**EC2 – Instance**

Q 12 : Which of the following are characteristics of a reserved instance? Choose 3 answers

A.It can be migrated across Availability Zones

B.It is specific to an Amazon Machine Image (AMI)

C.It can be applied to instances launched by Auto Scaling

D.It is specific to an instance Type

E.It can be used to lower Total Cost of Ownership (TCO) of a system

**Ans: A , D and E**

Q 13 : Which Amazon Elastic Compute Cloud feature can you query from within the instance to access instance properties?

A.Instance user data

B.Resource tags

**C.Instance metadata**

D.Amazon Machine Image

**Ans : C**

Q 14 : Which of the following requires a custom CloudWatch metric to monitor?

A.Memory Utilization of an EC2 instance

B.CPU Utilization of an EC2 instance

C.Disk usage activity of an EC2 instance

D.Data transfer of an EC2 instance

**Explanation:**

**http://arr.gr/blog/2013/08/monitoring-ec2-instance-memory-usage-with-cloudwatch/**

**Ans : A**

Q 20 : When an EC2 instance that is backed by an S3-based AMI is terminated, what happens to the data on the root volume?

A.Data is automatically saved as an EBS snapshot.

B.Data is automatically saved as an EBS volume.

C.Data is unavailable until the instance is restarted.

**D.Data is automatically deleted.**

**Ans : D**

Q 21 : In order to optimize performance for a compute cluster that requires low inter-node latency, which of the following feature should you use?

A.Multiple Availability Zones

B.AWS Direct Connect

C.EC2 Dedicated Instances

**D. Placement Groups**

E.VPC private subnets

**Ans : D**

Q 23 : You have a distributed application that periodically processes large volumes of data across multiple AmazonEC2 Instances. The application is designed to recover gracefully from Amazon EC2 instance failures. You are required to accomplish this task in the most cost-effective way. Which of the following will meet your requirements?

A.Spot Instances

B.Reserved instances

C.Dedicated instances

**D.On-Demand instances**

Ans : D