



Paloalto-Networks

Exam Questions SD-WAN-Engineer

Palo Alto Networks SD-WAN Engineer

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NEW QUESTION 1

A site has two internet circuits: Circuit A with 500 Mbps capacity and Circuit B with 100 Mbps capacity.

Which path policy configuration will ensure traffic is automatically shifted from a saturated circuit to the circuit with available bandwidth?

- A. Circuit A as an active, Circuit B as a backup
- B. Circuit B as an active, Circuit A as a backup
- C. Both circuits under active path
- D. Circuit B as an L3 failure path

Answer: C

NEW QUESTION 2

An administrator is configuring an ION 2000 device for a deployment where high availability is required, but the site has only a single internet circuit. The administrator configures a Bypass Pair (Fail-to-Wire) on ports 1 and 2 connecting the ISP modem to the legacy firewall.

If the ION device loses power, what is the resulting behavior of the traffic flowing through this Bypass Pair?

- A. Traffic is blocked to prevent uninspected packets from entering the network (Fail-to- Block).
- B. The internal relay closes, physically bridging Port 1 and Port 2, allowing traffic to flow transparently between the modem and firewall.
- C. The device reboots into "Safe Mode" and acts as a Layer 2 switch.
- D. Traffic is rerouted to the LTE modem automatically.

Answer: B

NEW QUESTION 3

When identifying devices for IoT classification purposes, which two methods does Prisma SD-WAN use to discover devices that are not directly connected to the branch ION? (Choose two.)

- A. LLDP
- B. CDP
- C. SNMP
- D. Syslog

Answer: CD

NEW QUESTION 4

How can a network administrator detect a site outage or a service-level agreement (SLA) violation using controller-generated incidents?

- A. Incidents, SNMP traps, and audits
- B. Device logs, alerts, and incidents
- C. Incidents, alerts, statistics, and audit logs
- D. Priority alerts, informational alerts, and audit logs

Answer: C

NEW QUESTION 5

A network engineer is troubleshooting an ION device that is showing as "Offline" in the Prisma SD-WAN portal, despite the site reporting that local internet access is working. The engineer has console access to the device.

Which CLI command should be used to specifically validate the device's ability to resolve the controller's hostname and establish a secure connection to it over a specific interface?

- A. ping <controller-ip>
- B. debug controller reachability <interface>
- C. show system connectivity
- D. dump vpn summary

Answer: B

NEW QUESTION 6

What does Prisma SD-WAN use for monitoring and operations to deliver flow data and application visibility?

- A. ADEM
- B. IPFIX
- C. SNMPv3
- D. IP SLA

Answer: B

NEW QUESTION 7

Where is route leaking configured between VRFs?

- A. VRF definition
- B. BGP peer
- C. Site configuration
- D. VRF profile

Answer: D

NEW QUESTION 8

A remote branch site is reporting intermittent connectivity to the Data Center. The administrator checks the System > Alarms page and sees a "VPN_DOWN" alarm for the tunnel to the DC. However, the internet circuit status is "Up".

Which specific log file or diagnostic tool in the Prisma SD-WAN portal would provide the IKE (Internet Key Exchange) error codes (e.g., "NO_PROPOSAL_CHOSEN" or "AUTH_FAILED") to pinpoint the cause of the tunnel failure?

- A. Flow Browser
- B. Event Logs > System
- C. Site Summary > Topology
- D. Link Quality Graphs

Answer: B

NEW QUESTION 9

In a Data Center deployment, what is the key functional difference between configuring a BGP neighbor as a "Core Peer" versus an "Edge Peer"?

- A. A Core Peer is used for LAN-side routing to learn DC prefixes, while an Edge Peer is used for WAN-side routing to the Service Provider.
- B. A Core Peer automatically redistributes learned routes into the SD-WAN fabric, whereas an Edge Peer does not.
- C. A Core Peer supports eBGP only, while an Edge Peer supports iBGP only.
- D. A Core Peer is used for connecting to the internet, while an Edge Peer connects to the MPLS provider.

Answer: A

NEW QUESTION 10

An organization has created a custom internal application definition for "Inventory_App" on the Prisma SD-WAN controller based on its destination IP address and port (L3/L4 rule). The application server IP has just changed.

After updating the custom application definition on the controller, how is this change propagated to the branch ION devices?

- A. The administrator must manually "Push" the policy to all sites.
- B. The administrator must reboot the ION devices for the new object to load.
- C. The controller automatically pushes the updated Application Definition (App-Def) to all ION devices immediately.
- D. The change will only take effect after the daily "App-ID" scheduled update.

