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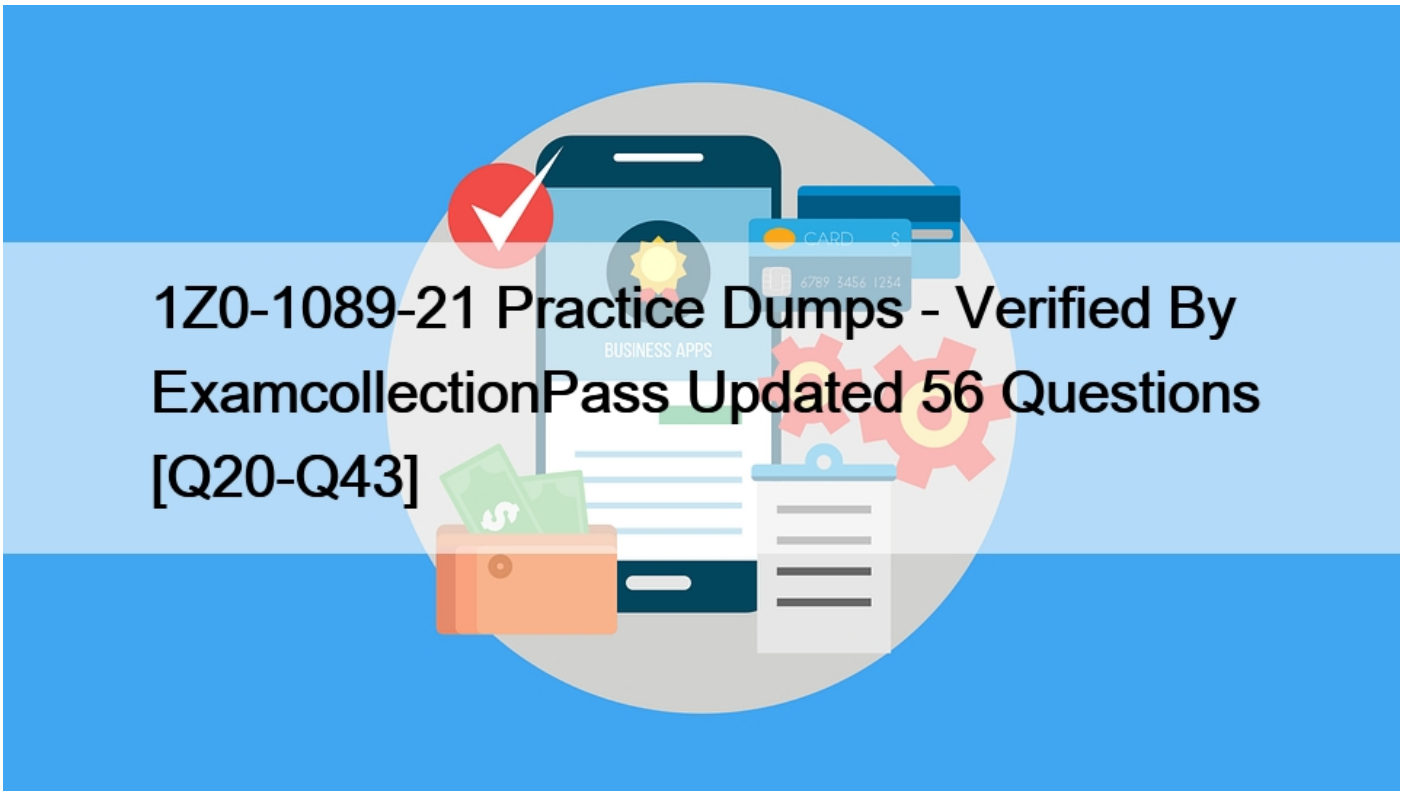

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NEW QUESTION 20

Which Is a common business problem for customers running Big Data workloads?
* Costs associated to process a large scale data set
* Cost associated with Disaster Recovery for large deployments
* Ability to process a small data set at the minimum cost as possible
* Ability to process a large data set at the maximum cost as possible

NEW QUESTION 21

A customer has a very busy workload. The model is very large (1 PB range) and only some small files are updated for new jobs. Throughput needed during the run is roughly 25GB/s.

