

Amazon

Exam Questions AWS-Certified-Advanced-Networking-Specialty

Amazon AWS Certified Advanced Networking - Specialty



NEW QUESTION 1

Considering your knowledge of both the OSI and TCP/IP models - select the following statement which you consider to NOT be true.

- A. The TCP/IP Application layer maps to 2 of the OSI Layers
- B. The top layer in the OSI model is named the Application layer
- C. The TCP/IP Application layer maps to 3 of the OSI Layers
- D. The top layer in the TCP/IP model is named the Application layer

Answer: A

Explanation:

Reference:
https://en.wikipedia.org/wiki/OSI_model

NEW QUESTION 2

You have just provisioned a new VPC with a CIDR block of 172.16.12.0/24. The entire CIDR block is fully utilised by subdividing it into 6 subnets, we will refer to these as Subnet1 through to Subnet6.

The first 2 subnets (Subnet1 and Subnet2) are the same size. The last 4 subnets (Subnet3, Subnet4, Subnet5, Subnet6) are also the same size. Subnet5 is half the size of Subnet2. The address space occupied by the first two subnets is contiguous, as is the address space occupied by the last 4 subnets. Within Subnet3 AWS reserves the address 172.16.12.129 for the VPC router. Select the correct IP address reserved by AWS for DNS in the Subnet2.

- A. 172.16.64.1
- B. 172.16.64.65
- C. 172.16.12.66
- D. 172.16.12.64

Answer: C

Explanation:

Reference:
http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC_Subnets.html

NEW QUESTION 3

Select the answer/s that correctly state how Jumbo Frames work

- A. Jumbo Frames assist with application disk storage
- B. Jumbo Frames can assist with application performance
- C. Jumbo Frames are supported across Virtual Private Gateway connections
- D. Jumbo Frames are enabled by increasing the MTU size to 9000 kilobytes

Answer: B

Explanation:

Reference:
http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/network_mtu.html

NEW QUESTION 4

You are your company's AWS cloud architect. You have created a VPC topology that consists of 3 VPCs. You have a centralised VPC (VPC-Shared) that provides shared services to the remaining 2 departmental dedicated VPCs (VPC-Dept1 and VPC-Dept2). The centralised VPC is VPC peered to both of the departmental VPCs, that is a VPC peering connection exists between VPC-Shared and VPC-Dept1, and a VPC peering connection exists between VPC-Shared and VPC-Dept2. Select the correct option from the list below.

- A. Network traffic is possible between VPC-Shared instances and VPC-Dept1 and VPC-Dept2 instances as long as the appropriate routes and security groups are in place, but only for communication that is initiated from VPC1-Shared instances as the default peering bi-directional communication flag has been disabled.
- B. Instances within VPC-Dept1 can communicate directly with instances in VPC-Shared, as long as the appropriate routes and security groups are in place, and vice versa regardless of who initiates communication
- C. All network communication remains blocked between all VPCs until the respective peering bidirectional communication flags are set to the appropriate setting that allows traffic to flow.
- D. Network traffic is possible between VPC-Shared instances and VPC-Dept1 and VPC-Dept2 instances as long as the appropriate routes and security groups are in place, but only for communication that is initiated from VPC1-Shared instances as the default peering bi-directional communication flag has been enabled.

Answer: B

Explanation:

Reference:
<http://docs.aws.amazon.com/AmazonVPC/latest/PeeringGuide/peering-configurations-partialaccess.html#one-to-two-vpcs-instances>

NEW QUESTION 5

The IPsec protocol suite is made up of various components covering aspects such as confidentiality, encryption, and integrity. Select the correct statement below regarding the correct configuration options for ensure IPsec confidentiality:

- A. The following protocols may be used to configure IPsec confidentiality, DES, 3DES, MD5
- B. The following protocols may be used to configure IPsec confidentiality, DES, 3DES, AES
- C. The following protocols may be used to configure IPsec confidentiality, PSK, RSA
- D. The following protocols may be used to configure IPsec confidentiality, PSK, MD5
- E. The following protocols may be used to configure IPsec confidentiality, PSK, RSA

Answer: B

Explanation:

Reference:
<https://en.wikipedia.org/wiki/IPsec>

NEW QUESTION 6

To connect to public AWS products such as Amazon EC2 and Amazon S3 through the AWS Direct Link, which step is NOT required?

