

Question 1) Your IT based application spreads across multiple web servers and the incoming traffic is balanced by an elastic load balancer (ELB). Your IT application allows users to upload images and audio. Currently, each server stores the uploaded data locally, and a background task synchronizes the data between various servers. The issue you are facing is that, the synchronization task you have can no longer keep up with the number of data uploaded. What change should you to enable, so that all web servers have a place to store and read images at the same time?

- a) Store data on ELB
- b) Store data on instance store volume
- c) Store data on S3
- d) Store data on elastic block store

Question 2) What is the HTTP status code after successful upload to S3 bucket?

- a) 400
- b) 300
- c) 500
- d) 200

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

- a) Standalone EC2 instance
- b) Amazon RDs in multizone-AZ configuration
- c) Amazon RDS in single AZ configuration with automated backup
- d) Amazon RDs in multizone-AZ configuration with read replica

Question 4) True/False: You must launch your T2 instance with EBS at the root device.

- a) True
- b) False

Question 5) While launching an instance to a VPC subnet with the network ACL it has been configured to allow all inbound traffic and deny all outbound traffic. The same instance's security group is configured to allow SSH from any IP address and deny all outbound traffic. What changes should be made to allow SSH access to the instance?

- a) The outbound security group needs to be modified to allow outbound traffic.
- b) The outbound network ACL needs to be modified to allow outbound traffic.
- c) Nothing, it can be accessed from any IP address using SSH.
- d) Both the outbound security group and outbound network ACL need to be modified to allow outbound traffic.

Question 6) You have multiple EC2 instances running as a cluster within a single Availability Zone. You have noticed some latency issues and you want to provide the lowest latency, and the highest packet-per-second network performance? Which following feature should you use?

- a) Upgrade to I2 large instance
- b) Placement group
- c) Deploy instance in multi-AZ
- d) Direct connect

Question 7) When launching your instance, you need to run a scripts after the instance starts. Which feature you would use?

- a) Startup script
- b) User data
- c) Meta data
- d) Opswork

Question 8) When using Elastic IP address, AWS user will pay premium for an Elastic IP address, during which below scenario?

- a) When an Elastic IP address is allocated to you
- b) When you attach an elastic IP to an instance
- c) When IP address is allocated and is used
- d) You pay for an elastic IP irrespective of you use or not, even if you don't use.

Question 9) In AWS, Which below security elements are responsibility of the customer? (Choose 4)

- a) Security groups and ACL
- b) Decommissioning of storage devices
- c) Patch management of EC2 instance's operating system.
- d) Lifecycle management of IAM credentials
- e) Controlling physical access to the data centre
- f) Encryption of EBS volume

Question 10) 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 "Connection timed out" error. What could be the cause of this error, and what you should check first? (Choose 3)

- a) Check the role attached to the EC2 instance
- b) Check the security group rules
- c) Check the public/private keys
- d) Check the route table for the subnet
- e) Check username/password
- f) Check the network access control lists

Answer Keys:

- | | |
|------|----------------|
| 1. C | 6. B |
| 2. D | 7. B |
| 3. A | 8. A |
| 4. A | 9. A, C, D & F |
| 5. B | 10. B, D & F |
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