About the Course

Ask a Question

Progress Mentor

Due on 2020-04-22, 23:59 IST.

1 point

NPTEL » Cloud computing

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Week 8 Assignment 8 The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Match the following two tables

Table - II Table - I [Layers of Green Broker] [Responsibilities of Green Brokers] i. Carbon aware scheduling ii. User requirements analysis iii. Calculation of cost and carbon footprint of services

1. 1st layer 2. 2nd Layer 3. 3rd Layer a. 1. ->(ii), 2. ->(iii), 3. ->(i) b. 1. ->(ii), 2. ->(i), 3. ->(iii) c. 1. ->(iii), 2. ->(i), 3. ->(ii)

d. 1. ->(iii), 2. ->(ii), 3. ->(i) □ a. b.

□ c. □ d. No, the answer is incorrect. Score: 0 Accepted Answers: a.

a. Docker Engine b. Docker Hub c. Docker Compose

Accepted Answers:

Score: 0

Accepted Answers:

Accepted Answers:

d. 6/5

No, the answer is incorrect.

Accepted Answers:

□ a.

□ b.

□ c.

□ d.

Score: 0

□ a.

□ b.

__ c.

□ d.

Score: 0

□ c.

□ d.

Score: 0

□ a.

□ b.

_ c.

d.

□ a.

□ b.

_ c.

□ d.

Score: 0

No, the answer is incorrect.

No, the answer is incorrect.

Score: 0

Accepted Answers:

d.

No, the answer is incorrect.

transparency.

No, the answer is incorrect.

c. Not scalable

d. Widely Distributed

Accepted Answers:

Accepted Answers:

d.

c. Both statements are True

d. Both statements are False

resources and the cloud

Which is used for building Docker images and creating Docker containers?

d. None of these □ a. □ b. □ c. □ d. No, the answer is incorrect.

Consider the following two statements: Statement 1:Docker containers are pretty lightweight but they are not easily scalable. Statement 2: Containers can share the OS kernel with other containers a. Statement 1 is True and Statement 2 is False b. Statement 2 is True and Statement 1 is False

□ a. □ b. __ c. d. No, the answer is incorrect.

when requested by the cloud services. a. Statement 1 is True and Statement 2 is False b. Statement 2 is True and Statement 1 is False c. Both statements are True d. Both statements are False

Statement 2: Sensor network proxy collects data from the sensor network continuously or as and

Statement 1:Sensor cloud proxy manages sensor network connectivity between the sensor

□ a. □ b. _ c. □ d. No, the answer is incorrect. Score: 0

In the context of Green Cloud Computing, overall power used in datacenter is 90 units and power delivered to computing equipment is 75 units. What will be the effectiveness of power usage? a. 15 b. 5 c. 5/6

Statement 2:In three-tier high-speed architecture, load balancing is done using 2-way ICMP. Statement 1 is TRUE and Statement 2 is FALSE Statement 1 is FALSE and Statement 2 is TRUE Both statements are TRUE

Statement 1:In two-tier DC architecture, load balancing is done using ECMP.

Both statements are FALSE

Statement 2:In sensor cloud, physical sensors contain metadata about the virtual sensors and user currently holding that physical sensors. a. Statement 1 is TRUE and Statement 2 is FALSE

Statement 1:Virtual sensors provide a customized view to users using distribution and location

d. Both statements are FALSE □ a. □ b.

Which of the following(s) is/are aspect(s) of IoT systems?

b. Statement 2 is TRUE and Statement 1 is FALSE

c. Both statements are TRUE

a. Homogeneous systems b. Functions in Real Time

□ d. No, the answer is incorrect. Score: 0 Accepted Answers: b.

Match the following two tables-

1. One to many virtual sensor

b. 1. ->(ii), 2. ->(i), 3. ->(iii)

c. 1. ->(iii), 2. ->(i), 3. ->(ii)

c. Storage as a Service

Table 1

configuration sensor types 2. Many to one virtual sensor ii. The geographical area is divided into regions and configuration each region can have one or more physical sensors and sensor networks 3. Derived virtual sensor configuration iii. One physical sensor corresponds to many virtual sensors a. 1. ->(ii), 2. ->(iii), 3. ->(i)

Table 2

i. The virtual sensor communicates with multiple

d. 1. ->(iii), 2. ->(ii), 3. ->(i)

traffic information, parking availability etc., which can be termed as a. Network as a Service b.Platform as a Service

A typical IoT based vehicular data cloud offers a variety of cooperative information services, like

d. None □ a. □ b. __ c. □ d.

Accepted Answers: