



Amazon-Web-Services

Exam Questions ANS-C00

AWS Certified Advanced Networking Specialty Exam

NEW QUESTION 1

From the following options, select the answer that correctly describes the implementation of the HTTP protocol

- A. By definition, HTTP is a connection-less oriented protocol and therefore utilises TCP
- B. By definition, HTTP is a connection orientated protocol and therefore utilises TCP
- C. By definition, HTTP is a connection-less oriented protocol and therefore utilises UDP
- D. By definition, HTTP can be configured to be either connection or connection-less oriented - by specifying the appropriate HTTP header.

Answer: B

Explanation:

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

NEW QUESTION 2

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 3

You are the AWS cloud architect and have been tasked with designing an appropriate subnetting design for your production VPC. Your production VPC requires secure communications back to the corporate private network. Quality of Service (QoS) is very important 24x7 for this particular connection, as real-time data is passed continually backwards and forwards between your on-prem bioinformatics enterprise application, and the number crunching servers deployed in the cloud. Any potential latency incurred on this connection will have a direct impact on the company's ability to attract investors and expansion into new markets. Select the correct network configuration that best facilitates your company's continued growth plans.

- A. Provision a Direct Connect connection - between your service provider's data center and the AWS region that your cloud compute resources exist in . Configure just a Private VirtualInterface
- B. As this is a Direct Connection, a Virtual Private Gateway is not required
- C. Configure a site-to-site layer 2 software router using OpenVPN within your VPC and ensure that QoS enabled - this is a secure and cheap option
- D. Configure a site-to-site layer 3 software router using OpenVPN within your VPC and ensure that QoS enabled - this is a secure and cheap option
- E. Provision a Direct Connect connection - between your existing service provider's data center and the AWS region that your cloud compute resources exist i
- F. Configure a Virtual Private Gateway and Private Virtual Interface

Answer: D

Explanation:

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

NEW QUESTION 4

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 5

Which of the following statements does not describe Jumbo Frames in an AWS VPC environment?

- A. For instances that are collocated inside a placement group, jumbo frames help to achieve the maximum network throughput possible
- B. Jumbo Frames are not supported for traffic that exits the Virtual Private Gateway
- C. Jumbo Frames are not supported for traffic that exits the Internet Gateway
- D. T2.micro instances do not support Jumbo Frames

Answer: D

Explanation:

Reference:

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

NEW QUESTION 6

Considering the rules of IPv4 subnetting, how many subnets and hosts per subnet are possible given the following network 192.168.130.130/28? (in this question ignore the fact that AWS reserves 5 IP addresses)

- A. 8 subnets and 30 hosts per subnet
- B. 16 subnets and 14 hosts per subnet
- C. 32 subnets and 30 hosts per subnet
- D. 8 subnets and 14 hosts per subnet

Answer: B

Explanation:

Reference:

https://en.wikipedia.org/wiki/IPv4_subnetting_reference

NEW QUESTION 7

An unfortunate situation has just come to your attention. A business critical application with sensitive data running on-prem will run out of storage disk space in 24hrs. This business critical application is dependent a very large set of routes - required for integration with other system. You make a quick but well informed decision to migrate this application quickly to AWS. You are able to quickly launch a new VPC and within it equivalent infrastructure to re-home the application. In order to complete the replication of application data and ensure the application remains operational beyond the next 24hrs, select the best implementation.

- A. Within the new VPC - establish a Direct Connect connection with max 10Gbps port speed for data replicatio
- B. Establish a 802.1Q VLAN and configure a Virtual Private Gateway and Private Virtual Interface, and ensure Jumbo Frames is enabled.
- C. Within the new VPC - deploy a Virtual Private Gateway, Customer Gateway, and establish a new IPsec VPN Connection with BGP dynamic routing
- D. Within the new VPC - deploy a Virtual Private Gateway, Customer Gateway, and establish a new IPsec VPN Connection with static routing, and ensure Jumbo Frames is enabled.
- E. Within the new VPC - deploy a software based virtual router (for example a Cisco CSR). Configure with dual ENIs (external and internal), create and attach an EIP to the external ENI, Configure and setup IPsec VPN tunnels, and ensure Jumbo Frames is enabled.

Answer: B

Explanation:

Reference:

<http://docs.aws.amazon.com/AmazonVPC/latest/NetworkAdminGuide/GenericConfig.html>

NEW QUESTION 8

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 9

True or false: A VPC contains multiple subnets, where each subnet can span multiple Availability Zones.

- A. This is true only for US regions.
- B. This is false.
- C. This is true.
- D. This is true only if requested during the set-up of VP

Answer: B

Explanation:

Reference:

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

NEW QUESTION 10

Which of the following physical layer standards is required for connection to AWS Direct Connect over a standard 1 gigabit or 10 gigabit Ethernet fiber-optic cable?

