



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

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 3

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 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

Within the TCP/IP model what is the name of the Packet Data Unit (PDU) used between Transport Layers for communication between sender and receiver

- A. Frames
- B. Packets
- C. Data
- D. Segments

Answer: D

Explanation:

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

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

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 9

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 10

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

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 14

To get started using AWS Direct Connect, in which of the following steps do you configure Border Gateway Protocol (BGP)?

- A. Complete the Cross Connect
- B. Verify your Virtual Interface
- C. Create a Virtual Interface
- D. Submit AWS Direct Connect Connection Request

Answer: C

Explanation:

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

NEW QUESTION 19

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 21

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 26

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 the context of CloudFront RTMP Distribution, the Adobe Flash Media Server _____ file specifies which domains can access media files in a particular domain.

- A. accessdomain.JSON
- B. crossdomain.xml
- C. accessdomain.xml
- D. crossdomain.JSON

Answer: B

Explanation:

Reference:

http://docs.aws.amazon.com/AmazonCloudFront/latest/DeveloperGuide/Streaming_CrossDomain.html

NEW QUESTION 35

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 39

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 44

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 48

Which of the following does not configure Amazon CloudFront cache behaviors to forward cookies to an origin for web distributions?

- A. Origin server
- B. AWS CLI
- C. Amazon EMR
- D. Amazon S3

Answer: D

Explanation:

Reference:

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

NEW QUESTION 53

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 55

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 56

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 59

What is the maximum number of CloudTrails that you can create per AWS region?

- A. 10
- B. 2
- C. 16
- D. 5

Answer: D

Explanation:

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

NEW QUESTION 62

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 64

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 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 71

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 72

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 73

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 78

You can turn on the AWS Config service from the AWS CLI by running the subscribe command and passing as parameters a valid IAM role, SNS topic, and _____.

- A. EBS volume
- B. EC2 instance
- C. S3 bucket
- D. Kinesis stream

Answer: C

Explanation:

Reference:
<http://docs.aws.amazon.com/config/latest/developerguide/gs-cli-subscribe.html>

NEW QUESTION 82

When using AWS Config, which two items are stored on S3 as a part of its operation?

- A. Configuration Items and Configuration History
- B. Configuration Recorder and Configuration Snapshots
- C. Configuration History and Configuration Snapshots

D. Configuration Snapshots and Configuration Streams

Answer: C

Explanation:

Reference:
<http://docs.aws.amazon.com/config/latest/developerguide/config-concepts.html#config-items>

NEW QUESTION 86

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 88

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 91

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 96

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 97

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 101

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. invokingEvent
- B. mappingTemplate
- C. ruleConfiguration
- D. inputParameters

Answer: D

Explanation:

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

NEW QUESTION 104

In order to change the name of the AWS Config _____, you must stop the configuration recorder, delete the current one, and create a new one with a new name, since there can only be one of these per AWS account.

- A. SNS topic
- B. configuration history
- C. delivery channel
- D. S3 bucket path

Answer: C

Explanation:

Reference:
<http://docs.aws.amazon.com/config/latest/developerguide/update-dc.html>

NEW QUESTION 109

Which of the following characters is not allowed while creating a Namespace for a CloudWatch metric?

- A. /
- B. :
- C. #
- D. @

Answer: D

Explanation:

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

NEW QUESTION 113

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 115

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