

Aviatrix ACE by paingpeace

Number: 000-000
Passing Score: 800
Time Limit: 120 min
File Version: 1.0

===Not For Sale===

Aviatrix Study Group
<https://t.me/AviatrixStudy>

Please contact me if incorrect things to fix (with reference) or add new questions
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About the Exam

The time blocks below are for 75 minutes, please consider that while scheduling
We will spend 15 minutes reviewing exam logistics

You will have 60 minutes to complete the exam

Exam Guidelines:

Act as if you are sitting in a testing center and are not allowed to use any online resources, talk to others, or ask questions. Our testing service is designed to monitor all user activity for inappropriate conduct and you may be flagged for navigating outside of the test taking window, taking screenshots of the exam, etc.

We recommend scheduling the exam within two weeks of completing this course.

If you do not pass the exam, you are allowed 1 re-take within one week of your first attempt.

You may refer back to these modules or review the self-paced guidelines on the Aviatrix Community site prior to taking the exam.

<https://community.aviatrix.com/t/y4hh4ml/ace-associate-self-paced-learning-guidelines>

Exam B

QUESTION 1

An operator needs to create a new VPC, VCN or VNet using Aviatrix Controller.

Can the operator use Aviatrix VPC Tracker feature to validate potential CIDR/Prefix/Address space duplication across multiple clouds?

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

Azure supports availability zone in its all regions

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

When AWS Direct Connect, Azure ExpressRoute, Google Interconnect and OCI FastConnect are encrypted without using Aviatrix High Performance Encryption, the effective throughput is reduced to ____.

- A. 1.25 Gbps
- B. 10.25 Gbps
- C. 5.25 Gbps
- D. 525 Mbps

Correct Answer: A

Section: (none)

Explanation**Explanation/Reference:****QUESTION 4**

Aviatrix Controller allows customers to export Netflow data from all or select Aviatrix Gateways to any Netflow collector on a custom port.

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation**Explanation/Reference:****QUESTION 5**

ACE Inc. currently uses AWS as their primary cloud provider with a strong desire to expand to Azure and GCP. IT team has strict security and control requirements from different business units that require isolation and control from each other. The different business units want

- * to own their own transit architecture
- * the ability to control firewall rules for their own application
- * to not share same transit with other business units but have ability to connect to other business units if needed.

The architecture board has mandated that there needs to be a single design pattern that accommodates above requirements irrespective of the public cloud vendor being used.

Choose the best design option to meet above needs. Each option presents a complete solution.

- A. Use AWS Transit Gateway (TGW). Deploy several TGWs in each region and peer them together as needed. Use TGW VPN to build IPsec tunnels to Azure Virtual WAN and Google Cloud VPN.
- B.
- C.
- D.

Correct Answer: A

Section: (none)

Explanation**Explanation/Reference:**

QUESTION 6

Aviatrix Controller provides a VPC Creator tool that allows customers to create VPC, VNETs across multiple clouds like AWS, GCP, Azure and OCI from single pane of glass.

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

Using AWS Terraform provider, a customer created an AWS Transit Gateway with 50 VPCs attached to it. After attaching the VPCs and spinning up some EC2 instances in them, none of the instances can communicate with each other. What should be done to resolve the issue?

- A. There must be security group rules blocking traffic as AWS auto configures VPC routing tables
- B. Configure BGP communities in VPC such that all VPCs that need to communicate with each other have same community defined
- C. Create routing tables in each VPC, add CIDR for all the other VPCs in the routing table pointing to AWS Transit Gateway
- D. There must be security group rules blocking traffic as BGP in VPC auto configures VPC routing tables

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

Choose two statements that best describe Aviatrix UserVPN/OpenVPN service.

- A. Requires AWS NAT Gateway
- B. Is limited to one Gateway per VPC/VNET
- C. Can integrate with DUO for MFA

D. Can integrate with Active Directory

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Aviatrix platform has several operational features and capabilities built-in to help network engineers perform day to day operational tasks.

Below, match the Aviatrix platform feature with the operational problem it addresses.

Select and Place:

QUESTION

7

Aviatrix platform has several operational features and capabilities built-in to help network day operational tasks.

Below, match the Aviatrix platform feature with the operational problem it addresses.

