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HP Vertica Solutions 2012

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QUESTION NO: 1

What does Time Series do?

- A. enables identification of a sequence of defined events
- B. evaluates the values of a given set of variables and groups those values into a window
- C. increments a counter based on whether an expression evaluates as true
- D. enables analysis of two series of data when their measurement intervals do not align precisely

Answer: B

Explanation:

QUESTION NO: 2

During Vertica installation, how do you install onto multiple nodes of a cluster?

- A. You must install the application individually on each node.
- B. Run the installation script from the Console machine once per node.
- C. Pass the IP address or node names as part of the -s argument, and it will install the application on each node.
- D. Pass the IP addresses or node names to spread, and it will install the application on each node.

Answer: C

Reference:https://my.vertica.com/wbt/installing_vertica/index.htm(start the video and go the topic that says multiple node installation)

QUESTION NO: 3

What are the benefits of ordering data in projection design? (Select two.)

- A. It enables optimum encoding.
- B. It enables partitioning of data.
- C. It enables efficient sharing of data between similarly-ordered projections.
- D. It enables efficient application of query predicates.
- E. It enables segmentation of data.

Answer: D,E

Explanation:

QUESTION NO: 4

What are characteristics of projections in Vertica? (Select three.)

- A. A projection can contain data from one or more source tables.
- B. A projection can contain data from only one source table.
- C. A projection can contain a subset of rows from the source table.
- D. Each projection contains all rows from the source table.
- E. A projection can contain a subset of columns from the source table.
- F. Each projection contains all columns from the source table.

Answer: A,D,F

Reference:<http://184.106.12.19/2011/09/02/the-power-of-projections-part-2/>

QUESTION NO: 5

What is the purpose of Vertica's transaction model? (Select three.)

- A. Transactions mean that undo logs are not needed.
- B. Transactions are used to maintain partitions.
- C. Transactions are only written upon an explicit commit being issued.
- D. Transactions are used for data recovery.
- E. Transactions are used to delete data.
- F. Transactions are used to maintain segmentation.

Answer: A,C

Explanation:

QUESTION NO: 6

What distinguishes table partitioning from projection segmentation?

- A. If table data is partitioned, associated projections can only be replicated.
- B. If table data is partitioned, the table cannot participate in a prejoin projection.
- C. If table data is partitioned, associated projections cannot be segmented.
- D. If table data is partitioned, associated projections can also be segmented.

Answer: D

Explanation:

QUESTION NO: 7

What is a buddy projection?

- A.** a projection that contains the same columns and has the same segmentation as the original projection, using different node ordering, stored in different files on the same node as the original
- B.** a projection that contains a subset of rows from the original projection, stored in different files on a neighboring node of the original
- C.** a projection that contains the same columns and has the same segmentation as the original projection, using different node ordering, stored in different files on a different node than the original
- D.** a projection that contains a subset of rows from the original projection, stored in different files on the same node as the original

Answer: A

Reference:<http://vertica-forums.com/viewtopic.php?f=7&t=441>

QUESTION NO: 8

What are key features of Vertica? (Select three.)

- A.** uses fully custom SQL syntax
- B.** columnar data store
- C.** stored data that is encoded and compressed
- D.** native high availability
- E.** runs on a Windows platform
- F.** data caching for fast retrieval

Answer: B,C,D

Reference:<http://www.vertica.com/the-analytics-platform/>

QUESTION NO: 9

Which statements are true of a projection? (Select two.)