- A. Single mode fiber, 1000BASE-LX for 1 gigabit Ethernet, or 10GBASE-ER for 10 gigabit Ethernet
- B. Multi mode fiber, 1000BASE-LX for 1 gigabit Ethernet, or 10GBASE-ER for 10 gigabit Ethernet
- C. Single mode fiber, 1000BASE-LX for 1 gigabit Ethernet, or 10GBASE-LR for 10 gigabit Ethernet
- D. Multi mode fiber, 1000BASE-SX for 1 gigabit Ethernet, or 10GBASE-SR for 10 gigabit Ethernet

Answer: C

Explanation:

Reference:

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

NEW QUESTION 10

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 12

In AWS Direct Connect, to provide for failover, AWS recommends that you request and configure two dedicated connections to AWS. These connections can terminate on one or two routers in your network. You can do this while _____ with AWS Direct Connect step.

- A. creating a Virtual Interface
- B. configuring redundant connections
- C. completing the cross-connect
- D. verifying your Virtual Interface

Answer: B

Explanation:

Reference:

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

NEW QUESTION 16

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 VPC

Answer: B

Explanation:

Reference:

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

NEW QUESTION 19

By default, all AWS accounts are limited to EIPs, because public (IPv4) Internet addresses are a scarce public resource.

- A. 5
- B. 8
- C. 6
- D. 2

Answer: A

Explanation:

Reference:

<http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/elastic-ip-addresses-eip.html>

NEW QUESTION 22

A user has created a VPC with CIDR 20.0.0.0/16 with only a private subnet and VPN connection using the VPC wizard. The user wants to connect to the instance in a private subnet over SSH. How should the user define the security rule for SSH?

- A. The user can connect to a instance in a private subnet using the NAT instance
- B. The user has to create an instance in EC2 Classic with an elastic IP and configure the security group of a private subnet to allow SSH from that elastic IP
- C. Allow Inbound traffic on port 22 from the user's network
- D. Allow Inbound traffic on port 80 and 22 to allow the user to connect to a private subnet over the internet

Answer: C

Explanation:

Reference:

http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC_Scenario4.html

NEW QUESTION 27

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 it

Answer: B

Explanation:

Reference:

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

NEW QUESTION 30

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 31

In Amazon CloudFront, you cannot configure CloudFront to process cookies for ____.

- A. HTTPS web distributions
- B. Web and RTMP distributions
- C. RTMP distributions
- D. HTTP web distributions

Answer: C

Explanation:

Reference:

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

NEW QUESTION 32

For ____ distributions, CloudFront does not cache cookies in edge caches.

- A. AMI
- B. Web
- C. RTMP
- D. Web and RTMP

Answer: C

Explanation:

Reference:

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

NEW QUESTION 35

What is the maximum size of a response body that Amazon CloudFront will return to the viewer?

- A. Unlimited
- B. 5 GB
- C. 100 MB
- D. 20 GB

Answer: D

Explanation:

Reference:

<http://docs.aws.amazon.com/AmazonCloudFront/latest/DeveloperGuide/RequestAndResponseBehaviorS3Origin.html#ResponseBehaviorS3Origin>

NEW QUESTION 40

In Amazon CloudFront, which of the following is true of Smooth Streaming?

- A. It is a Microsoft format for streaming of media files.
- B. It is a CloudFront format for streaming of media files in RTMP distribution.
- C. It is the Adobe format for streaming of media files.
- D. It is a CloudFront format for streaming of media files in web distribution

Answer: A

Explanation:

Reference:
<http://docs.aws.amazon.com/AmazonCloudFront/latest/DeveloperGuide/on-demand-streamingsmooth.html>

NEW QUESTION 43

In the context of Amazon CloudFront Actions, you use the _____ when specifying APIs in IAM policies.

- A. object names
- B. class names
- C. entity names
- D. action names

Answer: D

Explanation:

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

NEW QUESTION 48

In Amazon CloudFront, to link to your objects, if your domain name is d111111abcdef8.cloudfront.net and your object is image.jpg, then the URL for the link in your webpage will be _____.

- A. <http://d111111abcdef8.cloudfront.net/images/image.jpg>
- B. <http://d111111abcdef8.dns/images/image.jpg>
- C. <http://d111111abcdef8.dns/image.jpg>
- D. <http://d111111abcdef8.cloudfront.net/image.jpg>

Answer: D

Explanation:

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

NEW QUESTION 49

Which service is used by default to store the CloudTrail log files?

- A. Elastic Block Store (EBS)
- B. Redshift
- C. Simple Storage Service (S3)
- D. Glacier

Answer: C

Explanation:

Reference:
<http://docs.aws.amazon.com/awscloudtrail/latest/userguide/cloudtrail-working-with-log-files.html>

NEW QUESTION 53

With AWS CloudTrail, creating multiple trails in one region allows _____ to focus on one aspect of AWS operation.

