



**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](https://en.wikipedia.org/wiki/OSI_model)

#### 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

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 4

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

#### NEW QUESTION 5

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](https://en.wikipedia.org/wiki/IPv4_subnetting_reference)

**NEW QUESTION 6**

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 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**

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**

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 10**

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 12**

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 15**

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 17**

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 18**

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 21**

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

**NEW QUESTION 22**

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 26**

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 30**

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

**NEW QUESTION 32**

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 33**

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

**NEW QUESTION 34**

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 36**

A user is trying to send custom metrics to CloudWatch using the PutMetricData APIs. Which of the below mentioned points should the user needs to take care while sending the data to CloudWatch?

- A. The size of a request is limited to 128KB for HTTP GET requests and 64KB for HTTP POST requests
- B. The size of a request is limited to 40KB for HTTP GET requests and 8KB for HTTP POST requests
- C. The size of a request is limited to 16KB for HTTP GET requests and 80KB for HTTP POST requests
- D. The size of a request is limited to 8KB for HTTP GET requests and 40KB for HTTP POST requests

**Answer:** D

**Explanation:**

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

**NEW QUESTION 39**

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 44**

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 46**

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