Answer: C

NEW QUESTION 10

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 14

An administrator is configuring a High Availability (HA) pair of ION 3000 devices at a Data Center.

Which statement accurately describes the requirement for the HA Control Interface connection between the two devices?

- A. The HA Control interface must be connected via a Layer 3 routed network to ensure reachability across different subnets.
- B. The HA Control interface must be a direct physical connection or a Layer 2 adjacent connection on a dedicated VLAN, with no routing between them.
- C. The HA Control connection is optional if both devices are managed by the same Cloud Controller.
- D. The HA Control interface uses the management port and must be connected to the internet.

Answer: B

NEW QUESTION 15

When using the CloudBlade to integrate Prisma SD-WAN with Prisma Access, how does the system ensure that the IPSec tunnels between the branch ION and the Prisma Access Security Processing Node (SPN) are kept alive during periods of no user traffic?

- A. The administrator must configure a continuous ping script on a branch PC.
- B. The CloudBlade automatically configures the ION to send Synthetic Probes (ICMP/HTTP) across the tunnel.
- C. The IPSec tunnel uses standard DPD (Dead Peer Detection) and the ION sends keepalives.
- D. Prisma Access initiates the connection to the branch every 60 seconds.

Answer: C

NEW QUESTION 19

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 22

Full discovery and classification of IoT devices by the IoT Security service is failing. Which Prisma SD-WAN ION device configuration will cause this behavior?

- A. The ION devices are missing DHCP Configuratio
- B. If ION devices are not explicitly configured as either a DHCP relay agent or a DHCP server, DHCP traffic logs will not be sent to the Strata Logging Service, resulting in incomplete device profiles for IoT Security.
- C. The Prisma SD-WAN ION devices lack properly configured or enabled Service Health Probes specifically targeting the IoT device subnet
- D. Without these active probes, the system cannot gather critical real-time reachability and performance metrics essential for dynamic device profiling and classification.
- E. The Syslog export configuration on the ION devices to the Strata Logging Service has filters that are too restrictive, potentially excluding logs vital for IoT Security??s device identification and classification engine
- F. This prevents comprehensive event data, including device discovery messages, from reaching the portal.
- G. The ION devices are not configured to explicitly enable and export IPFIX flow records, especially those containing Layer 2 and Layer 7 context, to the Strata Logging Service for IoT Security
- H. While ARP data is sent by default, comprehensive device classification relies on these detailed flow records, which are not being captured.

Answer: A

NEW QUESTION 23

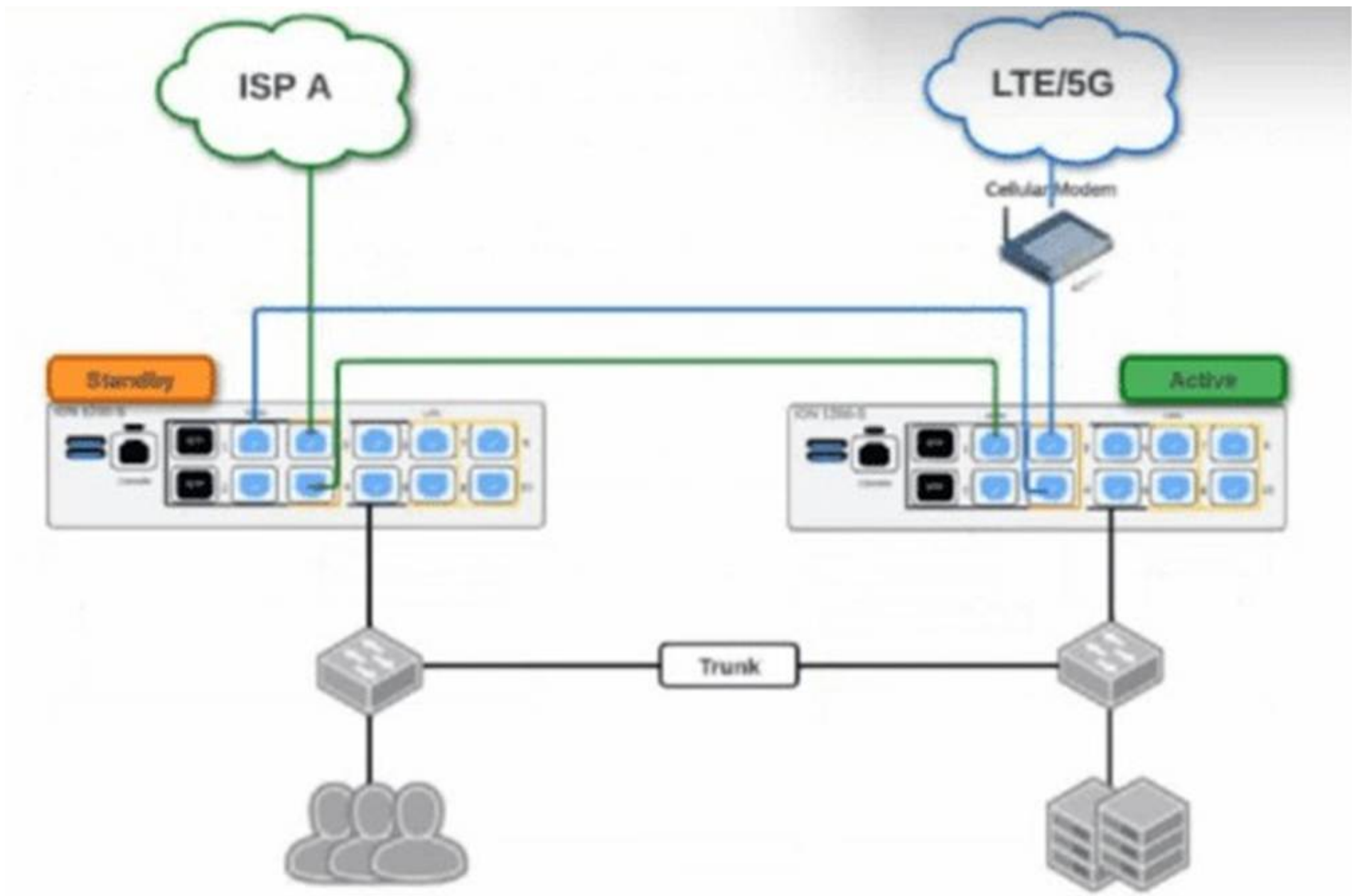
BGP core peers on data center IONs are learning only a default route from the core router. Which action will protect the SD-WAN network from getting isolated in the event of BGP misconfiguration on the core routers?

