

# End of Course Assessment

LATEST SUBMISSION GRADE

100%

## 1.Question 1

- Which statement is true?
- 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**

Correct

1 / 1 point

## 2.Question 2

How many types of VPC Endpoints are available?

- 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

Correct

1 / 1 point

### 3.Question 3

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

- VPC
- A subnet in a VPC
- A network interface attached to EC2
- **An Internet Gateway attached to VPC**

Correct

1 / 1 point

### 4.Question 4

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

- **AWS CloudWatch**
- AWS CloudLogger
- Amazon Beehive
- **Amazon Config**

Correct

1 / 1 point

### 5.Question 5

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

- Cost Transparency
- Operational Excellence
- **Security**

- Fault Tolerance

Correct

1 / 1 point

#### 6.Question 6

- Which solution below grants AWS Management Console access to an DevOps engineer?
- 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

Correct

1 / 1 point

#### 7.Question 7

Which of these services doesn't authenticate users to access AWS resources using existing credentials on their current corporate identity?

- Amazon Cognito
- AWS SSO
- IAM
- **AD Connector**

Correct

1 / 1 point

### 8.Question 8

What is the main difference between Cognito User Pool and Cognito Identity Pool?

- 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

Correct

1 / 1 point

### 9.Question 9

What security mechanism can add an extra layer of protection to your AWS account in addition to a username password combination?

- Transport Layer Protocol or TCP
- **Mult-factor Authentication or MFA**
- Iris Scan Service or ISS
- Secure Bee Service or SBS

Correct

1 / 1 point

### 10.Question 10

If a user wanted to read from a DynamoDB table what policy would you attach to their user profile?

- AmazonDynamoDBFullAccess
- AWSLambdaInvocation-DynamoDB

- **AmazonDynamoDBReadOnlyAccess**
- AWSLambdaDynamoDBExecutionRole

Correct

1 / 1 point

### 11.Question 11

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

- **Gemalto token**
- Blizzard Authenticator
- **yubiKey**
- **Google Authenticator**
- AWS IoT button

1 / 1 point

### 12.Question 12

What requirement must you adhere to in order to deploy an AWS CloudHSM?

- 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

Correct

1 / 1 point

### 13.Question 13

How much data can you encrypt/decrypt using an Customer Master Key?

- Up to 4MB
- Up to 4TB
- Up to 1MB
- **Up to 4KB**

Correct

1 / 1 point

### 14.Question 14

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

1 / 1 point

### 15.Question 15

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

- HTTPS
- **TLS**
- X.509
- IPSec

Correct

1 / 1 point

#### 16.Question 16

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

1 / 1 point

#### 17.Question 17

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

- **JBDC connection**
- Transaction logs
- Automated backups
- Read Replicas
- Snapshots

Correct

1 / 1 point

### 18.Question 18

What language does Amazon Athena support?

- **SQL**
- Java
- C++
- dogescript

Correct

1 / 1 point

### 19.Question 19

What is the name of the model that shows how security is handled by AWS and it's customers in the AWS Cloud?

- Cloud Security Model
- Role Based Model
- **Shared Responsibility Model**
- AWS Authentication Model

Correct

1 / 1 point

### 20.Question 20

What is a customer access endpoint?

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

Correct

1 / 1 point