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 a 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 as 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
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
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
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
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 8
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 9
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 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 10
Fill in the blanks: One of the basic characteristics of security groups for your VPC is that you _____ .

A. can specify allow rules, but not deny rules
B. can specify deny rules, but not allow rules
C. can specify allow rules as well as deny rules
D. can neither specify allow rules nor deny rules

Answer: A

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

NEW QUESTION 15
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 18
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 21
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/AddRemoveReplaceObject s.html

NEW QUESTION 22
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.h tml

NEW QUESTION 23
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 24
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 27
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 instanc

Answer: A

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

NEW QUESTION 28
In Amazon CloudFront, while creating a web distribution, which of the following can be used as origin servers?

A. Any combination AWS Glacier archives and Oracle server
B. Any combination of Amazon DB intances and XML servers
C. Any combination of Amazon S3 buckets and HTTP servers
D. Any combination of Amazon Data Insights and PHP servers

Answer: C

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

NEW QUESTION 29
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 34
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 37
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 39
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 43
Which of the following statements is true of AWS Elastic Beanstalk?

A. AWS Elastic Beanstalk uses CloudWatch for monitoring and alarms, meaning CloudWatch costs are applied to your AWS account for any alarms that you use.
B. AWS Elastic Beanstalk uses CloudWatch for monitoring and alarms, and both are free of charge.
C. AWS Elastic Beanstalk doesn't use CloudWatch for monitoring and alarms, but you pay extra for any AWS Elastic Beanstalk Alarm you set in the monitoring tool.
D. AWS Elastic Beanstalk has its own free-of-charge monitoring tool, and you are not charged for the alarm you set.

Answer: A

Explanation:
 Reference:
http://docs.aws.amazon.com/elasticbeanstalk/latest/dg/using-features.alarms.html

NEW QUESTION 45
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 48
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 51
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 52
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 56
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 59
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 62
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 67
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 72
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 happe
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 happe
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 76
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 80
You can use the _____ command of the AWS Config service CLI to see the compliance state of each resource that AWS Config evaluates for a specific rule.

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

Answer: C

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

NEW QUESTION 81
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