DRAG THE BOXES TO MATCH THE ANSWERS

Packet Capture	?
Ping and Traceroute	?
Export to Terraform	?
VPC Tracker	?

Correct Answer:

QUESTION

7

Aviatrix platform has several operational features and capabilities built-in to help network engineers with their day operational tasks.

Below, match the Aviatrix platform feature with the operational problem it addresses.

DRAG THE BOXES TO MATCH THE ANSWERS

Packet Capture	Ability to take live packet capture at any spoke VPC/VNet/VNC and also display it in Wireshark.
Ping and Traceroute	Ability to run basic troubleshooting tools from a simplified UI.
Export to Terraform	A feature that allows users to export their current Controller configurations (resources) into Terraform files (.tf) and import them into their Terraform environment, facilitating an easy transition to using Terraform to manage their infrastructure.
VPC Tracker	A tool that collects and helps you manage your network CIDR ranges at a central place, eliminating the need to keep an Excel sheet on all your VPC network addresses allocations.

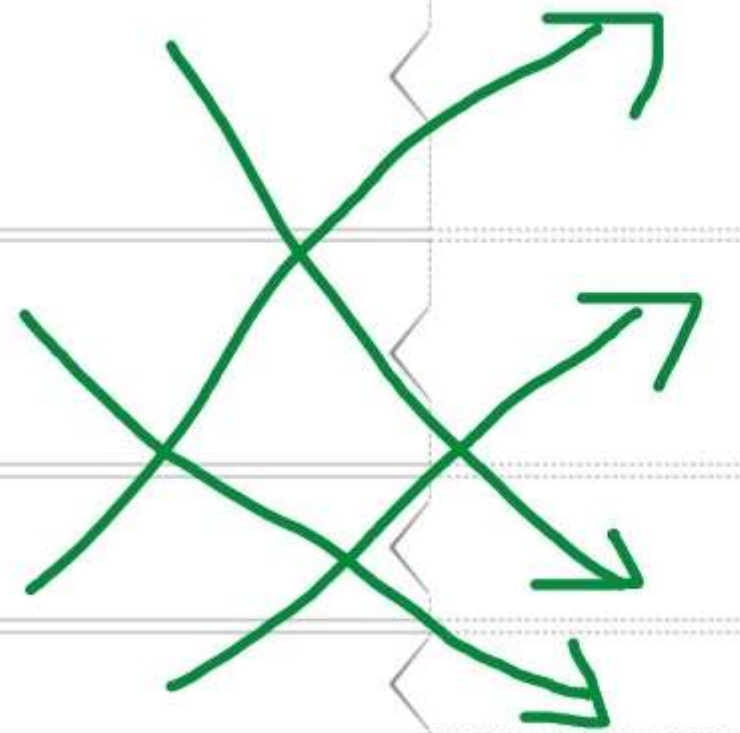
Section: (none)

Explanation

Explanation/Reference:

DRAG THE BOXES TO MATCH THE ANSWERS

Packet Capture	?
Ping and Traceroute	?
Export to Terraform	?
VPC Tracker	?



A feature th
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tools from a

QUESTION 10

An operator needs to create a new VPC, VCN or VNet using Aviatrix Controller. Can the operator use Aviatrix VPC Tracker feature to validate CIDR/Prefix/Address space duplication

A. True

B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

Operations team has noticed that during the peak working hours, Aviatrix Gateway's throughput utilization stays around 80% of the current instance size. A decision has been made to scale up the instance size to provide more throughput. Which below statement accurately describes instance sizing of Aviatrix Gateways?

- A. Aviatrix Gateways can scale down but not scale up
- B. Aviatrix Gateways instance size has to be chosen at deployment and can't change later
- C. Aviatrix Gateways can scale up but not scale down
- D. Aviatrix Gateways can scale up and down both

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

As a Cloud Networking Consultant, you are reviewing a Microsoft Azure Virtual WAN network design that will be used to connect several VNets, branches, users and a Data Center (using ExpressRoute). What are some known challenges with this design pattern?

(Choose 3)

- A. No support for multi.cloud
- B. Lack of encryption within the cloud
- C. Inability to selectively advertise routes
- D. No support for BGP
- E. No support for VPN Users
- F. Inability to have default any to any connectivity

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

Which Aviatrix Controller feature automates the configuration of AWS Transit Gateway, VPC Route Tables, Direct Connect learned routes and Security Domain?

