

Paloalto-Networks

Exam Questions SD-WAN-Engineer

Palo Alto Networks SD-WAN Engineer



NEW QUESTION 1

A network engineer is able to ping and traceroute from SD-WAN branch IP 192.168.1.123 to servers in primary data center – DC1, but is unable to ping or traceroute to a server 10.2.2.22 in the newly configured secondary data center, DC2.
The DC2 ION device is advertising the branch IP subnet 192.168.1.0/24 to the DC2 core via eBGP Core Peer. The DC2 data center site has site prefix 10.2.2.0/23 configured.
Which configuration will resolve the issue in this scenario?

- A. The default 0.0.0.0/0 static route to the DC2 ION pointing to the DC2 next hop.
- B. Reconfigure eBGP Core Peer to iBGP Core Peer.
- C. Reconfigure eBGP Core Peer as Edge Peer type.
- D. Remove site prefix 10.2.2.0/23 from DC2 site configuration.

Answer: A

NEW QUESTION 2

When defining a Path Quality Profile (SLA) for a "Transactional" application group (e.g., Citrix, Oracle), the administrator sets the "Packet Loss" threshold to 1%.
What happens to the traffic for this application if all active paths currently exceed this 1% loss threshold?

- A. The traffic is dropped to prevent data corruption.
- B. The system selects the best available path (lowest loss) among the active paths, even if it violates the profile.
- C. The traffic is queued indefinitely until a path recovers.
- D. The system automatically enables a Backup path, even if the Active paths are technically "Up" but degraded.

Answer: B

NEW QUESTION 3

Which configuration requirement must be met to allow two branch ION devices to automatically establish a direct Dynamic VPN (branch-to-branch) connection for traffic flow, bypassing the Data Center?

- A. Both ION devices must be members of the same VPN Cluster.
- B. A static "Gre Tunnel" must be manually configured between the two sites.
- C. The Data Center ION must be offline to trigger the dynamic failover.
- D. The "Standard VPN" path policy must be selected.

Answer: A

NEW QUESTION 4

What is the basis for calculating the minimum bandwidth subscription required for branch IONs?

- A. Maximum throughput supported by the ION hardware deployed at data center locations
- B. Amount of traffic which will traverse the SD-WAN secure fabric
- C. Maximum traffic (ingress and egress) passing through the ION device
- D. ISP circuit capacity at the branch location

Answer: C

NEW QUESTION 5

Which component of Prisma SD-WAN is responsible for distributing User-IP and user- group mappings to branch devices that match the corresponding source IPs?

- A. DC ION
- B. Cloud Identity Engine
- C. Controller
- D. NGFW

Answer: C

NEW QUESTION 6

A network engineer is troubleshooting a "Voice Quality" issue. They suspect that the DSCP markings are being stripped or altered by the ISP.
Which tool in the Prisma SD-WAN portal allows the engineer to capture live packets on the WAN interface and inspect the IP header ToS/DSCP field?

- A. Flow Browser
- B. Packet Capture (PCAP)
- C. Path Quality Monitor
- D. Event Logs

Answer: B

NEW QUESTION 7

By default, how many days will Prisma SD-WAN VPNs stay operational before the keys expire when an ION device loses connection with the controller?

- A. 1
- B. 3
- C. 5
- D. 7

Answer: B

NEW QUESTION 8

A multinational company is deploying Prisma SD-WAN across North America, Europe, and Asia. The data centers in the North America region have served all regions, but regional policies are now being enforced that mandate each of the regions to build their own data centers and branch sites to only connect to their respective regional data centers.

How can this regionalization be achieved so that new or existing branch sites only build tunnels to the regional DC IONs?

- A. Create a new cluster for each regional DC ION and move the sites from the existing cluster to the new cluster.
- B. Disable the auto-tunnel feature globally on the Prisma SD-WAN portal and manually create all necessary tunnels exclusively between IONs within their designated regions.
- C. Remove the circuit labels and apply new circuit labels for in-region circuits only.
- D. Assign WAN interfaces to distinct Virtual Routing and Forwarding (VRF) instances for each region on the DC IONs, ensuring that branches only connect to the WAN interfaces/VRFs designated for their region.

Answer: A

NEW QUESTION 9

An administrator has configured a Path Policy for "ERP_Traffic". The policy allows two public internet links, "ISP-A" and "ISP-B", both marked as "Active". The Path Quality Profile (SLA) requires a latency of less than 150ms. Currently, both ISP-A and ISP-B have a latency of 40ms, well within the SLA.

How does the Prisma SD-WAN ION determine which link to use for a new flow of "ERP_Traffic" when both active paths meet the SLA requirements?

- A. It selects the path with the lowest numerical latency (e.g., if ISP-A drops to 39ms).
- B. It selects the path with the highest available bandwidth capacity.
- C. It duplicates the packets across both paths (Packet Duplication) to ensure delivery.
- D. It selects the path that appears first in the interface configuration list.

Answer: B

NEW QUESTION 10

Which action meets the needs of an organization that requires elevated incident notifications for its headquarters location?

