# 1Z0-1089-20<sup>Q&As</sup>

Oracle Cloud Infrastructure 2020 HPC and Big Data Solutions Associate

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**QUESTION 1**

On a RDMA cluster, a latency test was conducted, with these results: What should you do?



A. Nothing, this behavior is normal.

B. Latency Is not critical, check the bandwidth.

C. Rerun the test and see If It Is consistent.

D. Report the higher latency through a SR.

Correct Answer: A

**QUESTION 2**

Which statement explains how instances are distributed in an instance pool?

A. The instances In a pool are distributed between availability domains only.

B. The instances in a pool are distributed evenly between two fault domains.

C. The instances in a pool are not distributed across fault domains.

D. The instances in a pool are distributed across all fault domains In a best-effort manner based on capacity.

E. It is not possible to distribute instances across availability domains or fault domains.

Correct Answer: D

**QUESTION 3**

You\\'ve spun up a GPU instance with tthe standard OEL linage (GPU version) from the console network on Oracle Cloud Infrastructure (OCI).

What action do you need to do In order to be able to visualize your desktop remotely?

A. Install Open MPI for distributed GPU access.

B. Install a desktop and a VNC server.

C. Install NVIDIA drivers.

D. Open a remote serial console.

Correct Answer: C

## QUESTION 4

You have two different workloads, workload 1 does not scale very well (~100 cores) and requires a very high memory bandwidth, and a workload 2 that Is compute bound and IO intensive.

Which Instances should you select?

A. 1: BM.HPC2.36 2: BM.Standard.2.52

B. 1: BM.Standard.E3.128 2: BM.HPC2.36

C. 1: BM.HPC2.36 2: BM.Standard.E3-128

D. 1: BM.Standard-2.52 2: BM.HPC2-36

Correct Answer: C

## QUESTION 5

A customer is hesitating between running BM.Standard.E3.128 or HPC2.36 for his workload. Which statement would disqualify the AMD chip without any benchmark?

A. IO speed has a huge impact.

B. Total number of processes is between 48 and 128 cores and can use RDMA.

C. The workload requires about 4GB/core of memory.

D. The workload is embarrassingly parallel.

Correct Answer: D

## QUESTION 6

Which is an accurate analogy for Amdahl\\'s law?

A. There Is no such thing as a free lunch.

B. An orchestra can only play well together If they have a great conductor.

C. When chopping vegetable to prepare a 4 person-meal, 2 persons are going twice as fast as one, but 8 people may

not be 8 times faster.

D. In track and field, the 4xl00m relay is only 17% faster than the world record for individual 400m.

Correct Answer: C

## QUESTION 7

A customer ran a Job on 2 BM.HPC2.36, and the job took 4 hours using 32 cores of each node. They later ran on 4 nodes and the Job took 3 hours. What Is the efficiency gained?

A. 100%

B. 50%

C. 66%

D. 75%

Correct Answer: B

## QUESTION 8

You are building a RDMA cluster on a private network with 10000 cores. What CIDR will work in the VCN: 172.16.0.0/16?

A. 172.16.32.0/23

B. 10.0.1.0/23

C. 172.16.32,0/16

D. 10.0.1.0/24

Correct Answer: A

## QUESTION 9

Which two options are valid when configuring health check policies in Oracle Cloud Infrastructure (OCI) Load Balancing?

A. FTP level health checks

B. TCP level health checks

C. UDP level health checks

D. HTTP level health checks

Correct Answer: BD

**QUESTION 10**

When an instance pool scales in, what is the correct order that the instances are terminated?

A. The number of instances is balanced across availability domains, the oldest instance within the fault domain is terminated, the number of instances Is balanced across fault domains.

B. The number of instances is balanced across availability domains, the number of instances is balanced across fault domains, the oldest instance within the fault domain is terminated.

C. The oldest instance within the fault domain is terminated, the number of instances is balanced across availability domains, the number of instances is balanced across fault domains.

D. The number of instances is balanced across fault domains, the number of instances is balanced across fault domains, the oldest instance within the fault domain is terminated.

Correct Answer: B