- A. Aviatrix Site to Cloud (S2C)
- B. Aviatrix High Performance Encryption (HPE)
- C. Aviatrix Firewall Networks (FireNet)
- D. Aviatrix AWS TGW Orchestrator

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

What is a challenge of using VNet peering for transit in Azure?

- A. Limited bandwidth available over peering connections
- B. Requires BGP to be configured
- C. Doesn't scale well as its a 1 :1 mapping
- D. Limited to a single region

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

Choose the two best statements that describe challenges of deploying a NextGen Firewall (NGFW) in public cloud.
(Choose 2)

- A. Reduced visibility due to NAT
- B. Firewalls can only be deployed in Active/Standby
- C. Reduced firewall feature availability
- D. Reduced effective throughput of the NGFW
- E. Firewalls can only be deployed in Active/Active

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

The feature in Aviatrix Controller that allows customers to see path between two instances/AMI/EC2/VM (including, but not limited to Security Groups, ACLs, Routes, etc.) is called:

- A. FlightPath
- B. Netflow
- C. Flight Control
- D. Network Connectivity Test

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

ACE Inc. has been using a 10 Gbps ExpressRoute connection into Microsoft Azure. Security and compliance team has recently flagged this as a policy violation as company data is going unencrypted over untrusted transport. What are the encryption options available to ACE Inc. for connecting to Azure?

(Choose 2)

- A. Data over ExpressRoute is encrypted by default
- B. You can open a support ticket with Microsoft Azure to encrypt at 10 Gbps
- C. Use Aviatrix High Performance Encryption over ExpressRoute to encrypt at 10 Gbps line rate

D. Manually build IPSec tunnel from on-prem router to cloud over ExpressRoute to achieve a reduced thruput of 1.2 Gbps

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

Few key differences between Aviatrix based transit and other non-Aviatrix 3rd party transit (such as Cisco CSR) are:

(Choose 2)

- A. Aviatrix transit architecture lets you choose any instance size. Throughput will depend on the instance size characteristics
- B. Cisco CSR based transit lets you choose any instance size. Throughput will depend on the instance size characteristics
- C. Aviatrix based transit can do 1.25 Gbps encrypted throughput whereas Cisco CSR can do up to 70 Gbps
- D. With default settings, Cisco CSR based transit can do 1.25 Gbps encrypted throughput whereas Aviatrix can do up to 70 Gbps

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

Match the issues of deploying firewalls in public cloud to appropriate problem statement

Select and Place:

Match the issues of deploying firewalls in public cloud to appropriate problem statement

DRAG THE BOXES TO MATCH THE ANSWERS

When using 3rd party NextGen FWs deployed in a Azure Hub VNet	?	the general recommendation is to deploy firewalls in each VPC
When using native features of Google Cloud Platform and a 3rd party NextGen Firewall is needed	?	scaling out of firewalls is not possible
When using AWS native Transit Gateway and a 3rd party NextGen Firewall is deployed as Active/Active	?	throughput of each NetGen FW is limited to 500 Mbps
When using AWS native Transit Gateway and a 3rd party NextGen Firewall is deployed as Active/Standby	?	static routes are needed to manually redirect interesting traffic to load-balancers

Correct Answer:

Match the issues of deploying firewalls in public cloud to appropriate problem statement

DRAG THE BOXES TO MATCH THE ANSWERS

When using 3rd party NextGen FWs deployed in a Azure Hub VNet	scaling out of firewalls is not possible	
When using native features of Google Cloud Platform and a 3rd party NextGen Firewall is needed	the general recommendation is to deploy firewalls in each VPC	
When using AWS native Transit Gateway and a 3rd party NextGen Firewall is deployed as Active/Active	throughput of each NetGen FW is limited to 500 Mbps	
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Section: (none)

Explanation

Explanation/Reference:

Match the issues of deploying firewalls in public cloud to appropriate problem statement

DRAG THE BOXES TO MATCH THE ANSWERS

When using 3rd party NextGen FWs deployed in a Azure Hub VNet	?	the general recommendation is to not deploy firewalls in public cloud
When using native features of Google Cloud Platform and a 3rd party NextGen Firewall is needed	?	scaling out of firewalls is not supported
When using AWS native Transit Gateway and a 3rd party NextGen Firewall is deployed as Active/Active	?	throughput of each firewall is limited to 500 Mbps
When using AWS native Transit Gateway and a 3rd party NextGen Firewall is deployed as Active/Standby	?	static routes are needed to redirect interesting traffic to the firewalls

QUESTION 20

Choose two examples where you would leverage the Aviatrix Controller's S2C (Site-2-Cloud) workflow?

