

1Z0-1089-20^{Q&As}

Oracle Cloud Infrastructure 2020 HPC and Big Data Solutions Associate

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QUESTION 1

Which benchmark is important to a customer when considering 0lg Data workloads on Oracle Cloud Infrastructure (OCI)?

- A. TPC-DS
- B. TPC-DI
- C. TPC-C
- D. Terasort

Correct Answer: B

QUESTION 2

Which Statement Is NOT correct?

- A. Oracle Data Science is augmented with AI VM for Data Science.
- B. Oracle Data Science Is not excluded from Universal Credit.
- C. Oracle Data Science can integrate with Oracle Function.
- D. Oracle Data Science does not support per second billing.

Correct Answer: C

QUESTION 3

You are comparing different processors for Monte-Carlo simula-tion with millions of single core executions. What frequency will have the highest impact on the "time to solution" ?

- A. All Core Turbo Frequency
- B. Base Frequency
- C. Only the network throughput will influence Monte Carlo simula-tions.
- D. Turbo Frequency

Correct Answer: D

QUESTION 4

Which is NOT an advantage associated with moving a Big Data workload to Oracle Cloud Infrastructure (OCI)?

A. managed service offerings to support common Big Data workloads



- B. best price / performance for Big Data workloads In the Cloud
- C. availability of Oracle Airflow
- D. Object Storage as Data Lake
- E. dynamically scale capacity against workload

Correct Answer: A

QUESTION 5

You are building a file system that needs to handle large files with a lot of nodes reading at the same time. What should be your main goal?

- A. Maximize Latency while keeping throughput above a certain threshold.
- B. Maximize throughput.
- C. Minimize latency.
- D. Minimize throughput while keeping the latency low.

Correct Answer: B

QUESTION 6

What are two different types of Storage offerings available to build a filesystem on Oracle Cloud infrastructure (OCI)?

- A. Block Volume Service
- B. Local NVMe SSDs on DenselO and HPC compute shapes
- C. File Storage
- D. Object Storage

Correct Answer: D

QUESTION 7

A customer wants to store small files (KBs) workload in a filesystem.

What two options should you use to measure performance for this filesystem?

- A. Amount of Memory on file servers
- B. CPU processor clock speed for faster processing
- C. High IOPS



D. Low Latency

Correct Answer: A

QUESTION 8

Which Message Passing Interface (MPI) distribution is NOT available today?

A. OCI MPI

- B. Intel MPI
- C. Platform MPI
- D. Open MPI

Correct Answer: B

QUESTION 9

What minimum size of block volume with Balanced performance tier maximizes throughput for large files?

A. 10TB

B. 1TB

C. 32TB

D. 100GB

Correct Answer: C

QUESTION 10

On Oracle Cloud Infrastructure (OCI), a customer wants to build a 3TB fllesystem for high throughput-oriented workloads.

Which action provides the highest IO throughput using OCI block volumes for storage?

A. Attach one Block volume of 3TB volume size and use fllesystem Block size of 256K or lower.

B. Attach one Block volume of 3TB volume size and use fllesystem Block size of 1M or higher.

C. Attach three Block volumes of 1TB each and use fllesystem Block size of 256K or lower.

D. Attach three Block volumes of 1TB each and use filesystem Block size of 1M or higher.

Correct Answer: A



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