

Started on	Monday, 15 September 2025, 1:02 PM
State	Finished
Completed on	Monday, 15 September 2025, 1:07 PM
Time taken	5 mins 10 secs
Marks	2.00/4.00
Grade	50.00 out of 100.00

Question

1

Complete

Mark 0.00 out of 1.00

EC2 Auto Scaling: Which scaling policy best fits to keep ALB latency under 200 ms during unpredictable spikes?

Select one:

- ☐ a. **Scheduled scaling every evening**
- ☐ b. **Step scaling based on ALB 5XX errors**
- ☐ c. **Target tracking on an ALB latency metric**
- ☒ d. **Simple scaling with a fixed step of +2 instances on high CPU**

Question

2

Complete

Mark 1.00 out of 1.00

S3 Replication: A bucket in us-east-1 must replicate all existing objects and future delete markers to eu-west-1. Which works?

Select one:

- ☒ a. **Use S3 Batch Replication for existing objects + enable delete marker replication**
- ☐ b. **Enable CRR; it automatically backfills existing objects**
- ☐ c. **Enable Same-Region Replication (SRR) with “replicate deletes”**
- ☐ d. **Use Replication Time Control (RTC) to backfill existing data**

Question

3

Complete

Mark 1.00 out of 1.00

EBS Volume: Which type is best for MySQL requiring sub-millisecond latency and high IOPS durability?

Select one:

- ☐ a. **gp3 with default IOPS**
- ☐ b. **st1 (throughput optimized HDD)**
- ☐ c. **sc1 (cold HDD)**
- ☒ d. **io2 (or io2 Block Express) with provisioned IOPS**

Question 4

Complete

Mark 0.00 out of
1.00

NLB vs ALB: You must terminate TLS on targets, support HTTP/2 and WebSockets, and still capture true client IP. Which is correct?

Select one:

- ☐ a. ALB with TLS termination; use X-Forwarded-For for client IP
- ☐ b. CLB in TCP mode; inject X-Client-IP header
- ☒ c. NLB with TLS passthrough; client IP preserved but no Layer-7 features
- ☐ d. NLB UDP listener; add proxy protocol