(Choose 2)

- A. Connect your branch office to the cloud resources
- B. Connect two branch offices directly to each other
- C. Connect several telecommuting employees to cloud resources based on their geographic location
- D. Connect a partner directly to a VPC/VNET hosting your application

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

What is Aviatrix CoPilot?

- A. A tool inside Aviatrix Controller to run FlightPath and other troubleshooting aspects
- B. A tool that is used to upgrade Aviatrix Controller and perform other maintenance tasks
- C. A component of Aviatrix platform that provides end to end visibility showing deployment overview, cloud topology and provide views based on Netflow data
- D. A product that run analytics and machine learning against the architecture

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

Aviatrix Gateways support NAT capability in which public cloud?

- A. AWS
- B. Google Cloud
- C. Microsoft Azure
- D. All the the Public Cloud listed here in the options

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

ACE Inc. needs to deploy a single consistent network infrastructure across AWS, Azure, GCP and OCI using Aviatrix. How many Aviatrix controllers will be needed?

- A. 3
- B. 2
- C. 4

D. 1

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

Aviatrix platform provides rich capabilities around networking, security and operations in public cloud networks. In addition to Aviatrix Transit, it also helps customers overcome limitations of native public cloud constructs. Below, match the Aviatrix platform capability for AWS Transit Gateway (TGW) with the appropriate problem description.

Select and Place:

DRAG THE BOXES TO MATCH THE ANSWERS

AWS TGW Route Approval		Customers are responsible for the configuration of the TGW and all the routes. This is a technical overhead.
AWS TGW View		Inability to have a single view of all TGWs, accounts, and regions.
AWS TGW Route Audit		If someone manually or via a script changes a route, there is no ability to catch the change.
AWS TGW List		With multiple TGWs, there is no way to see all of them, there is no way to see the routes and TGWs are not visible in the console.
AWS TGW and VPC route table orchestration		When a route is added to a VPC route table, it is automatically added to the TGW route table. This is an ability for the customer to manage the routes before it is possible to add a route to a VPC route table.

Correct Answer:

DRAG THE BOXES TO MATCH THE ANSWERS

AWS TGW Route Approval	When a route is advertised over BGP, this route is automatically propagated to all VPCs. There needs to be an ability for the network engineers to approve the route before it is propagated.
AWS TGW View	With multiple Transit Gateways and VPCs attached to them, there is a need for visualization to map how VPCs and TGWs are connected.
AWS TGW Route Audit	If someone makes a mistake and inserts bad routes, manually or via automation such as terraform, there is no ability to catch this common issue.
AWS TGW List	Inability to have consolidated list of VPCs across AWS TGWs, accounts, regions with CIDRs, IDs etc.
AWS TGW and VPC route table orchestration	Customers are responsible for managing route tables at TGW and all the VPCs which is a huge administrative and technical overhead for customers.

Section: (none)


Explanation

Explanation/Reference:

Aviatrix platform provides rich capabilities around networking, security and operations in public cloud networks. In addition to Aviatrix Transit, it also helps customers overcome limitations of native public cloud constructs. Below, match the Aviatrix platform capability for AWS Transit Gateway (TGW) with the appropriate problem description.

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AWS TGW List	With multiple Transit Gateways and VPCs attached to them, there is a need for visualization to map how VPCs and TGWs are connected.
AWS TGW and VPC route table orchestration	When a route is advertised over BGP, this route is automatically propagated to all VPCs. There needs to be an ability for the network engineers to approve the route before it is propagated.



QUESTION 25

As a Cloud Networking Consultant, you are reviewing a Microsoft Azure network design that will be using Microsoft Azure ExpressRoute Edge routers as transit for inter-VNet communication. What are some known challenges with this design pattern?

