Amazon

Exam Questions AWS-Certified-Advanced-Networking-Specialty

Amazon AWS Certified Advanced Networking - Specialty

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
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
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 VirtualInterfac
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
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 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 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 7
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 8
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 9
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 VP

Answer: B

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

NEW QUESTION 10
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 10
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 15
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 19
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 24
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 29
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/RequestAndResponseBeha viorS3Origin.html#ResponseBehaviorS3Origin

NEW QUESTION 32
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 33
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 36
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 37
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 42
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 43
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 47
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 49
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 53
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 54
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 59
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 62
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 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 66
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 67
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 72
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 74
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 76
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 79
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 84
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.ht ml

NEW QUESTION 85
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 87
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