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| **Started on** | Thursday, 17 July 2025, 12:09 PM |
| **State** | Finished |
| **Completed on** | Thursday, 17 July 2025, 12:11 PM |
| **Time taken** | 1 min 59 secs |
| **Grade** | **100.00** out of 100.00 |

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Question **1**

Correct

Mark 20.00 out of 20.00

Flag question

Question text

When working in the cloud, which of the following layers of OSI model are you mostly working with?

Select one:

a. Network

b. Transport Correct

c. Data Link

d. Physical

Feedback

Your answer is correct.

Rationale: When working in the cloud, you are mostly working with the Transport layer of the OSI model.

The correct answer is: Transport

Question **2**

Correct

Mark 20.00 out of 20.00

Flag question

Question text

Which of the following is true for IP addresses given to EC2 instances in a Public subnet inside a VPC? (Choose Two)

Select one or more:

a. Each EC2 instance is assigned a Private IP Correct

b. Each EC2 instance is assigned a Public IP Correct

c. No EC2 instance is assigned a Public IP

d. No EC2 instance is assigned a Private IP

Feedback

Your answer is correct.

Rationale: In a Public subnet inside a VPC, each EC2 instance is assigned a Public IP, as well as a Private IP.

The correct answers are: Each EC2 instance is assigned a Private IP, Each EC2 instance is assigned a Public IP

Question **3**

Correct

Mark 20.00 out of 20.00

Flag question

Question text

Which of the following are true in context of the routes listed in the routing table of a Private subnet? (Choose Two)

Select one or more:

a. Direct route to the Internet Gateway (IG) must be listed

b. Direct route to the Network Address Translation (NAT) gateway must be listed Correct

c. Direct route to the Network Address Translation (NAT) gateway must not be listed

d. Direct route to the Internet Gateway (IG) must not be listed Correct

Feedback

Your answer is correct.

Rationale: Of the listed options, the routing table of a Private subnet must list the direct route to the Network Address Translation (NAT) gateway and must not list the direct route to the Internet Gateway (IG).

The correct answers are: Direct route to the Network Address Translation (NAT) gateway must be listed, Direct route to the Internet Gateway (IG) must not be listed

Question **4**

Correct

Mark 20.00 out of 20.00

Flag question

Question text

Which of the following is true in context of the Gateway endpoint configuration for AWS services?

Select one:

a. They are designed for DynamoDB services

b. They use the IP-based routing

c. They are designed for S3 services

d. They can be positioned inside the VPC

e. All of the above Correct

Feedback

Your answer is correct.

Rationale: Of the listed options, the Gateway endpoint configuration for AWS services is designed primarily for the S3 and the DynamoDB services, uses IP-based routing, and can be positioned inside the VPC.

The correct answer is: All of the above

Question **5**

Correct

Mark 20.00 out of 20.00

Flag question

Question text

Which of the following gateways is public by default, can be a single point of failure in an availability zone (AZ), is not accessible through peering, and is the most expensive to move data between instances in AWS?

Select one:

a. VPN Gateway

b. Internet Gateway (IG)

c. Transit Gateway

d. Network Address Translation (NAT) Gateway Correct

Feedback

Your answer is correct.

Rationale: Of the listed gateways, the Network Address Translation (NAT) gateway is public by default, can be a single point of failure in an availability zone (AZ), is not accessible through peering, and is the most expensive to move data between instances in AWS.

The correct answer is: Network Address Translation (NAT) Gateway

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