- A. Multiple customers using same edge router may create noisy neighbor issues
- B. Lack of visibility into traffic at the edge routers
- C. No granular control to be able to route VNets selectively
- D. All of the above

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

A Customer has 100 VPCs in GCP that they want to be able to route between. What are some of the solutions customers can use. Each option represents a complete solution.

(Choose 2)

- A. Google already provides global routing for inter-VPC traffic
- B. Use Aviatrix Transit solution to connect the VPCs with a Transit VPC running Aviatrix Gateways
- C. Manually configure routing tables in each VPC
- D. Use Google Routers
- E. Build full mesh connectivity using VPC Peering

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

ACE Inc. has a Direct Connect for their on-premise location to connect to AWS. Security team has recently been notified of issues where employees and contractors working from the on-premise location are using non-corporate (personal or public) S3 buckets using ACE Inc.'s Direct Connect. This is overwhelming the Direct Connect and also showing the source of traffic to these S3 buckets as ACE Inc. which has potential compliance and security risks.

As a cloud architect, you are tasked with securing the Direct Connect for specific ACE Inc. corporate S3 buckets access only.

Which Aviatrix feature can help ACE Inc. overcome this problem?

- A. Aviatrix FlightPath
- B. Aviatrix CoPilot
- C. Aviatrix Private S3
- D. Aviatrix Multi-Account Onboarding

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

Which AWS feature does Aviatrix integrate with to provide Public Subnet Filtering for Ingress Internet Traffic to a VPC?

- A. AWSGuardDuty
- B. AWS Shield
- C. AWSWAF
- D. AWS Inspector

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

Customer has an Aviatrix Controller deployed in AWS and wants to back up the Aviatrix Controller configuration. Where would the backup file be saved?

- A. An S3 bucket
- B. SFTP Server
- C. On one of the Aviatrix Gateways
- D. FTP Server

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

What is one of the limitations of Microsoft Azure ExpressRoute that becomes more problematic in a Virtual WAN deployment with 'any-to-any' default connectivity behavior?

- A. BGP is not allowed over ExpressRoute when used with Virtual WAN
- B. From Azure cloud, only 200 routes can be advertised to on-prem over a single ExpressRoute Gateway
- C. You have to use Microsoft Edge Routers as transit between VNets
- D. Use of Azure Firewall is required

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

Customers do not need to sign a separate licensing agreement with Aviatrix to get started because controller can be launched from any cloud provider's Marketplace (Pay-As-You-Go metering).

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

What are some limitations of using Public Cloud Provider's (AWS, Azure, GCP, OCI) native VPN Gateways that network engineers must account for in their deployments?

(Choose 2)

- A. No support for NAT which becomes problematic In case of overlapping IPs and connecting to (customer and partner) sites where IP allocation is out of your administrative control
- B. No support for Active/Active deployment
- C. Inability to use common troubleshooting tools like ping, traceroute
- D. Only support UDP

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

An example of when would you use Aviatrix FlightPath is:

- A. To insert Firewall into traffic path between 2 VPCs
- B. To connect your branch office to the cloud resources
- C. To view controller logs
- D. To troubleshoot connectivity between EC2 instances in 2 AWS VPCs

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

Choose the best definition for Firewall Network (FireNet)?

- A. Aviatrix turn key solution to scalably deploy firewall instances in the cloud
- B. Azure functionality to deploy 3rd party firewalls in a VPC
- C. AWS functionality to deploy 3rd party firewalls in a VPC
- D. GCP functionality to deploy 3rd party firewalls in a VPC

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

ACE Inc. had been using a standard marketplace router as an NVA (Network Virtual Appliance) in the hub Virtual Network (VNet) for spoke to spoke communication. The NVA has just been replaced by Azure Firewall.

Now the security operations team is reporting that traffic between Virtual Machines in the same VNet is working however any inter-VNet traffic is being dropped by the NSGs (Network Security Groups) at destination. What could be a possible reason?

- A. Azure Firewall is blocking all the traffic
- B. There is no route at the Azure Firewall
- C. Azure Firewall is doing SNAT for inter-VNet traffic
- D. BGP routes in UDR need to be updated

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

What is a challenge of using ExpressRoute Edge Routers as transit to interconnect VNets in Azure?

