Exam Breakdown

Deploying and Implementing a Cloud Solution

INCORRECT

**1.**

Running kubectl create secret generic service-account-file combines which two commands?

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A

kubectl set secret and kubectl update secret

B

kubectl create secret and kubectl update secret

C

kubectl update secret and kubectl deploy secret

D

kubectl create secret and kubectl deploy secret

**Your Answer: D**

**Why is this incorrect?**

One of these commands is incorrect. kubectl update secret is missing.

Video for reference: Deploying the Products API on Kubernetes 2 of 2

**Correct Answer: B**

**Why is this correct?**

These two commands are combined when we run kubectl create secret generic service-account-file.

Video for reference: Deploying the Products API on Kubernetes 2 of 2

**2.**

Which Cloud SDK component is installed by default?

thumb\_up

thumb\_down

A

core

B

beta

C

kubectl

D

cbt

**Correct Answer: A**

**Why is this correct?**

The Cloud SDK core library component is installed by default.

Video for reference: Configuring Common Services 1 of 2

INCORRECT

**3.**

Which command is used to create a Google Cloud Function?

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thumb\_down

A

gcloud functions deploy

B

gcloud function create

C

gcloud functions create

D

gcloud function deploy

**Your Answer: C**

**Why is this incorrect?**

This is not a valid command. create should not be used.

Video for reference: Deploying the Image Processor With Cloud Functions

**Correct Answer: A**

**Why is this correct?**

The gcloud functions deploy command is used to create, deploy, and update Cloud Functions.

Video for reference: Deploying the Image Processor With Cloud Functions

**4.**

Which command should we run to view enabled services?

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thumb\_down

A

gcloud services enable

B

gcloud services list --available

C

gcloud services list --enabled

D

gcloud services view --enabled

**Correct Answer: C**

**Why is this correct?**

This is the correct command. The --enabled flag is what allows us to specify enabled services.

Video for reference: Configuring Common Services 1 of 2

INCORRECT

**5.**

What command is used to create a Spanner database table?

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thumb\_down

A

gcloud spanner databases ddl

B

gcloud spanner databases create

C

gcloud spanner database ddl

D

gcloud spanner instances create

**Your Answer: C**

**Why is this incorrect?**

This command is invalid. database should be plural.

Video for reference: Deploying the Ads API on Compute Engine With Deployment Manager 1 of 2

**Correct Answer: A**

**Why is this correct?**

This is the proper command to create a Spanner database table. The ddl subcommand refers to Data Definition Language and is used to create or modify database tables.

Video for reference: Deploying the Ads API on Compute Engine With Deployment Manager 1 of 2

**6.**

Service accounts are designed to be used by **\_, instead of \_**. Select the most appropriate response.

thumb\_up

thumb\_down

A

services and code; human users

B

human users; code

C

on-premises users; cloud users

D

developers; managers

**Correct Answer: A**

**Why is this correct?**

Service accounts make it easier for software to interact with various Google services. Service accounts are designed to be used by services (such as Compute Engine) and code instead of people.

Video for reference: Deploying the Products API on Kubernetes 1 of 2

**7.**

How can Cloud Functions be triggered? Select the most appropriate response.

thumb\_up

thumb\_down

A

Cloud Pub/Sub

B

Each of these answers is correct.

C

Cloud Storage

D

HTTP request

**Correct Answer: B**

**Why is this correct?**

Cloud Functions can be triggered using HTTP triggers, Cloud Pub/Sub triggers, Cloud Storage triggers, and more. See more here: <https://cloud.google.com/functions/docs/calling/>.

Video for reference: Deploying the Image Processor With Cloud Functions

**8.**

Which of the following responses is NOT true regarding multi-regional Spanner instances?

thumb\_up

thumb\_down

A

High availability

B

Less expensive than regional instances

C

More expensive than regional instances

D

Google handles replication

**Correct Answer: B**

**Why is this correct?**

This response is not true. Multi-regional Spanner instances are more expensive than regional instances.

Video for reference: Deploying the Ads API on Compute Engine With Deployment Manager 1 of 2

**9.**

Which statement is true for App Engine instances?

thumb\_up

thumb\_down

A

We can change the region of our App Engine instance as needed.

B

The region names are different than region names for other services.

C

Every project can have up to three App Engine instances.

D

Like other services, App Engine instances can be created and deleted as needed.

**Correct Answer: B**

**Why is this correct?**

Region names for App Engine instances are different than the region names for other services. App Engine predates other Google Cloud services and works differently.

Video for reference: Deploying the Front-end in App Engine

**10.**

What is CIDR notation used for?

thumb\_up

thumb\_down

A

Name storage buckets

B

Store project settings

C

Find service ID

D

Create an IP address range

**Correct Answer: D**

**Why is this correct?**

CIDR notation allows us to create an IP address range. It stands for Classless Inter-domain Routing.

Video for reference: Configuring Common Services 1 of 2

**11.**

Cloud Launcher, now called Marketplace, can be used to deploy which of the following tools?

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thumb\_down

A

Each response is correct.

B

Jenkins

C

Wordpress

D

Gitlab

**Correct Answer: A**

**Why is this correct?**

Marketplace, formally Cloud Launcher, can be used to install tools such as Wordpress, Jenkins, and Gitlab.

Video for reference: Deploying Wordpress with Cloud Launcher

INCORRECT

**12.**

According to Application Default Credentials (ADC), how does a Google Cloud client library locate application credentials?

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thumb\_down

A

If the default service account cannot be located, ADC searches for environment variable GOOGLE\_APPLICATION\_CREDENTIALS to find the service account key.

B

First, ADC searches for environment variable GOOGLE\_APPLICATION\_CREDENTIALS to see if the service account key is stored.

C

If the environment variable GOOGLE\_APPLICATION\_CREDENTIALS is not set, then you will be prompted to provide the service account credentials.

D

First, ADC uses the default service account that is being used by other services.

**Your Answer: A**

**Why is this incorrect?**

This is not the correct order. If GOOGLE\_APPLICATION\_CREDENTIALS is not set, then ADC will use the default service account.

Video for reference: Deploying the Products API on Kubernetes 1 of 2

**Correct Answer: B**

**Why is this correct?**

The first step is for ADC to check if environment variable GOOGLE\_APPLICATION\_CREDENTIALS is set to the service account key.

Video for reference: Deploying the Products API on Kubernetes 1 of 2

**13.**

What is a way to reduce network latency when creating a Kubernetes cluster?

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A

Use the same zone as the other services

B

Use a separate zone for each individual service

C

Use us-west1-a for Kubernetes, and us-central1-a for the other services

D

Use a separate zone for the Kubernetes cluster

**Correct Answer: A**

**Why is this correct?**

When creating a Kubernetes cluster, use the same zone as other services to reduce network latency.

Video for reference: Deploying the Products API on Kubernetes 1 of 2

**14.**

Which prefix is used to identify Cloud Storage resources?

thumb\_up

thumb\_down

A

GS://

B

SB://

C

UTIL://

D

CS://

**Correct Answer: A**

**Why is this correct?**

This is the correct prefix to identify Cloud Storage resources.

Video for reference: Configuring Common Services 2 of 2

**15.**

Which of the following statements is NOT true regarding Cloud Storage buckets?

thumb\_up

thumb\_down

A

Call gsutil iam ch to change a private storage bucket to public.

B

To make a storage bucket public, set the allUsers group to have objectViewer rights.

C

Storage buckets are public by default.

D

Storage buckets are private by default.

**Correct Answer: C**

**Why is this correct?**

This statement is not true. Storage buckets are private unless we make them public.

Video for reference: Configuring Common Services 2 of 2

**16.**

How many times do setup scripts need to be run? Select the most appropriate response.

thumb\_up

thumb\_down

A

twice; once for initial setup and again to deploy the codebase

B

once to deploy a codebase

C

multiple times as needed

D

once during initial setup

**Correct Answer: D**

**Why is this correct?**

Setup scripts such as service account and Kubernetes cluster should run once during the initial setup.

Video for reference: Reviewing the Codebase

**17.**

How are access scopes used?

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thumb\_down

A

To set environment variables.

B

To uniquely identify a specific resource.

C

To assign permissions to VM instances.

D

To map traffic between ports.

**Correct Answer: C**

**Why is this correct?**

Access scopes are a legacy predating Cloud IAM. They are used to assign permissions to VM instances.

Video for reference: Deploying the Ads API on Compute Engine With Deployment Manager 2 of 2

INCORRECT

**18.**

Select the proper command to create a service account.

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thumb\_down

A

gcloud iam service-account create

B

gcloud service-accounts create

C

gcloud iam service-accounts create

D

gcloud iam service-accounts deploy

**Your Answer: A**

**Why is this incorrect?**

This is not the correct command. service-account should be plural.

Video for reference: Deploying the Products API on Kubernetes 1 of 2

**Correct Answer: C**

**Why is this correct?**

This command is used to create a service account.

Video for reference: Deploying the Products API on Kubernetes 1 of 2

**19.**

Which command is used to copy to or from a Cloud Storage bucket?

thumb\_up

thumb\_down

A

gcloud cp

B

gsutil cp

C

gcloud copy

D

gsutil copy

**Correct Answer: B**

**Why is this correct?**

This command is used to copy to or from a Cloud Storage bucket.

Video for reference: Deploying the Ads API on Compute Engine With Deployment Manager 2 of 2

**20.**

Which of the following statements is true regarding BigQuery and Cloud Bigtable?

thumb\_up

thumb\_down

A

BigQuery can pull data from Cloud Bigtable in every region.

B

BigQuery cannot pull data from Cloud Bigtable if using the us-central1 region.

C

None of the responses shown are true.

D

BigQuery cannot pull data from Cloud Bigtable in every region.

**Correct Answer: D**

**Why is this correct?**

This statement is true. Not all services and functionality are available in every region. To query data in Cloud Bigtable, use us-central1.

Video for reference: Configuring Common Services 2 of 2

**21.**

What is NOT a benefit of using Deployment Manager?

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A

Deployment Manager makes REST API calls for us.

B

Deployment Manager helps us reproduce projects and reuse code.

C

We can create XML templates.

D

We can create templates in Jinja or Python.

**Correct Answer: C**

**Why is this correct?**

This statement is not true and thus is not a benefit of Deployment Manager.

Video for reference: Deploying the Ads API on Compute Engine With Deployment Manager 1 of 2

**22.**

What is the proper command to update an existing deployment?

thumb\_up

thumb\_down

A

gcloud deployment-manager deployments create

B

gcloud deployment-manager deployment update

C

gcloud deployment-manager deployments replace

D

gcloud deployment-manager deployments update

**Correct Answer: D**

**Why is this correct?**

This command is used to update an existing deployment.

Video for reference: Deploying the Ads API on Compute Engine With Deployment Manager 2 of 2