Question 1

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.

Options:

A- Packet Capture - Ability to take live packet capture at any spoke VPC/VNet/VNC and also display it at Wireshark.

B- Ping and Traceroute - Ability to run basic troubleshooting tools from simplified UI.

C- 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 environmrnts, facilitating an easy transition to using Terraform to manage their infrastructure.

D- 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.

Answer:

A, B, C, D

Question 2

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?

Options:

A- False

B- True

Answer:

A

Explanation:

FireNet is a solution for integrating firewalls in the AWS TGW deployment.

Aer creang Firewall Domain we have to launch Aviatrix FireNet Gateway.

This step leverages the Transit Network workflow to launch one Aviatrix gateway for FireNet deployment.

If you have HA enabled, it automatically sets up the HA gateway for FireNet deployment.

Specify Security Domain for Firewall Inspecon - if you wish to inspect traffic between on-prem to VPC,

connect Aviatrix Edge Domain to the Firewall Domain. This means on-prem traffic to any Spoke VPC is

routed to the firewall first and then it is forwarded to the destination Spoke VPC. Conversely, any Spoke

VPC traffic destined to on-prem is routed to the firewall first and then forwarded to on-prem.

Question 3

Question Type: MultipleChoice

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.

GCP Firewall Service, others not AWS Security Group does, others not

Options:

A- True

B- False

Answer:

A

Explanation:

FQDN -- Fully Qualified Domain Name.

Azure Firewall Applicaon Rule: Configure fully qualified domain names (FQDNs) that can be accessed from a subnet. In Azure, You can limit outbound HTTP/S traffic to a specified list of fully qualified domain names (FQDN) including wild cards.

AWS - You can use a third-party solution to implement highly available, secure FQDN Egress Filtering

service.

Question 4

Question Type: **MultipleChoice**

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

Options:

A- VCN Route Audit

B- BGP Route Approval

C- TGW Audit

D- TGW Orchestrator

Answer:

D

Explanation:

Dynamic Route Propagation Using Aviatrix Orchestrator is the only guaranteed way

to ensure your on-prem routes are properly propagated to Spoke VPCs. AWS Transit Gateway

propagates VPC CIDR and IPSEC VPN routes to the Transit Gateway route table. But the routes

are not propagated to the VPC route table. It is the account owner's responsibility to program

VPC route tables. Aviatrix Transit Gateway Orchestrator dynamically updates route entries in the

VPC route tables.

Question 5

You can peer AWS TGWS within a Region

Options:

A- False

B- True

Answer:

A

Explanation:

You can peer two transit gateways and route traffic between them, which includes IPv4 and IPv6 traffic. To do this, create a peering attachment on your transit gateway, and specify a transit gateway in another AWS Region. The peer transit gateway can be in your account or a different AWS account.

Question 6

Question Type: **MultipleChoice**

Azure Firewall (native services):

SELECT THE CORRECT ANSWER

Options:

A- Perform Load Balancing and SNAT automatically

B- Handles UDR updates and route propagation for all peered spoke VNETs

C- Is encrypting the traffic in transit

D- By default provides Malware protection, IDS (intrusion Detection) and IPS.....

Answer:

A

Explanation:

Azure Firewall includes the following features: Built-in high availability

* Availability Zones

* Unrestricted cloud scalability

* Application FQDN filtering rules

* Network traffic filtering rules

* FQDN tags

* Service tags

* Threat intelligence

* Outbound SNAT support

* Inbound DNAT support

* Multiple public IP addresses

* Azure Monitor logging

* Forced tunneling

* Certifications

Question 7

Question Type: MultipleChoice

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

SELECT THE CORRECT ANSWER

Options:

A- False

B- True

Answer:

A

Question 8

One difference between Microsoft ExpressRoute circuits as compared to other cloud provide.... options, is that ExpressRoute is always provisioned as a redundant pair with two physical Microsoft Enterprise Edge Routers (MSEE)?

SELECT THE CORRECT ANSWER

Options:

A- False

B- True

Answer:

B

Explanation:

Each Express Route connection includes two Microsoft Enterprise Edge and two-router

connections in between the connectivity provider and the local network perimeter. Microsoft ensures

there's a BGP connection between the connectivity and the edge of the on-premise network one each

allocated for the MSEE router. For the validation of the SLA, there must be a redundant layer 3

configured.

Question 9

Stateful Firewall rule:

SELECT THE CORRECT ANSWER

Options:

A- is another name of 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

Answer:

B

Question 10

Question Type: MultipleChoice

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

SELECT THE CORRECT ANSWERS

Options:

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

Answer:

B, D

Question 11

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

SELECT THE CORRECT ANSWER

Options:

A- False

B- True

Answer:

A

Explanation:

monitoring service that analyzes and processes the following Data sources.

Question 12

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

SELECT THE CORRECRT ANSWER

Options:

A- Virtual Network Gateway (VNG)

B- Azure Load Balancer

C- UDR

D- Palo Alto Firewall

Answer:

D

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