

Week 3 Quiz 2

LATEST SUBMISSION GRADE

100%

1.Question 1

The purpose of encrypting data when it is in transit between systems and services is to prevent (choose 3 correct answers):

- unauthenticated server and client communication
- eavesdropping
- unauthorized alterations
- unauthorized copying

Correct Answer : **eavesdropping, unauthorized alterations, unauthorized copying**

Correct

1 / 1 point

2.Question 2

Which protocol below is an industry-standard cryptographic protocol used for encrypting data at the transport layer?

- HTTPS
- TLS
- X.509
- IPSec

Correct Answer : **TLS**

Correct

1 / 1 point

3.Question 3

How do you encrypt an existing un-encrypted EBS volume?

- EBS volumes are encrypted at rest by default
- Enable Encryption by Default feature
- Take a snapshot for EBS volume, and create new encrypted volume for this snapshot
- Enable encryption for EC2 instance, which will encrypt the attached EBS volumes

Correct Answer : **Take a snapshot for EBS volume, and create new encrypted volume for this snapshot**

Correct

1 / 1 point

4.Question 4

Can you encrypt just a subset of items in a DynamoDB table?

- Yes
- No

Correct Answer : **No**

Correct

1 / 1 point

5.Question 5

When you enable encryption for RDS DB instance, what would not be encrypted?

- JBDC connection
- Transaction logs

- Automated backups
- Read Replicas
- Snapshots

Correct Answer : **JDBC connection**

Correct

1 / 1 point