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Week 3 Quiz 2

CALIFICACIÓN DEL ÚLTIMO ENVÍO

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

1 / 1 puntos

☐ unauthenticated server and client communication

☑ eavesdropping

> ✓ **Correcto**

☑ unauthorized alterations

> ✓ **Correcto**

☑ unauthorized copying

> ✓ **Correcto**

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

1 / 1 puntos

◯ HTTPS

◉ TLS

◯ X.509

◯ IPSec

> ✓ **Correcto**

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

1 / 1 puntos

◯ 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

> ✓ **Correcto**

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

1 / 1 puntos

◯ Yes

◉ No

> ✓ **Correcto**

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

1 / 1 puntos

◉ JBDC connection

◯ Transaction logs

◯ Automated backups

◯ Read Replicas

◯ Snapshots