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QUESTION 1

An organization is struggling to ensure that their legacy systems meet rapidly changing IT needs. Why should the organization use application programming interfaces (APIs)?

A. To expose all underlying data so third parties can make amends

B. To completely re-architect legacy applications

C. To achieve long-term operational flexibility

D. To operate on a pay-as-you go model so IT can scale flexibly

Correct Answer: C

QUESTION 2

What cloud service model would you want to select if you want to solve a particular busi-ness problem by providing CRM services in the cloud to your enterprises?

A. CaaS

B. SaaS

C. PaaS

D. IaaS

Correct Answer: B

SaaS Software as a Service (SaaS) provides you a complete product that is run and managed by the service provider. You worry only about using the software and not about infrastructure. SaaS provides the lowest level of flexibility and management control over the infrastructure. (Example: Google Gsuite and MS O365)

QUESTION 3

Your organization is building an application running in Google Cloud. Currently, software builds, tests, and regular deployments are done manually, but you want to reduce work for the team. Your organization wants to use Google Cloud managed solutions to automate your build, testing, and deployment process.

Which Google Cloud product or feature should your organization use?

A. Cloud Scheduler

B. Cloud Code

C. Cloud Build

D. Cloud Deployment Manager

Correct Answer: C

Deploy your application to App Engine using the gcloud app deploy command. This command automatically builds a container image by using the Cloud Build service and then deploys that image to the App Engine flexible environment.

Reference: https://cloud.google.com/appengine/docs/flexible/nodejs/testing-and-deploying-your-app

QUESTION 4

Which of the following NIST Cloud characteristics uses the business model of shared re-sources in a cloud environment?

A. Elasticity

B. Availability

C. Broad Network Access

D. Multi-Tenancy

Correct Answer: D

In cloud computing, multitenancy means that multiple customers of a cloud vendor are using the same computing resources. Even though they share resources, cloud customers aren\\'t aware of each other, and their data is kept totally separate. Mul-titenancy is a crucial component of cloud computing; without it, cloud services would be far less practical. Multitenant architecture is a feature in many types of public cloud com-puting, including IaaS, PaaS, SaaS, containers, and serverless computing.

QUESTION 5

A developer in your IT team is cheating a bucket on Cloud Storage. He is receiving an error that the bucket name already exists. He has checked his project and the few other pro-jects in the organization, The name seems to be entirely unique, What would be the is-sue?

A. Bucket names ignore any "." in the name. Look for similar bucket names that have a "." in it.

B. Previously deleted bucket names in the same project cannot be reused. There must have been an older bucket with the same name.

C. Bucket names in Cloud storage have to be globally unique

D. Bucket name are case insensitive-look for bucket name in your org that have a different capitalization.

Correct Answer: C

Bucket names have to be unique across Google Cloud Platform [GCP], Including other organizations and projects.

QUESTION 6

A customer has an application running in virtual machines. They are migrating this application to Google Cloud. They have previously had scaling issues when on-premises as VMs had to be pre-allocated. Capacity planning was repeatedly off mark-it\\'s either too many VMs or too less. They want to match the capacity to demand while keeping the application running always. They don\\'t have the time or budget to re-architect the systems using containers and

Kubernetes at the mo- ment. What would be your recommendation?

A. Run a load test on Compute Engine VMs. Get an estimate of usage. Then plan for a VM capacity of 25% above the load test value.

B. Use the Managed Instance Group with Compute Engine

C. Inform them that new-age companies are using microservices, containers, and Kubernetes for this and they can plan to rewrite the app quickly.

D. Inform them that using a serverless option will take care of the scaling and they can move to Cloud Run or App Engine.

Correct Answer: B

Scalability. When your apps require additional compute resources, autoscaled MIGs can automatically grow the number of instances in the group to meet demand. If demand drops, autoscaled MIGs can automatically shrink to reduce your costs

https://cloud.google.com/compute/docs/instance-groups

QUESTION 7

Your company has been using a shared facility for data storage and will be migrating to Google Cloud. One of the internal applications uses Linux custom images that need to be migrated. Which Google Cloud product should you use to maintain the custom images?