- A. Provide public IP address (/31) for each Border Gateway Protocol (BGP) session.
- B. Allocate a Private IP address to your network in 172.x.x.x range.
- C. Provide the public routes that you will advertise over Border Gateway Protocol (BGP).
- D. Provide a public Autonomous System Number (ASN) that you own or a private one to identify your network on the Internet.

Answer: B

Explanation:

Reference:
<http://docs.aws.amazon.com/directconnect/latest/UserGuide/Welcome.html>

NEW QUESTION 7

Over which of the following Ethernet standards does AWS Direct Connect link your internal network to an AWS Direct Connect location?

- A. Copper backplane cable
- B. Twisted pair cable
- C. Single mode fiber-optic cable
- D. Shielded balanced copper cable

Answer: C

Explanation:

Reference:
<http://docs.aws.amazon.com/directconnect/latest/UserGuide/Welcome.html>

NEW QUESTION 8

In AWS Direct Connect, which of the following is true of configuring your router to connect to the AWS Direct Connect router?

- A. After creating a virtual interface for your AWS Direct Connect connection, you can download the router configuration file from the available link
- B. After Completing the Cross Connect step, the download link for router configuration will be available
- C. After submitting your AWS Direct Connect connection request, you will receive the router configuration details by email within 72 hours
- D. In Create a Virtual Interface step, the general configuration of your router would be available for downloading.

Answer: A

Explanation:

Reference:
<http://docs.aws.amazon.com/directconnect/latest/UserGuide/getstarted.html#routerconfig>

NEW QUESTION 9

Does Amazon VPC support multicast or broadcast?

- A. Yes, both.
- B. It doesn't support any of them.
- C. Multicast yes, Broadcast no.
- D. Both, but only outside Amazon VP

Answer: B

Explanation:

Reference:
<https://aws.amazon.com/vpc/faqs/>

NEW QUESTION 10

In Amazon CloudFront, if you need to quickly remove objects from a distribution, you can:

- A. delete the objects from cache.
- B. invalidate the objects.
- C. remove your Amazon S3 bucket.
- D. delete your distribution and recreate i

Answer: B

Explanation:

Reference:
<http://docs.aws.amazon.com/AmazonCloudFront/latest/DeveloperGuide/AddRemoveReplaceObjects.html>

NEW QUESTION 10

Which of the following types of contents cannot serve over HTTP or HTTPS in Amazon CloudFront?

- A. Apple HTTP Live Streaming
- B. Static and dynamic download content
- C. Adobe Flash multimedia content
- D. CloudFront RTMP distribution

Answer: C

Explanation:

Reference:
<http://docs.aws.amazon.com/AmazonCloudFront/latest/DeveloperGuide/distribution-overview.html>

NEW QUESTION 11

Use _____ to get more visibility into the health of your AWS Elastic Beanstalk application and take appropriate actions in case of hardware failure or performance degradation.

- A. Amazon Elastic Beanstalk command line
- B. Amazon EC2 log files
- C. Amazon CloudWatch
- D. Amazon Load balancing

Answer: C

Explanation:

Reference:
<http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/concepts.concepts.design.html>

NEW QUESTION 15

What service is used to store the log files generated by CloudTrail?

- A. EC2
- B. EBS
- C. S3
- D. VPC

Answer: C

Explanation:

Reference: <https://aws.amazon.com/cloudtrail/>

NEW QUESTION 18

In AWS, which tool records API calls for a specific AWS account and also delivers the log files for that account?

- A. CloudTrail
- B. Redshift
- C. Beanstalk
- D. Cognito

Answer: A

Explanation:

Reference:
<https://aws.amazon.com/cloudtrail/>

NEW QUESTION 23

Which endpoint is considered to be best practise when analysing data within a Configuration Stream of AWS Config?