- A. Export syslog to an external syslog collector and mark all messages as ??Critical.??
- B. Implement performance policy specifically for the site with very aggressive service-level agreement (SLA) thresholds.
- C. Enable an event policy rule for the site with the action to set priority to the highest available level.
- D. Enable SNMPv3 trap notifications to an external network management system.

Answer: C

NEW QUESTION 10

Which statement is valid when integrating Prisma SD-WAN with Prisma Access remote networks?

- A. Security policies for remote networks are configured in Prisma Access and pushed to Prisma SD-WAN for enforcement on the branch ION devices.
- B. Easy onboarding automatically recommends the closest preconfigured remote network security processing nodes and can be overridden manually.
- C. A branch with multiple internet circuits will automatically connect to Prisma Access on each circuit and will be used in an active/standby manner for internet-bound traffic.
- D. Bandwidth must be allocated to each Prisma Access remote network compute location, and this bandwidth is shared between all branches that terminate on this remote network node.

Answer: D

NEW QUESTION 15

1000 branches are to be deployed on Prisma SD-WAN with the following constraints:

- ? Devices will be shipped in batches directly to the site
- ? Configuration Management Database (CMDB) has all the necessary details for a site deployment
- ? Field tech will be responsible for rack, stack, and cabling of the IONs at each site
- ? Field tech will need to spend minimum amount of time at each branch site to reduce the cost
- ? The NOC operates in shifts and is responsible for remote cutover support

Which method will achieve the mass deployment in shortest possible time?

- A. Connect the ION to the LAN switch to bring it online, configure the device using the legacy network, connect the ISP modem or cellular, and cutover the site once the ION is configured.
- B. Connect the device to the ISP modem or use cellular, use device shell to pre-create the configuration for a site, assign the device to the template when device is online, and connect the LAN switch to the ION.
- C. Use site templates and device shells to pre-create the configuration using CSV bulk upload, connect the device to the ISP modem or using cellular, assign the device to the template when device is online, and connect the LAN switch to the ION.
- D. Connect the device to the ISP modem or use cellular, use Prisma SD-WAN Software Development Kit (SDK) using API method for site deployment once the device is online, connect the LAN switch to the ION.

Answer: C

NEW QUESTION 16

What is the primary function of the "CloudBlade" platform in a Prisma SD-WAN deployment when integrating with third-party services or Prisma Access?

- A. It acts as a physical line card on the ION device to provide additional 10Gbps interfaces.
- B. It is a containerized application running on the ION device that performs Deep Packet Inspection (DPI).
- C. It is a cloud-based API integration layer that automates the configuration of the ION devices and the remote service.

D. It is a monitoring dashboard used exclusively for viewing flow records.

Answer: C

NEW QUESTION 17

What is the default behavior of the Zone-Based Firewall (ZBFW) for traffic originating from the ION device itself (e.g., DNS queries, NTP sync, or Controller connectivity) destined for the "Internet" zone?

- A. It is denied by the default "Deny All" rule unless explicitly allowed.
- B. It is allowed by the implicit "Self-Zone" allow rule.
- C. It is allowed only if the "Management" interface is used.
- D. It is inspected by the "Global" security stack but bypasses local rules.

Answer: B

NEW QUESTION 18

Which condition, when configured within a performance policy, is a trigger for generating an incident related to application performance or path degradation?

- A. Violation of defined service-level agreement (SLA) thresholds for application performance or link quality.
- B. Exceeding the configured threshold for total concurrent flows in the ION device, resulting in a `SYSTEM_CONCURRENT_FLOW_THRESHOLD_EXCEEDED` incident.
- C. Loss of a BGP peering session on a data center ION device, leading to potential routing instability.
- D. Physical WAN interface transitioning from an `up` to a `down` state, resulting in a `NETWORK_ANYNETLINK_DOWN` event.

Answer: A

NEW QUESTION 23

An administrator has configured a Zone-Based Firewall (ZBFW) policy on a branch ION. They created a rule to "Allow" traffic from the "Guest" zone to the "Internet" zone. However, users in the "Guest" zone are reporting they cannot reach a specific public website, and the Flow Browser shows the flow state as "REJECT".

What is the most likely reason for this specific rejection, assuming the "Allow" rule is correctly placed at the top of the list?

- A. The implicit default action at the bottom of the security policy is "Deny All".
- B. The "Allow" rule does not have the specific "Application" defined (it is set to Any), causing a mismatch.
- C. There is a "Deny" rule in the "Global" policy stack that is taking precedence over the "Local" site rule.
- D. The ION device does not support firewalling for HTTP traffic.

Answer: C

NEW QUESTION 28

For how many hours are Prisma SD-WAN VPN shared secrets valid?

- A. 1
- B. 8
- C. 24
- D. 72

Answer: C

NEW QUESTION 30

Which implementation allows Prisma SD-WAN to improve application performance for organizations facing inconsistent user experiences across branch locations, especially due to varying device types and network conditions, by using Layer 4 and Layer 7 optimization to boost throughput?

