Exam Questions AWS-Certified-Advanced-Networking-Specialty

Amazon AWS Certified Advanced Networking - Specialty

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NEW QUESTION 1
Select the VPC Peering statement below that is NOT true

A. VPC peering supports transitive peering relationships for IPv6 traffic but not IPv4
B. VPC peering can be performed between VPCs in different AWS accounts in the same region
C. TCP connections can be performed between peered VPCs
D. UDP connections can be performed between peered VPCs

Answer: A

Explanation:
 Reference:
http://docs.aws.amazon.com/AmazonVPC/latest/PeeringGuide/vpc-peering-basics.html#vpcpeering- limitations

NEW QUESTION 2
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 3
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 4
Convert the following IPv4 address in presented in binary form, into dotted decimal form 10101100.01111011.00001101.10011101

A. 172.123.13.157
B. 173.13.13.157
C. 172.122.13.15
D. 172.124.13.57

Answer: A

Explanation:
 Reference:
https://en.wikipedia.org/wiki/IPv4

NEW QUESTION 5
You have been tasked with migrating your company's proprietary massively large dataset sorting application to AWS. The application currently runs on 4 highly spec'd servers that are in a cluster arrangement and runs 24x7, with the average CPU utilisation across any 24hr period being approx 85% - the migration of this cluster once up and running on AWS is expected to run similarly. The servers shuffle data internally and between themselves. Your company's financial performance is entirely dependent on the speed at which it can sort your customers datasets, that is the faster a sorted result can be returned the better your company's bottom line. Of the choices presented below, select the optimal network configuration that will ensure the best financial results for your company.

A. Disable Jumbo Frames to ensure better data throughput between instances
B. Enable Jumbo Frames to ensure better data throughput between instances
C. Create an autoscaled group of c4.8xlarge instances - with min 1 and max 4 - this will ensure your operational costs a minimal
D. Configure a CloudWatch Alarm to add more CPUs to the instances when average cluster CPU utilisation breaches 85%

Answer: B

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

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
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 8
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#RedundantConnectio ns

NEW QUESTION 9
Imagine you are using AWS Direct Connect with just one connection from your router to the AWS Direct Connect router. If your connection becomes unavailable, the communication with AWS cloud is lost. What is the best method to prevent this from happening?

A. AWS Direct Connect neither provides BGP nor provides the failover.
B. AWS Direct Connect recommends to have the same configuration set up in a multi AZ zone to prevent such loss in connections.
C. AWS Direct Connect recommends that you request and configure two dedicated connections to AWS either using BGP Multipath (Active/Active) connection or the failover (Active/Passive) connection.
D. AWS Direct connect does not have a provision to prevent the situation but when you design the system, it is recommended to request a back-up instance to which the traffic can be re-routed.

Answer: C

Explanation:
Reference:
http://docs.aws.amazon.com/directconnect/latest/UserGuide/getstarted.html#RedundantConnectio ns

NEW QUESTION 10
After setting an AWS Direct Connect, which of the following cannot be done with an AWS Direct Connect Virtual Interface?

A. You can delete a virtual interface; if its connection has no other virtual interfaces, you can delete the connection.
B. You can change the region of your virtual interface.
C. You can create a hosted virtual interface.
D. You can exchange traffic between the two ports in the same region connecting to different Virtual Private Gateways (VGWs) if you have more than one virtual interface.

Answer: D

Explanation:
Reference:
http://docs.aws.amazon.com/directconnect/latest/UserGuide/WorkingWithVirtualInterfaces.html

NEW QUESTION 10
With respect to Amazon CloudFront, which one of the following statements is correct?

A. For HTTPS web distributions, you cannot forward cookies to your origin.
B. For both HTTP and HTTPS web distributions, you can choose to forward cookies to your origin.
C. For HTTP web distributions, you cannot forward cookies to your origin.
D. For Real Time Messaging Protocol (RTMP) distributions, you can configure CloudFront to process cookies.

Answer: B

Explanation:
Reference:
http://docs.aws.amazon.com/AmazonCloudFront/latest/DeveloperGuide/Cookies.html

NEW QUESTION 14
For web distributions in Amazon CloudFront, your origin can be either an Amazon S3 bucket or _____ .

A. a DNS server
B. a proxy server
C. an FTP server
D. an HTTP server

Answer: D

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

NEW QUESTION 15
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 distributio

Answer: A

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

NEW QUESTION 17
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 22
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 26
In AWS, which service provides a reliable and inexpensive way to backup and archive CloudTrail log files?

A. Amazon Archiver
B. Amazon Glacier
C. AWS Storage Gateway
D. Amazon Elastic Block Store

Answer: B

Explanation:
 Reference:
https://aws.amazon.com/cloudtrail/faqs/

NEW QUESTION 27
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 29
An AWS CloudTrail log file provides the identity and source IP address of the API caller, and a time of the API call, request parameters, and _____ .

A. response elements
B. event selectors
C. port alarms
D. destination buckets

Answer: A

Explanation:
 Reference:
https://aws.amazon.com/cloudtrail/

NEW QUESTION 31
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.ht ml#Statistic

NEW QUESTION 32
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 35
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 39
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 40
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 45
Which element of AWS Config can be used to help maintain internal and external compliance controls?

A. Configuration Item
B. Configuration Recorder
C. Configuration Streams
D. Config Rules

Answer: D

Explanation:
 Reference:
https://aws.amazon.com/config/

NEW QUESTION 46
A user is collecting 1000 records per second. The user wants to send the data to CloudWatch using a custom namespace, Which of the below mentioned options is recommended for this activity?

A. Aggregate the data with statistics, such as Min, max, Average, Sum and Sample data and send the data to CloudWatch
B. Send all the data values to CloudWatch in a single command by separating them with a comm
C. CloudWatch will parse automatically
D. It is not possible to send all the data in one cal
E. Thus, it should be sent one by on
F. CloudWatch will aggregate the data automatically
G. Create one csv file of all the data and send a single file to CloudWatch

Answer: A

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

NEW QUESTION 50
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 54

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.ht ml

NEW QUESTION 57

You would like to ensure that all Amazon S3 buckets going forward, current and newly created ones, have logging enabled. What type of trigger(s) should you use?

A. only a periodic trigger
B. only a configuration change trigger
C. both configuration change and periodic triggers
D. only a transitioning trigger

Answer: B

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

NEW QUESTION 60

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 65
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