

Amazon

Exam Questions AWS-Certified-Advanced-Networking-Specialty

Amazon AWS Certified Advanced Networking - Specialty



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

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

In your current role as the corporate network architect - you have decided to replace your existing hardware firewall appliances with a pair of Juniper SRX-Series Services Gateways. You have chosen these as AWS lists these as supportable devices for establishing IPsec connections. With this in mind, select the minimum set of options to ensure that you can establish IPsec connectivity between your on premise private corporate network and your AWS hosted VPC. Select which option is NOT required

- A. Initiate network connections from somewhere within your corporate network, this is required to bring the tunnels UP
- B. Deploy a Customer Gateway within your corporate network
- C. Deploy a Customer Gateway within your VPC
- D. Deploy a Virtual Private Gateway within your VPC

Answer: B

Explanation:

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

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

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 7

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 8

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 9

Which statement is NOT true about accessing remote AWS region in the US by your AWS Direct Connect which is located in the US?

- A. To connect to a VPC in a remote region, you can use a virtual private network (VPN) connection over your public virtual interface.
- B. To access public resources in a remote region, you must set up a public virtual interface and establish a border gateway protocol (BGP) session.
- C. If you have a public virtual interface and established a BGP session to it, your router learns the routes of the other AWS regions in the US.
- D. Any data transfer out of a remote region is billed at the location of your AWS Direct Connect data transfer rate.

Answer: D

Explanation:

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

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

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#RedundantConnections>

NEW QUESTION 15

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 18

In the "start using the AWS Direct Connect steps," when can you complete the Cross Connect step?

- A. After verifying your virtual interface
- B. After you have received your Letter of Authorization and Connecting Facility Assignment (LOA-CFA) from AWS
- C. 72 hours after submitting your request for AWS Direct Connect Connection
- D. Immediately after submitting your request for AWS Direct Connect Connection

Answer: B

Explanation:

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

NEW QUESTION 22

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 25

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 27

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 29

In the context of Amazon CloudFront, when you configure the media player, the path you specify to the media file must contain the characters _____ .

- A. flv/std just before the domain name
- B. flv/std immediately after the domain name
- C. cfx/st just before the domain name
- D. cfx/st immediately after the domain name

Answer: D

Explanation:

Reference:

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

NEW QUESTION 33

Which of the following is true when you don't configure Amazon CloudFront to forward cookies to your origin?

- A. CloudFront removes the Cookie header from requests that it forwards to your origin.
- B. CloudFront disables viewer requests to your origin, including all cookies.
- C. CloudFront caches your objects based on cookie values.
- D. CloudFront automates code deployments to any instance.

Answer: A

Explanation:

Reference:

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

NEW QUESTION 38

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 39

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 44

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 47

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 50

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 51

To determine whether a log file was modified, deleted, or unchanged after CloudTrail delivered it, you can use _____.

- A. trusted signers
- B. optimistic locking
- C. integrity validation
- D. root credentialing

Answer: C

Explanation:

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

NEW QUESTION 55

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 56

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 59

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 61

You can use the _____ command of the AWS Config service CLI to see the compliance state for each AWS resource of a specific type.

- A. describe-compliance-by-resource
- B. get-compliance-details-by-config-rule
- C. describe-compliance-by-config-rule
- D. get-compliance-details-by-config-rule

Answer: A

Explanation:

Reference:

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

NEW QUESTION 65

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 68

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 73

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 74

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 79

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 82

A user is trying to understand the detailed CloudWatch monitoring concept. Which of the below mentioned services does not provide detailed monitoring with CloudWatch?

- A. AWS Route53
- B. AWS EMR
- C. AWS ELB
- D. AWS RDS

Answer: B

Explanation:

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

NEW QUESTION 87

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 92

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 93

A user has enabled detailed CloudWatch monitoring with the AWS Simple Notification Service. Which of the below mentioned statements helps the user understand detailed monitoring better?

- A. SNS cannot provide data every minute
- B. There is no need to enable since SNS provides data every minute
- C. SNS will send data every minute after configuration
- D. AWS CloudWatch does not support monitoring for SNS

Answer: A

Explanation:

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

NEW QUESTION 94

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 96

You have several Amazon Glacier vaults you would like to monitor. How might you monitor those vaults?

- A. Create a custom AWS Config rule.
- B. Use an AWS master Config rule.
- C. Use an AWS managed Config rule.
- D. Create a KMS policy and attach it to your Amazon Glacier vault

Answer: A

Explanation:

Reference:
http://docs.aws.amazon.com/config/latest/developerguide/evaluate-config_developrules_nodejs.html#creating-custom-rules-for-additional-resource-types

NEW QUESTION 101

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 103

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