What Is a fast and cost-conscious way to handle the file system?
* Put the data in object storage, and mount It using s3fs-fuse project.
* Build a file-system using NVMe on Dense shapes. Then move the data to object storage when not needed.
* Build a file system using Block volumes and Standard BMs, take advantage of the different block volume performances levels.
* Use NVMe on HPC shapes to build a File Systemwith the RDMA connection.

NEW QUESTION 22

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

Which action provides the highestIO throughput using OCI block volumes for storage?
* Attach one Block volume of 3TB volume size and use fllesystem Block size of 256K or lower.
* Attach one Block volume of 3TB volume size and use fllesystem Block size of 1M or higher.
* Attach threeBlock volumes of 1TB each and use fllesystem Block size of 256K or lower.
* Attach three Block volumes of 1TB each and use filesystem Block size of 1M or higher.

NEW QUESTION 23

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?
* Maximize Latency while keeping throughput above a certain threshold.
* Maximize throughput.
* Minimize latency.
* Minimize throughput while keeping the latency low.

NEW QUESTION 24

Which workload is massively parallel In nature?
* Map/Reduce
* Streaming
* SQL Queries
* ETL

NEW QUESTION 25

You are running a cluster using multiple BM.Standard2.52 machines. Themodel is on a NFS share running on block volume-You’ve tried doubling the number of machines but It’s not running any faster.

Which two actions could potentially speed up this tightly coupled workload?
* Switch to FSS for your file system.
* Use ClusterNetworking.
* Use BM.HPC2.36.
* Switch to ESS mode.

NEW QUESTION 26

What HDFS replication factor should be used for locally attached storage In HDFS?
* 4
* 2
* 3
* 1

NEW QUESTION 27

You’ve spun up a GPU instance with the standard OEL linage (GPU version) from theconsole network on Oracle Cloud Infrastructure (OCI).

What action do you need to do In order to be able to visualize your desktop remotely?
* Install Open MPl for distributed GPU access.
* Install a desktop and a VNC server.
* Install NVIDIA drivers.
* Open a remote serial console.

NEW QUESTION 28

You are building a large filesystem to maximize throughput of large files using high performance block volume and BM.Standard2.52 as file servers.

Which block volumes configuration should you choose to ensure aggregate Block volume throughput is higher than network bandwidth of file servers?
* 7 Block Volumes of 800 GB
* 32 Block Volumes of 800 GB
* 5 Block Volumes of 32 TD
* 6 Block Volumes of 32 TB

NEW QUESTION 29

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

What two options should you use to measure performance for this filesystem?
* Amount of Memory on file servers
* CPU processor clock speed for faster processing
* High IOPS
* Low Latency

NEW QUESTION 30

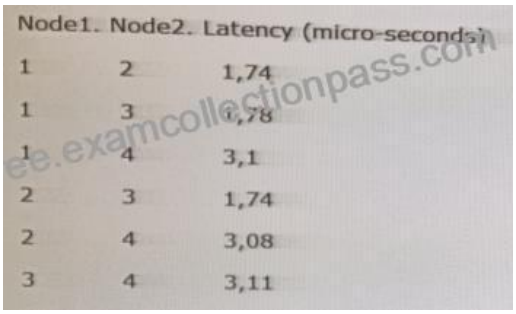
Whichis an accurate analogy for Amdahl’s law?
* There Is no such thing as a free lunch.
* An orchestra can only play well together If they have a great conductor.
* When chopping vegetable to prepare a 4 person-meal, 2 persons are going twice as fast as one, but 8 people may not be 8 times faster.
* In track and field, the 4xl00m relay is only 17% faster than the world record for individual 400m.

NEW QUESTION 31

Which two options are valid when configuring health check policies in Oracle Cloud Infrastructure (OCI) Load Balancing?
* FTP level health checks
* TCP level health checks
* UDP level health checks
* HTTP level health checks

NEW QUESTION 32

On a RDMA cluster, a latency test was conducted, with these results:



Node1.	Node2.	Latency (micro-seconds)
1	2	1,74
1	3	1,78
1	4	3,1
2	3	1,74
2	4	3,08
3	4	3,11

What should you do?
* Nothing, this behavior is normal.
* Latency Is not critical, check the bandwidth.
* Rerun the test and see If It Is consistent.
* Report the higher latency through a SR.

