✓ **¡Felicitaciones! ¡Aprobaste!**
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1. Which statement is true?

   1 / 1 puntos

   ○ You can only attach 1 elastic network interface (ENI) to each EC2 instance launched in VPC

   ○ By default, each instance that you launch into a nondefault subnet has a public IPv4 address

   ○ To use AWS Private Link, the VPC is required to have a NAT device

   ⦿ Traffics within an Availability Zone, or between Availability Zones in all Regions, are routed over the AWS private global network

   ✓ **Correcto**

2. How many types of VPC Endpoints are available?

   1 / 1 puntos

   ○ Many. Each AWS Service will be supported by 1 type of VPC Endpoints

   ○ Two: Amazon S3 and DynamoDB

   ⦿ Two: Gateway Endpoint and Interface Endpoint

   ○ One: VPC

   ✓ **Correcto**

3. Which of these AWS resources cannot be monitored using VPC Flow logs?

   1 / 1 puntos

   ○ VPC

   ○ A subnet in a VPC

   ○ A network interface attached to EC2

   ⦿ An Internet Gateway attached to VPC

   ✓ **Correcto**

4. Which of the following are monitoring and logging services available on AWS? Select all that apply.

   1 / 1 puntos

   ☑ AWS CloudWatch

   ✓ **Correcto**

   ☐ AWS CloudLogger

   ☐ Amazon Beehive

   ☑ Amazon Config

   ✓ **Correcto**

5. Which of the following sections from Trusted Advisor exists under the Well-Architected Framework as a pillar as well?

   1 / 1 puntos

   ○ Cost Transparency

   ○ Operational Excellence

   ⦿ Security

   ○ Fault Tolerance

   ✓ **Correcto**

6. Which solution below grants AWS Management Console access to an DevOps engineer? **1 / 1 puntos**

○ Enable Single sign-on on AWS accounts by using federation and AWS IAM

○ Create a user for the security engineer in AWS Cognito User Pool

◉ Create IAM user for the engineer and associate relevant IAM managed policies to this IAM user

○ Use AWS Organization to scope down IAM roles and grant the security engineer access to this IAM roles

✓ **Correcto**

7. Which of these services doesn't authenticate users to access AWS resources using existing credentials on their current corporate identity? **1 / 1 puntos**

○ Amazon Cognito

○ AWS SSO

○ IAM

◉ AD Connector

✓ **Correcto**

8. What is the main difference between Cognito User Pool and Cognito Identity Pool? **1 / 1 puntos**

○ User Pool cannot use public identity providers (e.g Facebook, Amazon, ...) while Identity Pool can

◉ Identity Pools provide temporary AWS credentials

○ Only User Pools has feature to enable MFA

○ User Pools support both authenticated and unauthenticated identities

✓ **Correcto**

9. What security mechanism can add an extra layer of protection to your AWS account in addition to a username password combination? **1 / 1 puntos**

○ Transport Layer Protocol or TCP

◉ Mult-factor Authentication or MFA

○ Iris Scan Service or ISS

○ Scure Bee Service or SBS

✓ **Correcto**

10. If a user wanted to read from a DynamoDB table what policy would you attach to their user profile? **1 / 1 puntos**

○ AmazonDynamoDBFullAccess

○ AWSLambdaInvocation-DynamoDB

◉ AmazonDynamoDBReadOnlyAccess

○ AWSLambdaDynamoDBExecutionRole

✓ **Correcto**

11. What are valid MFA or Multi-factor Authentication options available to use on AWS? Select all that apply. **1 / 1 puntos**

☑ Gemalto token

✓ **Correcto**

☐ Blizzard Authenticator

☑ yubiKey

✓ **Correcto**

☑ Google Authenticator

> ✓ **Correcto**

☐ AWS IoT button

12. What requirement must you adhere to in order to deploy an AWS CloudHSM? **1 / 1 puntos**

- ○ Run the HSM in two regions
- ◉ Provision the HSM in a VPC
- ○ Deploy an EBS volume for the HSM
- ○ Call AWS Support first to enable it

> ✓ **Correcto**

13. How much data can you encrypt/decrypt using an Customer Master Key? **1 / 1 puntos**

- ○ Up to 4MB
- ○ Up to 4TB
- ○ Up to 1MB
- ◉ Up to 4KB

> ✓ **Correcto**

14. 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**

15. 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**

16. 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**

17. 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

> ✓ **Correcto**

18. What language does Amazon Athena support?   `1 / 1 puntos`

- ⦿ SQL
- ◯ Java
- ◯ C++
- ◯ dogescript

> ✓ **Correcto**

19. What is the name of the model that shows how security is handled by AWS and it's customers in the AWS Cloud?   `1 / 1 puntos`

- ◯ Cloud Security Model
- ◯ Role Based Model
- ⦿ Shared Responsibility Model
- ◯ AWS Authentication Model

> ✓ **Correcto**

20. What is a customer access endpoint?   `1 / 1 puntos`

- ◯ A customer token
- ◯ A signed code segment
- ⦿ A URL entry point for a web service
- ◯ A websocket for customer connections

> ✓ **Correcto**