A. App Engine flexible environment

B. Compute Engine

C. App Engine standard environment

D. Google Kubernetes Engine

Correct Answer: B

Reference: https://cloud.google.com/compute/docs/images/create-delete-deprecate-private-images

A custom image is a boot disk image that you own and control access to. Use custom images for the following tasks:

Import a virtual disk to Compute Engine from your on-premises environment or from VMs that are running on your local workstation or on another cloud platform. You can manually import boot disk images to Compute Engine, but one disk at a time.

https://cloud.google.com/compute/docs/images

QUESTION 8

Your organization wants to predict the behavior of visitors to its public website. To do that, you have decided to build a machine learning model. Your team has database-related skills but only basic machine learning skills, and would like to use those database skills.

Which Google Cloud product or feature should your organization choose?

A. BigQuery ML

B. LookML

C. TensorFlow

D. Cloud SQL

Correct Answer: A

Reference: https://cloud.google.com/architecture/predicting-customer-propensity-to-buy

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QUESTION 9

You are a program manager in a company you need to submit a bare metal solution order for a se-cure, high performance connection with a low-latency network fabric. What network information you need to submit the order to Bare Metal Solutions.

A. IP Ranges for example Client IP Address range used for communication between your Google Cloud and Bare Metal Solution environments.

B. Google Cloud Project Id that you are using with your bare metal solution environ-ment.

C. Total number of VLANs you need in your Bare Metal Solution Environment.

D. All of the above

Correct Answer: D

What Bare Metal Solution provides

Bare Metal Solution is a managed solution that provides purpose-built HPE or Atos bare-metal servers in regional extensions that are connected to Google Cloud by a managed, high-performance connection with a low-latency network fabric.

With Bare Metal Solution, Google Cloud provides and manages the core infrastructure, the network, the physical and network security, and hardware monitoring capabilities in an environment from which you can access all of the Google

Cloud services. The core infrastructure includes secure, controlled-environment facilities, and power. The Bare Metal Solution also includes the provisioning and maintenance of custom, sole-tenancy servers with local SAN, and smart hands

support. The network, which is managed by Google Cloud, includes a low-latency Partner Interconnect connection into the customer Bare Metal Solution environment. The available Google Cloud services include private API access,

management tools, support, and billing.

QUESTION 10

Your organization meant to purchase a 3-year Committed Use Discount, but accidentally purchased a 1-year Committed Use Discount instead. What should your organization do?

A. Contact your financial institution.

B. Contact Trust and Safety.

C. Contact Cloud Billing Support.

D. Contact Technical Support.

Correct Answer: C

https://cloud.google.com/compute/docs/instances/signing-up-committed-use-discounts

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QUESTION 11

Your organization runs a distributed application in the Compute Engine virtual machines. Your organization needs redundancy, but it also needs extremely fast communication (less than 10 milliseconds) between the parts of the application in different virtual machines.

Where should your organization locate this virtual machines?

A. In a single zone within a single region

B. In different zones within a single region

C. In multiple regions, using one zone per region

D. In multiple regions, using multiple zones per region

Correct Answer: B

Multi zone is also redundant within the region and it provides the lowest latency.

Reference link: https://cloud.google.com/solutions/best-practices-compute-engine-region-selection

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QUESTION 12

As your organization increases its release velocity, the VM-based application upgrades take a long time to perform rolling updates due to OS boot times. You need to make the application deployments faster. What should your organization do?

A. Migrate your VMs to the cloud, and add more resources to them

B. Convert your applications into containers

C. Increase the resources of your VMs

D. Automate your upgrade rollouts

Correct Answer: B

To make application deployments faster and improve release velocity, your organization should consider converting the applications into containers. Containers provide a lightweight and isolated runtime environment for applications, allowing for faster deployment and scaling.

QUESTION 13

An organization is hosting an application in Europe, and customers in Asia are reporting slow response times despite their fast internet connection. What is the problem?

A. Not enough application servers

B. Network bandwidth

C. Network latency

D. Misconfigured application servers

Correct Answer: C

QUESTION 14

You are looking for a one stop reference page for GCP support. What Page would you se-lect?

A. Compliance Hub

B. Google Cloud Platform Status

C. Support Hub

D. Pricing Page

Correct Answer: C

Google provides a page that brings together everything needed around support. Its called the Support Hub Reference link-https://cloud.google.com/support-hub

QUESTION 15

How do out-of-the-box APIs make artificial intelligence and machine learning more accessible for all Google Cloud customers?

A. They don\\\'t require technical specialists.

B. They don\\\'t require data input and validation.

C. They require fewer security permissions.

D. They all require custom training models.

Correct Answer: A

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