NEW QUESTION 33

Oracle Cloud infrastructure (OCI) Block Volume Storage supportssharing a Block Volume among multiple compute Instances in read/write or read only shareable mode.

Which two file systems should be used to allow multiple compute Instances to read/write data concurrently without any data loss?
* Distributed File Systemslike Gluster, OCFS2, GFS2
* Linux File Systems like XFS, EXT4, EXT3, etc.
* Network File System (NFS)
* Parallel File Systems like Lustre, IBM Spectrum Scale(GPFS), BeeGFS, etc.

NEW QUESTION 34

Which is NOT an advantage associated with moving a Big Data workload to Oracle Cloud Infrastructure (OCI)?
* managed service offerings tosupport common Big Data workloads
* best price / performance for Big Data workloads In the Cloud
* availability of Oracle Airflow
* Object Storage as Data Lake
* dynamically scale capacity against workload

NEW QUESTION 35

What are the three components for configuring autoscallng on Oracle Cloud Infrastructure (OCI)?
* Monitoring Is enabled on the instances in the instance pool.
* The instance pool supports the maximum number of instances that you want to scale to.
* You have an instance pool.
* You have a load balancer.
* You have Bare Metal instances.

NEW QUESTION 36

Which statement correctly describes Oracle Data Science?
* It is primarily focused on supporting a single data scientist.
* It enables data science teams to build, train, and manage machine learning models on Oracle Cloud.
* It provides management for on-premise machine learning models.
* Oracle’s Data Science model catalog holds contains only the model artifact.

NEW QUESTION 37

Which two performance metrics can be used to trigger scaling actions In Autoscaling?
* Network latency
* Memory utilization
* Network throughput
* Disk IOPS
* CPU utilization

NEW QUESTION 38

You are building a filesystem of 10TB Storage Capacity with only one file server using “Balanced Elastic Performance tier” Oracle Cloud Infrastructure (OCI) Block Volume Storage. Balanced Elastic Performance tier throughtput scales at 480 KBPS/GB up to a maximum of 480 MBPS pervolume.

Which two options are correct about how many Block Volumes you can attach to the file server to get maximum IO throughput?
* One Block Volume of 10TB size
* 10 Block Volumes of 1TB size
* 8 Block Volumes of 1.25TB size
* 20 Block Volumes of 500GB size

NEW QUESTION 39

Which statement explains how instances are distributed in an instance pool?
* The instances In a pool are distributed between availability domains only.
* The instances in a pool are distributed evenly between two fault domains.
* The instances in a pool are not distributed across fault domains.
* The instances in a pool are distributed across all fault domains In a best-effortmanner based on capacity.
* It is not possible to distribute instances across availability domains or fault domains.

NEW QUESTION 40

A file system is built using BM.Standard2.52 Compute shape for File Servers. One 25 Gbps NIC/network card is used to connect to 10 Block Volumes of 1TB each (max. 4#0MB/s per volume). The other 25 Gbps NIC is used for sending/receiving data to/from client nodes.

File system client instances which mount the file system are provisioned using VM.Standard2.16 Compute shapes. (Network bandwidth: l6.4Gbps(2050 MB/s)) What is the max IO theoretical throughput a client node can get?
* 2050 MB/s
* 4800 MB/s
* 3125 MB/s
* 6250 MB/s

NEW QUESTION 41

A Linux visualization instance Is in a public subnet with security list 0.0-0.0/0 for TCP port 22. What other rule do you absolutely need to be able to connectremotely?

* Open all protocols for your specific IP address.
* Create a Stateless Egress rule for port 22-
* Open TCP ports 5900 to 5910 for 0.0.0.0/0.
* No other additional rules are needed. It is possible to connect as is.

Oracle 1Z0-1089-21 Exam Syllabus Topics:

TopicDetailsTopic 1- Identify Advantages of running big data on OCI- Deploy monitoring mechanisms that ensure cost and resource optimization based on business requirementsTopic 2- Deploy a dynamically scalable, highly available and resilient compute solution based on technical requirements- Implement and Operate HPC solutions on OCITopic 3- Explain how to deploy and use Data Science platform- Differentiate the various big data solutions and data services on OCI

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