- A. Not recommended by Microsoft Product Group/ not officially documented
- B. BW limited by ExpressRoute Gateway SKU
- C. Limited Control of routing propagation
- D. All of the above

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

High speed private connectivity from customer locations (data centers, Headquarters) to public cloud such as AWS Direct Connect, Azure ExpressRoute, Google Interconnect and OCI FastConnect are encrypted by default?

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

What is/are the protocol(s) supported by Aviatrix Site2Cloud (S2C) Gateway?

- A. GRE
- B. UDP only
- C. Both UDP and TCP
- D. TCP only

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

ACE Inc. is currently using AWS Transit Gateway (TGW) with 100 VPCs attached to it from different security domains.

These 100 VPCs are used as following:

- *20 VPCs belong to Production,
- *40 VPCs belong to Development,
- *20 are part of UAT and
- *20 VPCs are for shared services and miscellaneous common needs.

ACE Inc. requirements are to:

- *provide network and traffic segmentation between Prod, Development, UAT VPCs such that there is no traffic between VPCs belonging to different domains
- *allow all VPCs in each domain to communicate with each other
- *allow every VPC access to shared services VPCs

Which Aviatrix feature would help to not only provide this segmentation but also decrease the complexity of this topology and routing configuration by orchestrating life-cycle management of AWS Transit Gateways?

(Choose 2)

- A. Aviatrix AWS-TGW Encrypted Peering
- B. Aviatrix TGW Orchestrator

- C. Aviatrix Security Domain
- D. Aviatrix Site-to-Cloud (S2C)

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

ACE Inc. has a VNet-A hosting Database services which is peered with several app VNets. There is a new requirement to add another CIDR to VNet-A. How can you prevent a database connectivity outage for all the peered VNets while performing this task?

- A. Use Powershell to update the VNet-A CIDR
- B. You cannot add a CIDR to a VNet after It has been created
- C. It's not possible to perform this action without an outage as you need to delete all existing peering before new CIDR can be added
- D. First modify peering routes for all the VNets to add the new CIDR and then add the new CIDR to VNET-A

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

Match the terminology to the appropriate Public Cloud provider

Select and Place:

QUESTION **40**

Match the terminology to the appropriate Public Cloud provider

DRAG THE BOXES TO MATCH THE ANSWERS

GuardDuty	Google Cloud
VPC Global Routing	AWS
Virtual Network (VNet)	Microsoft Azure

Correct Answer:

QUESTION **40**

Match the terminology to the appropriate Public Cloud provider

DRAG THE BOXES TO MATCH THE ANSWERS

GuardDuty	AWS
VPC Global Routing	Google Cloud
Virtual Network (VNet)	Microsoft Azure

Section: (none)

Explanation

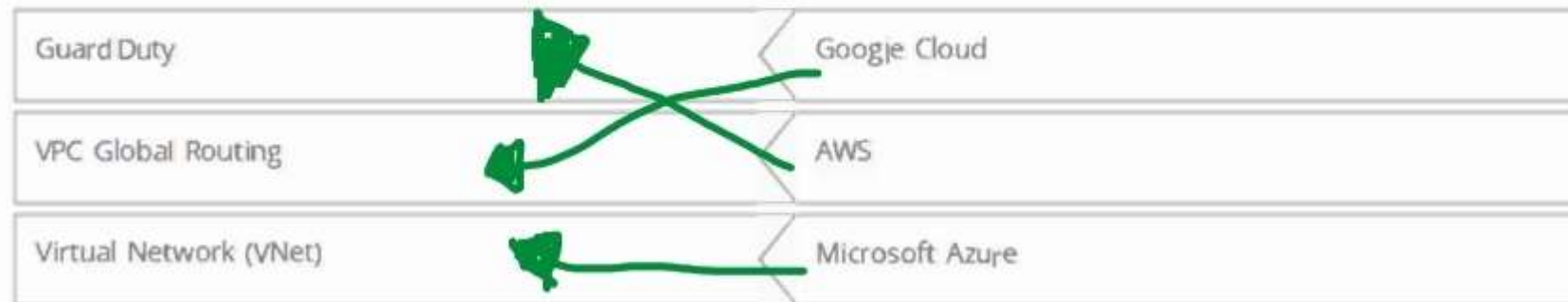
Explanation/Reference:

QUESTION

40

Match the terminology to the appropriate Public Cloud provider

DRAW THE BOXES TO MATCH THE ANSWERS



QUESTION 42

Can the Aviatrix platform help you interconnect VPCs/VNet/VCNs with overlapping IP address ranges?