- A. callers
- B. events
- C. buckets
- D. stakeholders

Answer: D

Explanation:

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

NEW QUESTION 56

To directly manage your CloudTrail security layer, you can use _____ for your CloudTrail log files.

- A. SSE-S3
- B. SCE-KMS
- C. SCE-S3
- D. SSE-KMS

Answer: D

Explanation:

Reference:
<http://docs.aws.amazon.com/awscloudtrail/latest/userguide/encrypting-cloudtrail-log-files-withaws-kms.html>

NEW QUESTION 59

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 63

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 68

Which CloudWatch attributes are used for the statistics generation?

- A. All the options are used
- B. Dimension
- C. Data point unit
- D. NameSpace

Answer: A

Explanation:

Reference:
http://docs.aws.amazon.com/AmazonCloudWatch/latest/APIReference/API_MetricDatum.html

NEW QUESTION 73

AWS CloudTrail can be configured to _____ log files across multiple accounts and regions so that log files are delivered to a single bucket.

- A. aggregate
- B. disperse
- C. replicate
- D. encrypt

Answer: A

Explanation:

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

NEW QUESTION 78

Which of the following services is used to send an alert from CloudWatch?

- A. AWS SNS
- B. AWS EBS
- C. AWS SES
- D. AWS SQS

Answer: A

Explanation:

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

NEW QUESTION 81

What does the term "statistics" mean with respect to CloudWatch metrics?

- A. Time of a metric collection
- B. Data aggregation over a specific period of time
- C. Status of a metric
- D. Unit of a metric

Answer: B

Explanation:

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

NEW QUESTION 82

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 83

When an AWS Config rule is triggered a JSON object known as an AWS Config Event is created. This object contains another JSON string in its _____ parameter, which describes the event that triggered the rule.

- A. resultToken
- B. eventLeftScope
- C. invokingEvent
- D. configRuleName

Answer: C

Explanation:

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

NEW QUESTION 87

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 91

You can use the _____ page of the AWS Config console to look up resources that AWS Config has discovered, including deleted resources and resources that are not currently being recorded.

- A. snapshot listing
- B. configuration history
- C. resource inventory
- D. resource database

Answer: C

Explanation:

Reference:
<http://docs.aws.amazon.com/config/latest/developerguide/looking-up-discovered-resources.html>

NEW QUESTION 95

An AWS Config rule can be set to be evaluated if a certain set of resources undergoes a configuration change. The set of resources to which the rule applies can be restricted by the rule's _____, which can include a combination of a resource type and a resource ID, for example.

- A. trigger
- B. domain
- C. manifest
- D. scope

Answer: D

Explanation:

Reference:

<http://docs.aws.amazon.com/config/latest/developerguide/evaluate-config-rules.html>

NEW QUESTION 96

Which other AWS service is used to track 'Related Events' within the Configuration Item?

- A. AWS WAF
- B. SQS
- C. AWS CloudTrail
- D. S3

Answer: C

Explanation:

Reference:

<http://docs.aws.amazon.com/config/latest/developerguide/resource-config-reference.html#configitem-table>

NEW QUESTION 99

Non-compliant resources identified through the use of AWS Config Rules are automatically removed from operational service.

- A. It depends on the Rule configuration
- B. Only if it remains non-compliant for more than 6 hours
- C. True
- D. False

Answer: D

Explanation:

Reference:

http://docs.aws.amazon.com/config/latest/developerguide/evaluate-config_view-compliance.html

NEW QUESTION 104

AWS Config flags a resource as _____ if a resource violates any conditions of an AWS Config rule that it evaluates on the resource in question.

- A. corrupted
- B. noncompliant
- C. invalid
- D. misconfigured

Answer: B

Explanation:

Reference:

<http://docs.aws.amazon.com/config/latest/developerguide/evaluate-config.html>

NEW QUESTION 106

Each custom AWS Config rule you create must be associated with a(n) AWS _____, which contains the logic that evaluates whether your AWS resources comply with the rule.

- A. Lambda function
- B. Configuration trigger
- C. EC2 instance
- D. S3 bucket

Answer: A

Explanation:

Reference:

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

NEW QUESTION 109

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 111

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 116

You have many IAM users with the ability to create EC2 volumes. Most of the data your team works with is sensitive, so you would like to make sure all volumes are encrypted. How might you facilitate this requirement?

- A. Create an AWS KMS policy and attach it to all IAM users that can create EC2 volumes
- B. Use AWS Config and create a rule that requires all volumes, upon creation, be encrypted.
- C. Use AWS Config to send out reminders to IAM users every time they create an EC2 volume.
- D. Set EC2 to notify creators to encrypt their EC2 volume

Answer: B

Explanation:

Reference:

<http://docs.aws.amazon.com/config/latest/developerguide/evaluate-config.html>

NEW QUESTION 121

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