Activity 3.1

Total points4/5

EC2 Compute

The respondent's email address (**c16315253@mydit.ie**) was recorded on submission of this form.

If I want my instance to run on a single-tenant hardware, which value do I have to set the instance's tenancy attribute to?

1/1

dedicated

isolated

one

Spot

Identify a true statement about the On-Demand instances purchasing option provided by Amazon EC2.

1/1

Pay for the instances that you use by the hour, with no long-term commitments or up-front payments.

Make a low, one-time, up-front payment for an instance, reserve it for a one- or three-year term, and pay a significantly lower hourly rate for these instances.

Pay for the instances that you use by the hour, with long-term commitments or up-front payments.

Make a high, one-time, all-front payment for an instance, reserve it for a one- or three-year term, and pay a significantly higher hourly rate for these instances.

Feedback

*On-Demand instances allow you to pay for the instances that you use by the hour, with no long-term commitments or up-front payments.*

A user needs to run a batch process which runs for 10 minutes. This will only be run once, or at maximum twice, in the next month, so the processes will be temporary only. The process needs 15 X-Large instances. The process downloads the code from S3 on each instance when it is launched, and then generates a temporary log file. Once the instance is terminated, all the data will be lost. Which of the below mentioned pricing models should the user choose in this case? \*

0/1

Spot instance.

Reserved instance.

On-demand instance.

EBS optimized instance.

Correct answer

Spot instance.

Feedback

*In Amazon Web Services, the spot instance is useful when the user wants to run a process temporarily. The spot instance can terminate the instance if the other user outbids the existing bid. In this case all storage is temporary and the data is not required to be persistent. Thus, the spot instance is a good option to save money.*

Which of the following is NOT a characteristic of Amazon Elastic Compute Cloud (Amazon EC2)?

1/1

It can be used to launch as many or as few virtual servers as you need.

It increases the need to forecast traffic by providing dynamic IP addresses for static cloud computing.

It eliminates your need to invest in hardware up front, so you can develop and deploy applications faster.

It offers scalable computing capacity in the Amazon Web Services (AWS) cloud.

Feedback

*Amazon Elastic Compute Cloud (Amazon EC2) provides scalable computing capacity in the Amazon Web Services (AWS) cloud. Using Amazon EC2 eliminates your need to invest in hardware up front, so you can develop and deploy applications faster. You can use Amazon EC2 to launch as many or as few virtual servers as you need, configure security and networking, and manage storage. Amazon EC2 enables you to scale up or down to handle changes in requirements or spikes in popularity, reducing your need to forecast traffic.*

Which of the below mentioned options allows the user to procure the resources beforehand so that they need not worry about infrastructure availability during the demonstration?

1/1

Procure all the instances as reserved instances beforehand.

Launch all the instances as part of the cluster group to ensure resource availability.

Pre-warm all the instances one month prior to ensure resource availability.

Ask AWS now to procure the dedicated instances in 6 months.

Feedback