

Question 1) What HTTP response code indicates that an AWS REST API call is successful?

- a) 404
- b) 200
- c) 201
- d) 350

Question 2) You were using t2.small instance to host a database of your application. After few months, you have noticed performance issues with your database very often. What will you do to improve the performance of your database?

- a) Resize your instance to larger instance type
- b) Migrate your database to HVM based AMI
- c) Migrate your database to DynamoDB
- d) Create RAID 0 configuration to use the available bandwidth

Question 3) A client application requires operating system privileges on a relational database server. What is an appropriate configuration for highly available database architecture?

- a) Standalone Amazon EC2 instance
- b) Amazon RDS in a Multi-AZ configuration
- c) Deploy EC2 instances across multiple Availability Zones, and replicate your data appropriately
- d) Deploy EC2 instance in single Availability Zones, and take regular snapshot of EBS volume

Question 4) When launching your instance, you need to specify parameters for configuring your instance?

- a) Startup Script
- b) Launch Configuration
- c) Meta Data
- d) User Data

Question 5) You manually launch a NAT AMI in a public subnet. The network is properly configured. Security groups and network access control lists are properly configured. Instances in a private subnet can access the NAT. The NAT can access the Internet. However private instances cannot access the Internet. What additional step is required to allow access from the private instances?

- a) Enable Source/Destination Check on the private Instances
- b) Enable Source/Destination Check on the NAT instance
- c) Disable Source/Destination Check on the private instances
- d) Disable Source/Destination Check on the NAT instance

Question 6) A company has configured and peered two VPCs: VPC-1 and VPC-2. VPC-1 contains only private subnets and VPC-2 contains only public subnets. The company uses a single AWS Direct Connect connection and private virtual interface to connect their on-premises network with VPC-1. Which two methods increase the fault tolerance of the connection to VPC-1? (Choose 2)

- a) Establish hardware VPN over the internet between VPC-2 and the on-premises network.
- b) Establish hardware VPN over the internet between VPC-1 and the on-premises network.
- c) Establish a new AWS Direct Connect connection and private virtual interface in a different region than VPC-2.
- d) Establish a new AWS Direct Connect connection and private virtual interface in a different AWS region than VPC-1.
- e) Establish a new AWS Direct Connect connection and private virtual interface in the same AWS

Question 7) How will a domain's zone apex point towards an Elastic Load Balancer, example, "privatezone?"

- a) By using an Amazon Route 53 Alias record
- b) By using an AAAA record
- c) By using an Amazon Route 53 CNAME record
- d) By using an A record

Question 8) Select appropriate use cases for Simple Workflow Service (SWF) with Amazon EC2? (Choose 2)

- a) Video encoding using Amazon S3 and Amazon EC2. In this use case, large videos are uploaded to Amazon S3 in chunks. Role is handled as one workflow execution.
- b) Processing large product catalogs using Amazon Mechanical Turk. While validating data in large catalogs, the products in the catalog are processed in batches. Different batches can be processed concurrently.
- c) Order processing system with Amazon EC2, SQS, and SimpleDB. Use SWF notifications to orchestrate an order processing system running on EC2, where notifications sent over HTTP can trigger real-time processing in related components such as an inventory system or a shipping service.
- d) Using as an SQS (Simple Queue Service) endpoint to trigger execution of video transcoding jobs.

Question 9) You launched a new EC2 Linux instance and try to connect via Putty from your laptop. After you connect to your instance using SSH, you are getting the "Permission denied" error. What could be the cause of this error? (Choose 2)

- a) Using wrong role attached to EC2 instance
- b) Using wrong Security Groups configuration
- c) Using the wrong private key role
- d) Using wrong user name

Question 10) one of your client wants you to perform Vulnerability/Port scanning activities on resources hosted with AWS.

- a) Develop Port scanning scripts and use Opsworks to execute them.
- b) Request authorization for Vulnerability/Port scanning from AWS by submitting the form.
- c) Start scanning with m1.small or t1.micro EC2 instance types.
- d) Execute the Port scanning scripts immediately based on their availability.

Answer Keys:

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| 1) B | 6) B & E |
| 2) A & B | 7) A |
| 3) C | 8) B & C |
| 4) A | 9) C & D |
| 5) D | 10) B |

Cheers, Good luck guys!!