- A. Yes, using standard encrypted peering
- B. Yes, using S2C (Site to-Cloud)
- C. Yes, using FlightPath
- D. No

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

What are the connectivity options for customers to access Azure?

- A. Internet Only
- B. VPN and Express Route
- C. Internet, VPN, and DirectConnect
- D. Internet, VPN, ExpressRoute

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

Choose the correct behavior around software upgrade and security patching of Aviatrix Platform.

(Choose 2)

- A. Aviatrix platform offers hitless upgrades
- B. Aviatrix platform software upgrade requires long downtime
- C. Security patching of the Aviatrix platform always requires a version upgrade for entire deployment
- D. Security patching of the Aviatrix platform can be done without requiring version upgrade of entire platform

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

Which Aviatrix solution lets customers connect and manage their branch Cisco ISR routers to AWS or Azure without requiring any manual effort on branch routers or replacement of equipment?

- A. High Performance Encryption (Insane Mode)
- B. FlightPath
- C. Direct Connect
- D. Cloud WAN

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46

ACE Inc. has 50 VPCs in AWS with applications that need access to SaaS services on the internet using pre-defined FQDNs.

Current deployment has AWS NAT instances deployed that allow full internet access.

ACE Inc.'s security team has mandated that these applications should only be allowed access to pre-approved FQDNs.

You have been tasked to solve this problem considering the following three goals

1. Solution must be easy to implement
2. Same URLs definitions can be used for multiple applications
3. Keep the cost down

- A. Deploy a WAF solution
- B. Deploy a NGFW firewall in each VPC
- C. Deploy Aviatrix Gateways to perform FQDN filtering
- D. Configure NAT policies on the AWS NAT Instance

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

What native methods are available to configure Public Cloud Networks using Aviatrix Controller?

(Choose 3)

- A. Bash
- B. REST API
- C. UI (User Interface)
- D. Powershell
- E. Terraform

Correct Answer: BCE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

AWS Public VIF for DirectConnect announces the CIDR ranges of the publicly-a****

- A. the selected publicly-available service from all AWS regions
- B. the selected public-available services from the selected AWS region
- C. all publicly-available services from all AWS regions
- D. all publicly-available services from the selected AWS region

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

Which networking entity in the cloud infrastructure allows operators to run commands to see BGP state, route tables, diagnostic, logs etc.

- A. AWS VPC Implicit Router
- B. AzureVNET Router
- C. Google Cloud Router
- D. Aviatrix Gateway

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

Private, Public, Transit VIFs(Virtual Interface) are terms related to which

- A. Azure ExpressRoute
- B. AWS Virtual Private Gateway (VGW)

- C. AWS DirectConnect
- D. AWS Transit Gateway

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

Azure Firewall (native service)

- A. performs Load Balancing and SNAT automatically
- B. handles UDR updates and route propagation for all the peered spoke VNET
- C. is encrypting the traffic in transit
- D. By default provide Malware Protection, IDS (Intrusion Detection) and IPS (Intrusion Prevention)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

What is an Availability Zone?

- A. A technology developed for Multi Cloud for automatic moving of resources between DC and Cloud regions ****
- B. A zone provided by Cloud Service Providers (CSP) that is available to multiple regions across the globe to dep** availability
- C. Grouping of many on-prem data centers within a geographic area to provide regional service availability
- D. Distinct location within cloud provider's network that is engineered to be isolated from failures of other such

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

You can peer AWS TGWs within a Region.

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

<http://www.gilles.cloud/2019/12/aws-transitive-routing-with-transit.html>

QUESTION 54

The IPSec tunnels terminating at AWS TGW/VGW, Azure VPN GW, and other native VPN support interconnecting networks with overlapping IP ranges.

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 55

One difference between Microsoft ExpressRoute circuit as compared to other cloud provider direct connect option, is that ExpressRoute is always provisioned as a redundant pair with two physical connection to the Microsoft Enterprise Edge Routers (MSEE)?

