



Cloud Computing
Assignment- Week 4
TYPE OF QUESTION: MSQ

Number of questions: 10

Total mark: 10 X 1 = 10

QUESTION 1:

The configuration of a1.large instance in Amazon Web Service(AWS) is

- (a) 1 vCPU and 2048 MB RAM
- (b) 2 vCPUs and 4096 MB RAM
- (c) 4 vCPUs and 8192 MB RAM
- (d) 8 vCPUs and 16382 MB RAM

Correct Answer: b

Detailed Solution:

The combination of vCPUs and RAM in a1.large instance of AWS is 2 vCPUs and 4096 MB (or 4 GB). So, correct option is (b).

QUESTION 2:

Statement 1: Google App Engine is an Infrastructure as a Service (IaaS) product of GCP

Statement 2: Google Compute Engine is a Platform as a Service (PaaS) component of GCP

- (a) Statement 1 is True and Statement 2 is False
- (b) Statement 1 is False and Statement 2 is True
- (c) Both statements are True
- (d) Both statements are False

Correct Answer: d

Detailed Solution:

Google App Engine is Platform as a Service (PaaS) product. Google Compute Engine is an Infrastructure as a Service (IaaS) product. So, both statements are False. Correct option is (d).



QUESTION 3:

Statement 1: Fixed IP address of OpenStack VM is used for communication between instances

Statement 2: Floating IP address of OpenStack VM is used for communication with networks outside the cloud, including the Internet.

- (a) Statement 1 is True and Statement 2 is False
- (b) Statement 1 is False and Statement 2 is True
- (c) Both statements are True
- (d) Both statements are False

Correct Answer: c

Detailed Solution:

Fixed IP address of OpenStack VM is used for communication between instances and Floating IP address of OpenStack VM is used for communication with networks outside the cloud, including the Internet. So, both statements are true. Correct option is (c).

QUESTION 4:

Identify the correct statement(s) about Google Cloud Platform(GCP) storage

- (a) Cloud SQL is Google's fully managed, petabyte scale, low cost analytics data warehouse to find meaningful insights
- (b) BigQuery maintains, manages, and administers relational databases on Google Cloud Platform
- (c) MySQL or NoSQL databases present in Google DataStore
- (d) Cloud Storage provides flexible object storage with global edge caching

Correct Answer: c, d

Detailed Solution:

Cloud SQL maintains, manages, and administers relational databases on Google Cloud Platform. BigQuery is Google's fully managed, petabyte scale, low cost analytics data warehouse to find meaningful insights. You get MySQL or NoSQL databases in Google DataStore. Cloud Storage provides flexible object storage with global edge caching. So, the correct options are (c), and (d).



QUESTION 5:

A user deploys his/her app remotely in Azure. At the time of deployment, system asks for password. Which password S/he will enter?

- (a) S/he enters the login password of Azure account while it asks for password
- (b) S/he enters the deployment user password of Azure account while it asks for password
- (c) S/he enters the Gmail password while it asks for password
- (d) S/he enters the online banking password while it asks for password

Correct Answer: b

Detailed Solution:

Push to the Azure remote to deploy your app. You are prompted for the password you created earlier when you created the deployment user. Make sure that you enter the password you created in Configure a deployment user, not the password you use to log in to the Azure portal. So, the correct option is (b).

QUESTION 6:

Azure App Service supports to deploy content to a web app through FTP, local Git, GitHub, Visual Studio Team Services, and Bitbucket.

- (a) TRUE
- (b) FALSE

Correct Answer: a

Detailed Solution:

App Service supports several ways to deploy content to a web app, such as FTP, local Git, GitHub, Visual Studio Team Services, and Bitbucket. So, the question statement is TRUE. Correct option is (a).



QUESTION 7:

Microsoft Azure App service plan includes

- (a) Scale Count
- (b) Region
- (c) Instance Size
- (d) Stock Keeping Unit (SKU)

Correct Answer: a, b, c, d

Detailed Solution:

App Service plans define: Region (for example: North Europe, East US, or Southeast Asia), Instance size (small, medium, or large), Scale count (1 to 20 instances), SKU (Free, Shared, Basic, Standard, or Premium). So, all options are correct.

QUESTION 8:

What core function(s) do(es) Keystone perform?

- (a) Networking
- (b) Compute
- (c) Storage
- (d) Authentication and Identity service

Correct Answer: d

Detailed Solution:

Keystone is an OpenStack service that provides API client authentication, service discovery, and distributed multi-tenant authorization by implementing OpenStack's Identity API. So, the correct option is (d).



QUESTION 9:

Which of the following statements are TRUE about Resource Group in Microsoft Azure?

- (a) It manages Azure resources
- (b) It is a physical container
- (c) It deploys web apps, databases, and storage accounts
- (d) None of the above

Correct Answer: a, c

Detailed Solution:

A resource group is a logical container into which Azure resources like web apps, databases, and storage accounts are deployed and managed. Correct options are (a), and (c).

QUESTION 10:

Match the following columns:

| Column 1 | Column 2 |
|--|---|
| A. GoogleAppEngine B. GoogleCloudEndpoint C. GoogleAPI | 1. Helps end users' application scalability 2. Integrates Google's services into end users' application 3. Considers to migrate your web application to Google Cloud Platform |

- (a) A-1, B-2, C-3
- (b) A-2, B-3, C-1
- (c) A-3, B-1, C-2
- (d) A-2, B-1, C-3

Correct Answer: c

Detailed Solution:

GoogleAppEngine considers to migrate your web application to Google Cloud Platform. GoogleCloudEndpoints help end users' application scalability. GoogleAPIs integrate Google's services into end users' application. So, correct option is (c).