- A. SNS
- B. E-Mail
- C. SQS
- D. Kinesis

Answer: C

Explanation:

Reference:
<http://docs.aws.amazon.com/config/latest/developerguide/monitor-resource-changes.html>

NEW QUESTION 27

When an AWS Config rule is triggered a JSON object known as an AWS Config Event is created. This object contains a(n) _____ attribute, which is a JSON-formatted set of key/value pairs the receiving AWS Lambda function processes as part of its evaluation logic.

- A. inputParameters
- B. invokingEvent
- C. ruleConfiguration

D. mappingTemplate

Answer: A

Explanation:

Reference:

http://docs.aws.amazon.com/config/latest/developerguide/evaluate-config_developrules_example-events.html

NEW QUESTION 30

Which AWS service is used within an AWS Config Rule to perform the logic evaluation of that rule?

- A. Inspector
- B. WAF
- C. Lambda
- D. SWF

Answer: C

Explanation:

Reference:

http://docs.aws.amazon.com/config/latest/developerguide/evaluate-config_develop-rules_nodejssample.html

NEW QUESTION 32

A user is having data generated randomly based on a certain event. The user wants to upload that data to CloudWatch. It may happen that event may not have data generated for some period due to randomness. Which of the below mentioned options is a recommended option for this case?

- A. For the period when there is no data, the user should not send the data at all
- B. The user must upload the data to CloudWatch as having no data for some period will cause an error at CloudWatch monitoring
- C. For the period when there is no data the user should send the value as 0
- D. For the period when there is no data the user should send a blank value

Answer: C

Explanation:

Reference:

<http://docs.aws.amazon.com/AmazonCloudWatch/latest/DeveloperGuide/publishingMetrics.html>

NEW QUESTION 35

A user is trying to send custom metrics to CloudWatch using the PutMetricData APIs. Which of the below mentioned points should the user needs to take care while sending the data to CloudWatch?

- A. The size of a request is limited to 128KB for HTTP GET requests and 64KB for HTTP POST requests
- B. The size of a request is limited to 40KB for HTTP GET requests and 8KB for HTTP POST requests
- C. The size of a request is limited to 16KB for HTTP GET requests and 80KB for HTTP POST requests
- D. The size of a request is limited to 8KB for HTTP GET requests and 40KB for HTTP POST requests

Answer: D

Explanation:

Reference:

http://docs.aws.amazon.com/AmazonCloudWatch/latest/DeveloperGuide/cloudwatch_concepts.html

NEW QUESTION 40

An AWS account owner has setup multiple IAM users. One of these IAM users, named John, has CloudWatch access, but no access to EC2 services. John has setup an alarm action which stops EC2 instances when their CPU utilization is below the threshold limit. When an EC2 instance's CPU Utilization rate drops below the threshold John has set, what will happen and why?

- A. Nothing will happen
- B. John cannot set an alarm on EC2 since he does not have the permission.
- C. CloudWatch will stop the instance when the action is executed
- D. Nothing will happen because it is not possible to stop the instance using the CloudWatch alarm
- E. Nothing will happen
- F. John can setup the action, but it will not be executed because he does not have EC2 access through IAM policies.

Answer: D

Explanation:

Reference:

<http://docs.aws.amazon.com/AmazonCloudWatch/latest/DeveloperGuide/UsingAlarmActions.html>

NEW QUESTION 43

A user is running a batch process on EBS backed EC2 instances. The batch process launches few EC2 instances to process hadoop Map reduce jobs which can run between 50 – 600 minutes or sometimes for even more time. The user wants a configuration that can terminate the instance only when the process is completed. How can the user configure this with CloudWatch?

- A. Configure a job which terminates all instances after 600 minutes

- B. It is not possible to terminate instances automatically
- C. Set up the CloudWatch with Auto Scaling to terminate all the instances
- D. Configure the CloudWatch action to terminate the instance when the CPU utilization falls below 5%

Answer: D

Explanation:

Reference:
<http://docs.aws.amazon.com/AmazonCloudWatch/latest/DeveloperGuide/UsingAlarmActions.html>

NEW QUESTION 48

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