Amazon

Exam Questions AWS-Certified-Advanced-Networking-Specialty

Amazon AWS Certified Advanced Networking - Specialty

NEW QUESTION 1
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 2
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 3
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 4
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 5
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 6
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 7
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 8
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 9
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
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 10
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/Streaming_URLs.html

NEW QUESTION 15
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 19
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 23
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 28
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 32
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 35
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 39
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 41
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 43
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 46
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 vaul

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 51
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 53
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 54
You have many IAM users with the ability to create EC2 volumes. Most of the data your team works with is sensitive, so you would like to make sure all volumes are encrypted. How might you facilitate this requirement?

A. Create an AWS KMS policy and attach it to all IAM users that can create EC2 volumes
B. Use AWS Config and create a rule that requires all volumes, upon creation, be encrypted.
C. Use AWS Config to send out reminders to IAM users every time they create an EC2 volume.
D. Set EC2 to notify creators to encrypt their EC2 volume

Answer: B

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

NEW QUESTION 56
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