PaloAltoNetworks.ACE.v2022-07-14.q23

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NEW QUESTION: 1

Azure supports Availability Zones in all its regions.

A. True

B. False

Answer: ([SHOW ANSWER](#))

Azure does not supports Availability Zones in all its regions.

There are two types of regions in Azure

1. Recommended Region : A region that provides the broadest range of service capabilities and is designed to support Availability Zones now, or in the future. These are designated in the Azure portal as Recommended.

2. Alternate (other) Region: A region that extends Azure's footprint within a data residency boundary where a recommended region also exists. Alternate regions help to optimize latency and provide a second region for disaster recovery needs. They are not designed to support Availability Zones (although Azure conducts regular assessment of these regions to determine if they should become recommended regions). These are designated in the Azure portal as Other.

NEW QUESTION: 2

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

SELECT THE CORRECT ANSWER

A. Azure ExpressRoute

B. AWS Virtual Private Gateway (VGW)

C. AWS DirectConnect

D. AWS Transit Gateway

Answer: ([SHOW ANSWER](#))

(AWS Direct Connect virtual interfaces)

You must create one of the following virtual interfaces to begin using your AWS Direct Connect connection.

* Private virtual interface: A private virtual interface should be used to access an Amazon VPC using private IP addresses.
* Public virtual interface: A public virtual interface can access all AWS public services using public IP addresses.
* Transit virtual interface: A transit virtual interface should be used to access one or more Amazon VPC
* Transit Gateways associated with Direct Connect gateways. You can use transit virtual interfaces with 1/2/5/10 Gbps AWS Direct Connect connections. For information about Direct Connect gateway configurations, see Direct Connect gateways.

NEW QUESTION: 3
What is Aviatrix CoPilot?
A. A tool inside Aviatrix Controller to run RightPath 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 provides views based on Netflow data
D. A product that run analytics and machine learning against the architecture
Answer: ([SHOW ANSWER](#))
Aviatrix CoPilot provides a global operational view of your multi-cloud network. Enterprise IT teams use CoPilot's dynamic topology mapping to maintain an accurate topology of their global multi-cloud networks, FlowIQ to analyze global network traffic flows and global heat maps and time series trend charts to easily pinpoint and troubleshoot traffic anomalies. CoPilot leverages the intelligence and advanced network and security services delivered by Aviatrix's multi-cloud network platform to provide enterprise cloud network operations teams both familiar day-two operational features such as packet capture, trace route and ping and new operational capabilities specifically built for multi-cloud network environments.

NEW QUESTION: 4
You must create one of the following virtual interfaces to begin using your AWS Direct Connect connection.
1. Private virtual interface
2. Public virtual interface
3. Transit virtual interface
A. True
B. False
Answer: ([SHOW ANSWER](#))
(AWS Direct Connect virtual interfaces) You must create one of the following virtual interfaces to begin using your AWS Direct Connect connection.
* Private virtual interface: A private virtual interface should be used to access an Amazon VPC using private IP addresses.

* Public virtual interface: A public virtual interface can access all AWS public services using public IP addresses.

* Transit virtual interface: A transit virtual interface should be used to access one or more Amazon VPC Transit Gateways associated with Direct Connect gateways. You can use transit virtual interfaces with 1/2/5/10 Gbps AWS Direct Connect connections. For information about Direct Connect gateway configurations, see Direct Connect gateways.

NEW QUESTION: 5

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.

Feature		Description
Packet Capture	?	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.
Ping and Traceroute	?	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.
Export to Terraform	?	Ability to take live packet capture at any spoke VPC/VNet/VNC and also display it in Wireshark.
VPC Tracker	?	Ability to run basic troubleshooting tools from a simplified UI.

Answer:

Feature	Match	Description
Packet Capture	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.
Ping and Traceroute	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.
Export to Terraform	Packet Capture	Ability to take live packet capture at any spoke VPC/VNet/VNC and also display it in Wireshark.
VPC Tracker	Ping and Traceroute	Ability to run basic troubleshooting tools from a simplified UI.

NEW QUESTION: 6

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_____. SELECT THE CORRECT ANSWER

A. 1.25 Gbps

B. 10.25 Gbps

C. 5.25 Gbps

D. 525 Mbps

Answer: ([SHOW ANSWER](#))

To encrypt this connection, users have the option to create an IPSec Tunnel which limits the throughput to only 1.25Gbps. Standard IPSec encryption in the cloud, or from your data center to the cloud, is limited by a single core processing to 1.25 Gbps.

High Performance Encryption with InsaneMode - Aviatrix Insane mode is integrated into the Transit Network solution to provide 10Gbps performance between on-prem and Transit VPC with encryption. For VPC to VPC, Insane mode can achieve 25 - 30Gbps.

NEW QUESTION: 7

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

Answer: ([SHOW ANSWER](#))

Aviatrix PrivateS3 is a feature that allows you to leverage AWS Direct Connect to transfer objects and files between on-prem and S3 while giving you control of the S3 buckets by the ability to whitelist the S3 buckets.

NEW 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

Answer: ([SHOW ANSWER](#))

NAT capability supported on the gateway - An Aviatrix OpenVPN gateway performs a NAT function for the user's VPN traffic, effectively masking out the VPN client's virtual IP address assigned by gateway from the VPN CIDR Block. but here specifically AWS NAT Gateway is asked.

An Aviatrix OpenVPN is DUO multi-factor authentication supported.

