Unit 6 - Week 4

Course outline

How does an NPTEL online course work?

Week 0 Assignment 0

Week 1

Week 2

Week 3

Week 4

- Lecture 16 : Cloud Computing: Opensource Cloud– Openstack Demo
- Lecture 17 : Cloud Computing: Case Study with a Commercial Cloud-Microsoft Azure
- Lecture 18 : Cloud Computing: Demo - Microsoft Azure
- Lecture 19 : Cloud Computing: Case Study - Google Cloud Platform (GCP)
- Lecture 20 : Cloud Computing: Demo - Google Cloud Platform (GCP)
- Lecture material of Week 4
- Quiz : Week 4 Assignment 4
- Week 4 Feedback Form

Week 5

Week 6

Week 7

Week 8

Text Transcripts

Books

Detail Solution

Live Interactive Session

Week 4 Assignment 4

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-03-25, 23:59 IST.

1) Which of the following OpenStack component is/are responsible for on demand scheduling of virtual machines? *1 point*

(a) Cinder
(b) Nova
(c) Swift
(d) Glance

- (a)
- (b)
- (c)
- (d)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(b)

2) *1 point*

A. Cloud SQL B. Nova, OpenStack C. BigQuery D. Swift, OpenStack	1. Maintains, manages, and administers relational databases on Google Cloud Platform 2. Google's fully managed, petabyte scale, low cost analytics data warehouse to find meaningful insights 3. Manages the lifecycles of instances including spawning, scheduling and decommissioning of virtual machines on demand

Choose the correct option:
(a) A-3, B-1, C-2
(b) A-1, B-3, C-2
(c) A-2, B-3, C-1
(d) A-1, D-3, C-2

- (a)
- (b)
- (c)
- (d)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(b)

3) Statement 1: Azure supports hybrid cloud platform.
Statement 2: Azure App Service plan defines security. *0 points*

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

- (a)
- (b)
- (c)
- (d)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(d)

4) Swift component of OpenStack is responsible for providing persistent block storage to running instances *1 point*

(a) TRUE
(b) FALSE

- (a)
- (b)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(b)

5) Keystone provides identity and authentication for all OpenStack services. *1 point*

(a) TRUE
(b) FALSE

- (a)
- (b)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(a)

6) In OpenStack, when a VM is terminated, which of the following resources are freed? *1 point*

(a) Ephemeral and persistent storage, all IPs, RAM and vCPUs
(b) Ephemeral and persistent storage only
(c) Ephemeral storage, all IPs, RAM and vCPUs
(d) None

- (a)
- (b)
- (c)
- (d)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(c)

7) Google Cloud End Points help to migrate the web app to Google Cloud Platform for better performance *1 point*

(a) TRUE
(b) FALSE

- (a)
- (b)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(b)

8) What core function(s) do(es) Neutron perform? *1 point*

(a) Networking
(b) Compute
(c) Storage
(d) None of the above

- (a)
- (b)
- (c)
- (d)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(a)

9) Which three OpenStack components are required for Nova to function? *1 point*

(a) Neutron, Horizon and Glance
(b) Glance, Keystone and Horizon
(c) Keystone, Glance and Neutron
(d) Cinder, Swift and Kolla

- (a)
- (b)
- (c)
- (d)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(c)

10) GCP: Choose the correct option(s) *1 point*

(a) To run your web-application, you need to configure only the Google Storage bucket
(b) "gcloud app deploy app.yaml" the command can be used to deploy your app to app-engine
(c) After launching your application to app-engine anyone can view the app at http://[YOUR_PROJECT_ID].appspot.com
(d) "gcloud app browse" – can be used to start the local development server for the application

- (a)
- (b)
- (c)
- (d)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(b)
(c)