- A. Enable BGP Bidirectional Forwarding Detection (BFD) on the core peer sessions to rapidly detect BGP neighbor failures.
- B. Configure BGP max-prefix limits on the ION devices to prevent them from accepting too many routes from the core routers.
- C. Add a static default route with higher admin distance pointing to the core peer IPs.
- D. Implement BGP route filtering using prefix lists and route maps on the ION devices to only accept specific, known prefixes from the core.1

Answer: C

NEW QUESTION 28

Based on the HA topology image below, which two statements describe the end-state when power is removed from the ION 1200-S labeled ??Active??, assuming that the ION labeled ??Standby?? becomes the active ION? (Choose two.)



- A. Both the connection to ISP A and the connection to LTE/5G will be usable.
- B. The VRRP Virtual IP address assigned to any SVIs will be moved to the newly active ION.
- C. The newly active ION will send a gratuitous ARP to the LAN for the IP address of any SVIs.
- D. The connection to ISP A will be usable, but the connection to LTE/5G will not.

Answer: AC

NEW QUESTION 31

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 36

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 37

A network administrator notices that a branch ION device is experiencing high CPU utilization due to a suspected TCP SYN Flood attack originating from a compromised host on the local LAN.

Which specific security feature should be configured and applied to the "LAN" zone to mitigate this Denial of Service (DoS) attack?

- A. Zone-Based Firewall (ZBFW) Rule with a "Deny" action
- B. Zone Protection Profile
- C. Application Quality Profile (AQP)
- D. Access Control List (ACL) on the WAN interface

Answer: B

NEW QUESTION 39

Which metrics can be monitored at the individual Prisma SD-WAN ION device level to assess its health and operational performance?

- A. Device software version and interface bandwidth
- B. Device CPU, memory and disk use, interface bandwidth, and errors/discards
- C. Device VPN tunnels and controller reachability status
- D. Device application flow statistics, Autonomous Digital Experience Manager (ADEM) metrics, and site health score

Answer: B

NEW QUESTION 43

What is the number and structure of Prisma SD-WAN QoS queues supported per WAN interface?

- A. 12 queues4 classes13 application criteria within each class
- B. 16 queues4 classes4 application criteria with each class
- C. 8 queues1 priority queue7 non-priority queues
- D. 8 queues2 classes4 application criteria within each class

Answer: B

NEW QUESTION 48

When deploying a branch gateway, secure fabric VPN tunnels are automatically established between which two site types? (Choose two.)

- A. Branch to branch gateway (same domain)
- B. Branch gateway to data center
- C. Branch gateway to branch gateway
- D. Branch to branch gateway (different domain)

Answer: BC

NEW QUESTION 52

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