- A. Packet duplication
- B. WAN optimization
- C. Forward Error Correction (FEC)
- D. Application acceleration

Answer: D

NEW QUESTION 33

An administrator needs to generate a monthly report showing the "Top Applications" by bandwidth usage across all branch sites to justify a bandwidth upgrade. Which specific component of the Prisma SD-WAN interface is designed to create, schedule, and email these PDF summaries?

- A. Activity Charts
- B. Media Analytics
- C. Reports
- D. Flow Browser

Answer: C

NEW QUESTION 35

In which modes can a Prisma SD-WAN branch be deployed?

- A. Testing, Control, POV

- B. Production, Control, Disabled
- C. Disabled, Analytics, Control
- D. POV, Production, Analytics

Answer: C

NEW QUESTION 40

An administrator is configuring a BGP peer on a Data Center ION to learn routes from the core switch. The goal is to have the ION learn these prefixes and then advertise them to all remote branch sites across the SD-WAN overlay.

Which setting must be configured on the BGP Peer to ensure these learned routes are redistributed into the SD-WAN fabric?

- A. Set the "Admin Distance" to 20.
- B. Enable "Graceful Restart".
- C. Set the "Scope" to "Global".
- D. Configure a "Prefix List" to deny all.

Answer: C

NEW QUESTION 43

User-ID integration is configured for a Prisma SD-WAN deployment. Branch-1 has the user-to-IP mappings available, and User-1 is mapped to IP-1.

To which two use cases can User-ID based zone-based firewall policies be applied? (Choose two.)

- A. User-1 accessing a SaaS application on direct internet and source User-ID based zone- based firewall rules on Branch-1 ION
- B. User-1 accessing a private application within Branch-1, and source User-ID based zone- based firewall rules on Branch-1 ION
- C. User-1 accessing a private application in data center via SD-WAN overlay, and destination User-ID based zone-based firewall rules on DC ION
- D. User-1 accessing a private application in Branch-2 via SD-WAN overlay, and destination User-ID based zone-based firewall rules on Branch-2 ION

Answer: AB

NEW QUESTION 45

In a Prisma SD-WAN deployment, what is the defining characteristic of a "Standard VPN" compared to a "Secure Fabric Link"?

- A. Standard VPNs use GRE encapsulation, while Secure Fabric Links use VXLAN.
- B. Standard VPNs are automatically built between ION devices, while Secure Fabric Links require manual configuration.
- C. Standard VPNs are manually configured IPSec tunnels to non-ION endpoints, while Secure Fabric Links are automated tunnels between ION devices.
- D. Standard VPNs support BGP, whereas Secure Fabric Links only support static routing.

Answer: C

NEW QUESTION 47

A branch manager reports slow network performance, and the network administrator wants to use Prisma SD-WAN Copilot to quickly identify if a specific user, by source IP address, is consuming excessive bandwidth as well as which applications are contributing to this consumption. How can Copilot assist in this investigation?

- A. It will automatically generate and email a ??User Bandwidth Consumption?? report for the specified branch, which the administrator can use to find the top user and the application details.
- B. It can identify the top applications being used across the entire branch and can be correlated with Flow Browser to attribute specific application usage or total bandwidth consumption to individual source IPs.
- C. It can directly process a natural language query such as ??Show top bandwidth source IPs at SD-WAN Branch X over last 3 hours,?? provide summarized views of the top- consuming source IPs, and view the primary applications they are using.
- D. It will redirect the administrator to the WAN Clarity ??Top N: Source IPs?? report and the ??Flow Browser?? utility, suggesting correlation between these tools to determine a user??s specific application usage.

Answer: C

NEW QUESTION 52

What is the purpose of Secure Group Tag (SGT) propagation in Prisma SD-WAN?

- A. To integrate with external identity-based security solutions
- B. To manage QoS policies for traffic based on user and application type
- C. To clarify the intent of rules or configuration objects and improve rule organization
- D. To enable or disable SGT settings at the interface level and initiate services like NTP, DHCP, and App Probes

Answer: A

NEW QUESTION 55

While designing a greenfield Prisma SD-WAN solution for a retailer, the risk management group requires segmentation of the retail network to avoid one large fault domain.

The following data points are provided:

- ? Two data centers and all sites need to access applications in both data centers
- ? 1000 retail branches with stores concentrated in multiple metropolitan areas
- ? Data Center 1 and Data Center 2 have different sets of applications that are not replicated
- ? Maintaining application availability is the primary goal

Which action will segment the retail network and reduce regional outages?

- A. Implement a single, large data center cluster spanning both data centers to centralize management and optimize resource use.
- B. Create more than one data center cluster for a larger pool of resources and resiliency.

- C. Create more than one data center cluster in each data center and assign sites to clusters so nearby retail locations can be spread on separate clusters.
- D. Add more data center aggregation devices within the same cluster to enhance the scalability and resilience.

Answer: C

NEW QUESTION 60

When configuring SASE connectivity with easy onboarding at a branch, which two options must be selected? (Choose two.)

- A. IPSec Crypto Profile
- B. Prisma Access Primary Location
- C. Prisma Access IKE Profile
- D. IPSec Termination Node

Answer: BD

NEW QUESTION 63

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