

# Amazon

## Exam Questions AWS-Certified-Advanced-Networking-Specialty

Amazon AWS Certified Advanced Networking - Specialty



#### 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](http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/network_mtu.html)

#### NEW QUESTION 2

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 VirtualInterface
- 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 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](https://en.wikipedia.org/wiki/Transmission_Control_Protocol)

#### 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

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](http://docs.aws.amazon.com/directconnect/latest/UserGuide/remote_regions.html)

#### NEW QUESTION 6

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 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

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 9

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 10

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 10

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 12

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 15

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

#### NEW QUESTION 20

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 it

**Answer: B**

#### Explanation:

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

#### NEW QUESTION 24

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

#### NEW QUESTION 28

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 33**

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 37**

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 38**

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 40**

In Amazon CloudFront, to link to your objects, if your domain name is d111111abcdef8.cloudfront.net and your object is image.jpg, then the URL for the link in your webpage will be \_\_\_\_\_.

- A. <http://d111111abcdef8.cloudfront.net/images/image.jpg>
- B. <http://d111111abcdef8.dns/images/image.jpg>
- C. <http://d111111abcdef8.dns/image.jpg>
- D. <http://d111111abcdef8.cloudfront.net/image.jpg>

**Answer:** D

**Explanation:**

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

**NEW QUESTION 42**

Which service is used by default to store the CloudTrail log files?

- A. Elastic Block Store (EBS)
- B. Redshift
- C. Simple Storage Service (S3)
- D. Glacier

**Answer:** C

**Explanation:**

Reference:

<http://docs.aws.amazon.com/awscloudtrail/latest/userguide/cloudtrail-working-with-log-files.html>

**NEW QUESTION 44**

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 49**

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 53**

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 54**

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](http://docs.aws.amazon.com/AmazonCloudWatch/latest/APIReference/API_MetricDatum.html)

**NEW QUESTION 56**

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](http://docs.aws.amazon.com/AmazonCloudWatch/latest/DeveloperGuide/related_services.html)

**NEW QUESTION 60**

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 65**

What does the term "statistics" mean with respect to CloudWatch metrics?

- A. Time of a metric collection
- B. Data aggregation over a specific period of time
- C. Status of a metric
- D. Unit of a metric

**Answer:** B

**Explanation:**

Reference:  
[http://docs.aws.amazon.com/AmazonCloudWatch/latest/DeveloperGuide/cloudwatch\\_concepts.html#Statistic](http://docs.aws.amazon.com/AmazonCloudWatch/latest/DeveloperGuide/cloudwatch_concepts.html#Statistic)

**NEW QUESTION 68**

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 73**

You would like to automate the monitoring of changes in the configurations of your AWS resources and respond programmatically to configurations of only a certain type. To do this, you could use Amazon \_\_\_\_\_ as the endpoint for the Amazon SNS topics that generate messages from AWS Config.

- A. Kinesis
- B. Simple Email Service (SES)
- C. Simple Storage Service (S3)
- D. Simple Queue Service (SQS)

**Answer:** D

**Explanation:**

Reference:  
<http://docs.aws.amazon.com/config/latest/developerguide/monitor-resource-changes.html>

**NEW QUESTION 74**

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](http://docs.aws.amazon.com/config/latest/developerguide/evaluate-config_view-compliance.html)

**NEW QUESTION 76**

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

#### NEW QUESTION 80

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 82

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](http://docs.aws.amazon.com/config/latest/developerguide/evaluate-config_develop-rules_nodejssample.html)

#### NEW QUESTION 85

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 87

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](http://docs.aws.amazon.com/AmazonCloudWatch/latest/DeveloperGuide/supported_services.html)

#### NEW QUESTION 90

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

**NEW QUESTION 91**

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](http://docs.aws.amazon.com/config/latest/developerguide/evaluate-config_developrules_nodejs.html#creating-custom-rules-for-additional-resource-types)

**NEW QUESTION 96**

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 100**

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](http://docs.aws.amazon.com/config/latest/developerguide/evaluate-config_view-compliance.html)

**NEW QUESTION 101**

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 103**

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