AWS Exam Questions

1. I have some private servers on my premises, also I have distributed some of my workload on the public cloud, what is this architecture called?
   1. Virtual Private Network
   2. Private Cloud
   3. Virtual Private Cloud
   4. Hybrid Cloud
2. You have a distributed application that periodically processes large volumes of data across multiple Amazon EC2 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?

* 1. Spot Instances
  2. Reserved instances
  3. Dedicated instances
  4. On-Demand instances

1. 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. Dedicated
   2. Isolated
   3. One
   4. Reserved

1. When will you incur costs with an Elastic IP address (EIP)?
   1. When an EIP is allocated.
   2. When it is allocated and associated with a running instance.
   3. When it is allocated and associated with a stopped instance.
   4. Costs are incurred regardless of whether the EIP is associated with a running instance.
2. Another scenario-based interview question. You need to configure an Amazon S3 bucket to serve static assets for your public-facing web application. Which method will ensure that all objects uploaded to the bucket are set to public read?
   1. Set permissions on the object to public read during upload.
   2. Configure the bucket policy to set all objects to public read.
   3. Use AWS Identity and Access Management roles to set the bucket to public read.
   4. Amazon S3 objects default to public read, so no action is needed.
3. You want to launch Amazon Elastic Compute Cloud (EC2) instances and assign each instance a predetermined private IP address you should:
   1. Launch the instance from a private Amazon Machine Image (AMI).
   2. Assign a group of sequential Elastic IP address to the instances.
   3. Launch the instances in the Amazon Virtual Private Cloud (VPC).
   4. Launch the instances in a Placement Group.
4. Why do you make subnets?
   1. Because there is a shortage of networks
   2. To efficiently utilize networks that have a large no. of hosts.
   3. Because there is a shortage of hosts.
   4. To efficiently utilize networks that have a small no. of hosts.

Answer B.

1. If I am running my DB Instance as a Multi-AZ deployment, can I use the standby DB Instance for read or write operations along with primary DB instance?
   1. Yes
   2. Only with MySQL based RDS
   3. Only for Oracle RDS instances
   4. No
2. You have a content management system running on an Amazon EC2 instance that is approaching 100% CPU utilization. Which option will reduce load on the Amazon EC2 instance?
   1. Create a load balancer, and register the Amazon EC2 instance with it
   2. Create a CloudFront distribution, and configure the Amazon EC2 instance as the origin
   3. Create an Auto Scaling group from the instance using the CreateAutoScalingGroup action
   4. Create a launch configuration from the instance using the CreateLaunchConfigurationAction
   5. The Auto Scaling group will be terminated automatically

10What was Hadoop written in ?

1. [**A.**](javascript:%20void(0)) Java (software platform)
2. [**B.**](javascript:%20void(0)) Perl
3. [**C.**](javascript:%20void(0)) Java (programming language)
4. [**D.**](javascript:%20void(0)) Lua (programming language)

11.All of the following accurately describe Hadoop, EXCEPT:

* [**A.**](javascript:%20void(0)) Open source
* [**B.**](javascript:%20void(0)) Real-time
* [**C.**](javascript:%20void(0)) Java-based
* [**D.**](javascript:%20void(0)) Distributed computing approach

12.The type of data Hadoop can deal with is

[**A** - Structred](javascript:void(0);)

[**B** - Semi-structured](javascript:void(0);)

[**C** - Unstructured](javascript:void(0);)

**D** - All of the above

Which one of the following stores data?

[**A** - Name node](javascript:void(0);)

**B** - Data node

[**C** - Master node](javascript:void(0);)

[**D** - None of these](javascript:void(0);)