

AWS-Certified-Advanced-Networking-Specialty Dumps

Amazon AWS Certified Advanced Networking - Specialty

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NEW QUESTION 1

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 2

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 3

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 4

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 5

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 6

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 7

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 8

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 9

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 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

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 12

A user has created a VPC with CIDR 20.0.0.0/16 with only a private subnet and VPN connection using the VPC wizard. The user wants to connect to the instance in a private subnet over SSH. How should the user define the security rule for SSH?

- A. The user can connect to a instance in a private subnet using the NAT instance
- B. The user has to create an instance in EC2 Classic with an elastic IP and configure the security group of a private subnet to allow SSH from that elastic IP
- C. Allow Inbound traffic on port 22 from the user's network
- D. Allow Inbound traffic on port 80 and 22 to allow the user to connect to a private subnet over the internet

Answer: C

Explanation:

Reference:

http://docs.aws.amazon.com/AmazonVPC/latest/UserGuide/VPC_Scenario4.html

NEW QUESTION 16

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 17

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 22

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 25

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 29

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 32

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 instances 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 37

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 38

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 42

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 43**

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 47**

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 50**

You can use the _____ command of the AWS Config service CLI to see the compliance state of each of your rules.

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

Answer: B**Explanation:**

Reference:

http://docs.aws.amazon.com/config/latest/developerguide/evaluate-config_view-compliance.html**NEW QUESTION 53**

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 56**

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 58

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 61

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 65

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 66

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