LDAP/AD Integration Authenticates VPN user from Aviatrix gateways in addition to VPN certificate authentication.

NEW QUESTION: 9

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. Ture

B. False

Answer: ([SHOW ANSWER](#))

AWS Direct Connect is a private link into AWS regions that provides bandwidth. The service is not natively encrypted when initially deployed.

Express Route does not provide network traffic encryption for its circuits!

Google InterConnect NOT encrypted by default.

NEW QUESTION: 10

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

Answer: ([SHOW ANSWER](#))

Aviatrix software upgrade happens inline without taking down the controller.

In addition, gateway upgrades are hitless. That is, all gateway encrypted tunnels stay up during the upgrade process. There is no packet loss when upgrading the software.

NEW QUESTION: 11

Stateful Firewall rule:

SELECT THE CORRECT ANSWER

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: ([SHOW ANSWER](#))

NEW QUESTION: 12

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

SELECT THE CORRECRT ANSWER

A. UDR

B. Virtual Network Gateway (VNG)

C. Azure Load Balancer

D. Palo Alto Firewall

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13
What is a challenge of using ExpressRoute Edge Routers as transit to interconnect VNets in Azure?
A. Limited Control of routing propagation
B. BW limited by ExpressRoute Gateway SKU
C. Not recommended by Microsoft Product Group / not officially documented
D. All of the above
Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14
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
Answer: ([SHOW ANSWER](#))
Aviatrix software upgrade happens inline without taking down the controller.
In addition, gateway upgrades are hitless. That is, all gateway encrypted tunnels stay up during the upgrade process. There is no packet loss when upgrading the software.

NEW QUESTION: 15
Aviatrix Gateways support NAT capability in which public cloud?
A. All the the Public Cloud listed here in the options
B. AWS
C. Google Cloud
D. Microsoft Azure
Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 16
What is an Availability Zone?
Select THE CORRECT ANSWERS
A. A zone provided by Cloud Service Providers (CSP) that is available to multiple regions across the globe to de... availability needs
B. A technology developed for Multi Cloud for automatic moving of resources between DC and Cloud regions..

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 ...

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 17

Match the terminology to the appropriate Public Cloud provider.

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

Answer:

GuardDuty	VPC Global Routing
VPC Global Routing	GuardDuty
Virtual Network (VNet)	Virtual Network (VNet)

NEW QUESTION: 18

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

DRAG THE BOXES TO MATCH THE ANSWERS

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.

Answer:

DRAG THE BOXES TO MATCH THE ANSWERS

Using an NVA		?		Hairpinning through MSEE (Microsoft routers
				mechanisms deployed by customers
Hairpinning through MSEE (Microsoft Enterprise Edge) routers		?		Using an NVA
VNET Peering		?		VNET Peering
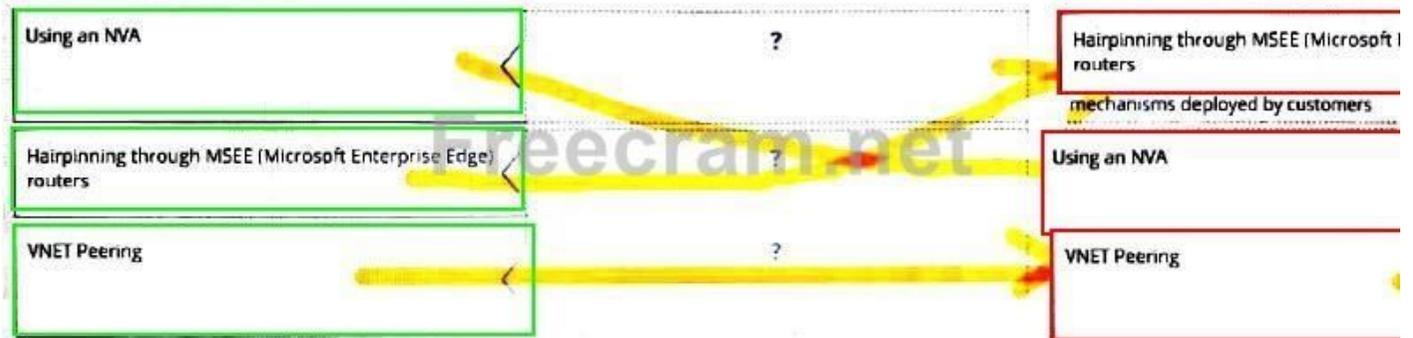
NEW QUESTION: 19
You can peer AWS TGWS within a Region
A. False
B. True
Answer: (SHOW ANSWER)
You can peer two transit gateways and route traffic between them, which includes IPv4 and IPv6 traffic. To do this, create a peering attachment on your transit gateway, and specify a transit gateway in another AWS Region. The peer transit gateway can be in your account or a different AWS account.

NEW QUESTION: 20
A. False
B. True
Answer: (SHOW ANSWER)

NEW QUESTION: 21
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 Active/Active deployment
B. Inability to use common troubleshooting tools like ping, traceroute
C. Only support UDP
D. 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
Answer: (SHOW ANSWER)

NEW QUESTION: 22
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. Netflow
B. FlightPath
C. FlightControl

D. Network Connectivity Test
Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 23
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
A. True
B. False
Answer: A ([LEAVE A REPLY](#))
FQDN - Fully Qualified Domain Name.
* Azure Firewall Applica on 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.