By grouping all keys numerically By distributing all records that share the same key across multiple.	erver		
	■ By distributing all records that share the same key across multiple of the same key acro			
	Neview the Distributed Databases video.			
3.	In the BASE model what does it mean for data to be in a "soft state" The data store values availability over consistency. The data store is accessible at all times.	2"?	0 / 1 point	
	The data store is accessible at all times. Different replicas do not need to be mutually consistent all the t The availability of data is ensured by partitioning it.	ime.		
	Expand Solution Incorrect Incorrect Review the ACID vs BASE video.			
4.	Incorrect. Review the ACID vs BASE video. Which trait is the most common to all of the four types of NoSQL of	latabases?	1/1 point	
	They are non-relational.They are indexed.They are partitioned.			
	They use Key-Value pairs for queries.			
	Correct Correct! The most common trait amongst NoSQL databases	is that they are non-relational in architecture.		
5.	Which term refers to offloading of database administration and m Software as a Service	aintenance from the end user?	1/1 point	
	NoSQL as a Service Administration as a Service Database as a Service			
	∠ Expand			
	Correct Correct! A fully managed service model, otherwise called da administration and maintenance from the end-user and allo applications with these modern databases.			
6.	In MongoDB, which of the following common aggregation stages t stores it in a target collection?	akes the outcome from the previous stage and	1/1 point	
	\$project\$count\$sort\$merge			
	● \$merge ✓ Expand			
	Correct The "\$merge" aggregation stage takes the outcome from the collection.	e previous stage and stores it in a target		
7.	True or False: Since the address format can change from one coun appropriate to store addresses from multiple countries than a rela		1/1 point	
	TrueFalse			
	∠ ⁷ Expand			
	Correct Correct! Mongo allows us to store unstructured data.			
8.	Which statement about MongoDB is true? You can design complex data structures easily. Data in the same document must be of the same data type.		1/1 point	
	Data in the same document must be of the same data type. Documents are linked by primary keys. It requires third-party software for complex queries.			
	∠ Expand ✓ Correct			
	Correct Correct! You can design complex data structures easily in Mo complexity of how it is stored and how it should be linked.	ongoDB without worrying about the		
9.	Which everyday example is similar to indexing in MongoDB? A blueprint A taxonomy		1/1 point	
	A taxonomy A recipe A table of contents			
	 ✓ Expand ✓ Correct Correct! Indexes are key-value pairs sorted in ascending ord 	er		
10.	Correct! Indexes are key-value pairs sorted in ascending ord		1/1 point	
	It increases throughput by directing queries to relevant partition It provides fault tolerance. It creates redundancy.	S.		
	It prevents you from accidentally deleting your database.			
	 ✓ Correct Correct! When you partition your data across shards, you inqueries only to relevant shards. 	crease your throughput by directing your		
11	queries only to relevant snards. What would you most likely use blobs for in Cassandra Query Lang	guage (CQL)?	1/1 point	
	 Storing multimedia objects Storing a high range of integers Representing encoded strings 			
	○ Storing key-value pairs			
	Correct Blobs are typically used to store images, audio, or other mu	ltimedia objects.		
12	• How does the syntax of Cassandra Query Language (CQL) support O Using a WHERE clause within INSERT and UPDATE statemen		1/1 point	
	Using a WHERE clause within READ and DELETE statements. Using an IF clause within INSERT and UPDATE statements. Using an IF clause within READ and DELETE statements.			
	∠ ⁷ Expand			
	Correct Correct! Lightweight Transactions are supported by introdu			
13	Which features set Cassandra Apache apart from other NoSQL dat Primary/secondary architecture and data consistency Simple peer-to-peer architecture and scalability	abases?	1/1 point	
	Primary/secondary architecture and fast write throughput Simple peer-to-peer architecture and fast write throughput			
	 ✓ Expand ✓ Correct Correct! Cassandra has a simple peer-to-peer architecture. I 	t also maintains cluster — f		
	Correct! Cassandra has a simple peer-to-peer architecture. I capability to scale clusters fast, making it useful for services	that need to be accessed worldwide.	0/1	
14	When would you be more likely to select MongoDB instead of Apado When use cases require fast data storage and easy data retrievely When the application is write-intensive		0 / 1 point	
	When there is no need for joins or aggregations When the need for consistency outweighs the need for high available.	ailability and scalability		
	Expand Incorrect Review the Apache Cassandra in the NoSQL Space video.			
15	. Which statement is true about Cassandra compared to a tradition	al relational database?	1/1 point	
	 Cassandra provides eventual consistency whereas a relational consistency Cassandra provides eventual consistency and availability where provides only eventual consistency. Cassandra provides both strong consistency and availability where provides only eventual consistency. 	eas a relational database nereas a relational database		
	Cassandra provides both strong consistency and availability who provides only availability.			
	 ✓ Correct Correct! Cassandra is frequently referred to as "eventual or default Cassandra trades consistency in order to achieve available. 			
16	. When you create a new IBM Cloudant database, what do you need		1/1 point	
	 The partitioning type The number of documents The replication type 			
	○ The curl command line tool			
	Correct When you create a database, you must select whether you we partitioned.	vant the database to be partitioned or non-		
17.	• What is the default HTTP method used in curl if the method is not	specified?	1/1 point	
	PUTDELETEPOSTGET			
	Correct Correct! Curl defaults to using the 'GET' HTTP method unles command-line switch.	ss you specify another method using the "–X"		
18.	• How are IBM Cloudant documents stored?		1/1 point	
	As objects As tables As JSON As files			
	∠ Expand			
	Correct Correct! With Cloudant, documents are stored in the popular	ar JSON format with a flexible schema.		
19.	How do users get routed to a data center? With ping timing At random		1/1 point	
	At random With an algorithm that optimizes time vs. distance Closest geographical location			
	Expand Output			
	Correct Correct! Users get routed to the data center 'closest' to then users actually get routed to the data center 'fastest' to them			
20	• What can the curl command-line tool be used for when working w To obtain SSL certificate verification To partition an IBM Cloudant database	rith IBM Cloudant?	1/1 point	
	Making HTTP requests to IBM Cloudant's API As an alternative to the GitHub command line tool			
	 ✓ Expand ✓ Correct Correct! curl is a free, open-source command-line tool that y 	you can use to make UTTD		
	Correct! curl is a free, open-source command-line tool that y Cloudant API.	you can use to make HTTP requests to your		