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 56

Match the Azure transit option below to the description which best describes it:

Select and Place:

Match the Azure transit option below to the description which best describes it:

DRAG THE BOXES TO MATCH THE ANSWERS

Using an NVA	?	While undocumented and not preferred by the MSFT Product Groups, this is the most common transit routing mechanisms deployed by customers
Hairpinning through MSEE (Microsoft Enterprise Edge) routers	?	This method can provide more granular control but UDR management at scale can become problematic
VNET Peering	?	While the preferred option by Microsoft Product Group, this option fails to scale as customer grow due to the 1 to 1 mapping this method depends upon.

Correct Answer:

Match the Azure transit option below to the description which best describes it:

DRAW THE BOXES TO MATCH THE ANSWERS

Using an NVA	This method can provide more granular control but UDR management at scale can become problematic	
Hairpinning through MSEE (Microsoft Enterprise Edge) routers	While undocumented and not preferred by the MSFT Product Groups, this is the most common transit routing mechanisms deployed by customers	
VNET Peering	While the preferred option by Microsoft Product Group, this option fails to scale as customer grow due to the 1 to 1 mapping this method depends upon.	

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

Match the Azure transit option below to the description which best describes it:

DRAW THE BOXES TO MATCH THE ANSWERS

Using an RVA	?	While undocumented and not preferred by the MSFT Product Group, this is the most common transit routing mechanisms deployed by customers
Hairpinning through MSEE (Microsoft Enterprise Edge) routers	?	This method can provide more granular control but UDR management at scale can become problematic
VNET Peering	?	While the preferred option by Microsoft Product Group, this option fails to scale as customer grow due to the 1 to 1 mapping this method depends upon

Previous Next Overview Introduction Flag Complete all

QUESTION 57

Stateful Firewall rule:

- A. is another name for Azure Active Directory Firewall
- B. requires explicit rule for the return traffic
- C. allows the return traffic implicitly
- D. alone can easily satisfy the enterprise security needs

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

NACL is stateless need to allow outbound as well, security groups are stateful

QUESTION 58

In an Azure setup where all VNETs are directly peered(full-mesh) using VNET Peering

- A. it is easy to insert a centralized FW
- B. peering needs to be broken for VNET CIDR change
- C. there are no real limitations for bandwidth

D. ExpressRoute Edge Router does the actual routing

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

limitation as 1.25GB on IPsec tunnels

QUESTION 59

As per the cloud architecture best practices guidelines in Multi-Cloud Network Architecture (MCNA), which component provides a consistent transit available in all regions across all public cloud providers.

- A. Cloud Operations Layer
- B. Global Transit Layer
- C. Cloud Applications Layer
- D. Cloud Security Layer

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60

An example of a Network Virtual Appliance (NVA) in Azure would include which of the following

- A. Virtual Network Gateway (VNG)
- B. Azure Load Balancer
- C. UDR
- D. Palo Alto Firewall

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 61

AWS Guard Duty automatically enforces its findings the ingress routing feature, blocking the *** traffic by default

- A. False
- B. True

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Guard Duty is only detection, cannot enforce rules.

QUESTION 62

Drag the Following in the Correct Order

Internet GW

Security Group

Networking ACL

Route Table

Network Interface ENI

Select and Place:

Internet GW

Security Group

Networking ACL

Route Table

Network Interface ENI

Correct Answer:

Internet GW
Security Group
Networking ACL
Route Table
Network Interface ENI

Section: (none)

Explanation

Explanation/Reference:

QUESTION 63

Which Aviatrix feature customer might leverage to help prevent connected partners from affecting cloud routing when peered with dynamic routing protocols?

- A. VCN Route Audit
- B. BGP Route Approval
- C. TGW Audit
- D. TGW Orchestrator

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 64

AWS Security Group, Azure Network Security Group, GCP Firewall Service, by default support FQDN based firewall rules (e.g. www.yahoo.com) as a destination in their configuration, to allow/block traffic to the specified domain.

- A. True
- B. False
- C. AWS Security Group does, others not

D. GCP Firewall Service, others not

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 65

In order for a customer to leverage Aviatrix Firenet to orchestrate the deployment and insertion of NGFWs, customers must leverage Aviatrix gateways in the spokes VPC/VNETs in order to program the necessary routing to insert the firewall into the traffic flow?

A. True

B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference: