



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

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

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 5

Network segmentation is required due to overlapping IP address space and M&A scenarios. Which Prisma SD-WAN feature will achieve the desired segmentation and end-to-end connectivity in this use case?

- A. Virtual Routing and Forwarding (VRF) profiles with proper site bindings to achieve desired isolation across the underlay
- B. Virtual Routing and Forwarding (VRF) profiles with proper site bindings to achieve desired isolation locally and across the secure fabric
- C. Multiple contexts with interface segmentation to achieve desired isolation across the underlay
- D. Multiple virtual routers with interface segmentation to achieve desired isolation across the secure fabric

Answer: B

NEW QUESTION 6

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 7

A customer wants to deploy Prisma SD-WAN ION devices at small home offices that use consumer-grade broadband routers. These routers typically use Symmetric NAT and do not allow static port forwarding.

Which standard mechanism does Prisma SD-WAN utilize to successfully establish direct Branch-to-Branch (Dynamic) VPN tunnels through these Symmetric NAT devices?

- A. UPnP (Universal Plug and Play)
- B. STUN (Session Traversal Utilities for NAT)
- C. Manual GRE Tunnels
- D. SSL VPN encapsulation

Answer: B

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

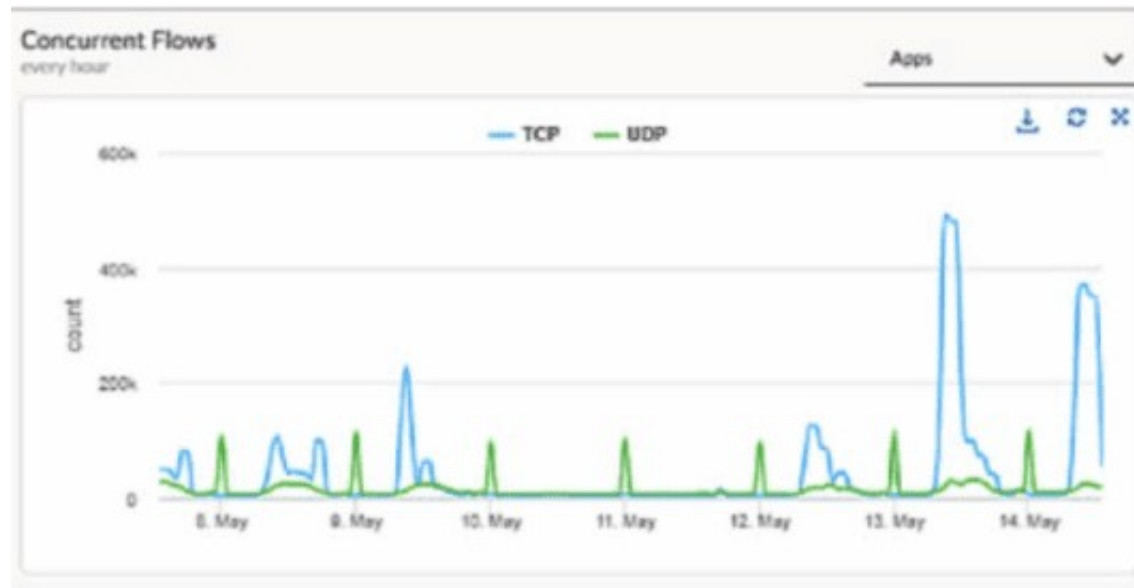
Which troubleshooting action should be taken when resources at one branch site can reach the internet but cannot be reached from the data center (DC)?

- A. Create static route with DC ION as a next hop.
- B. Ensure the LAN branch prefixes are set to ??global.??
- C. Set the site in a control mode.
- D. Admin up the Prisma SD-WAN DC endpoints.

Answer: B

NEW QUESTION 10

The UI triggers incident DEVICESW_CONCURRENT_FLOWLIMIT_EXCEEDED for a branch site. Based in the image below, which tool can be used to identify the host?



- A. Run tcpdump under the LAN interface
- B. Monitor Activity Flows
- C. Monitor Activity New flows
- D. Monitor Activity Transaction Stats

Answer: B

NEW QUESTION 10

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 11

When an ION device has been claimed, the cloud-based controller generates and communicates with the device by which method?

- A. Manufacturer Installed Certificate (MIC)
- B. Existing customer public key infrastructure (KPI)
- C. Self-signed certificate

D. Customer Installed Certificate (CIC)

Answer: A

NEW QUESTION 13

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 17

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 21

A network design mandates segmentation at the routing level and traffic isolation across various services, such as teller cash registers, ATM traffic, guest Wi-Fi, and corporate applications. Which command can be used to validate and display the Virtual Routing and Forwarding (VRF) route leak rules?

- A. show interface vrf route_leak_rule all
- B. dump vrf route_leak_rule
- C. inspect flow_browser vrf all
- D. inspect vrf route_leak_rule all

Answer: D

NEW QUESTION 22

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 23

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 27

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 29

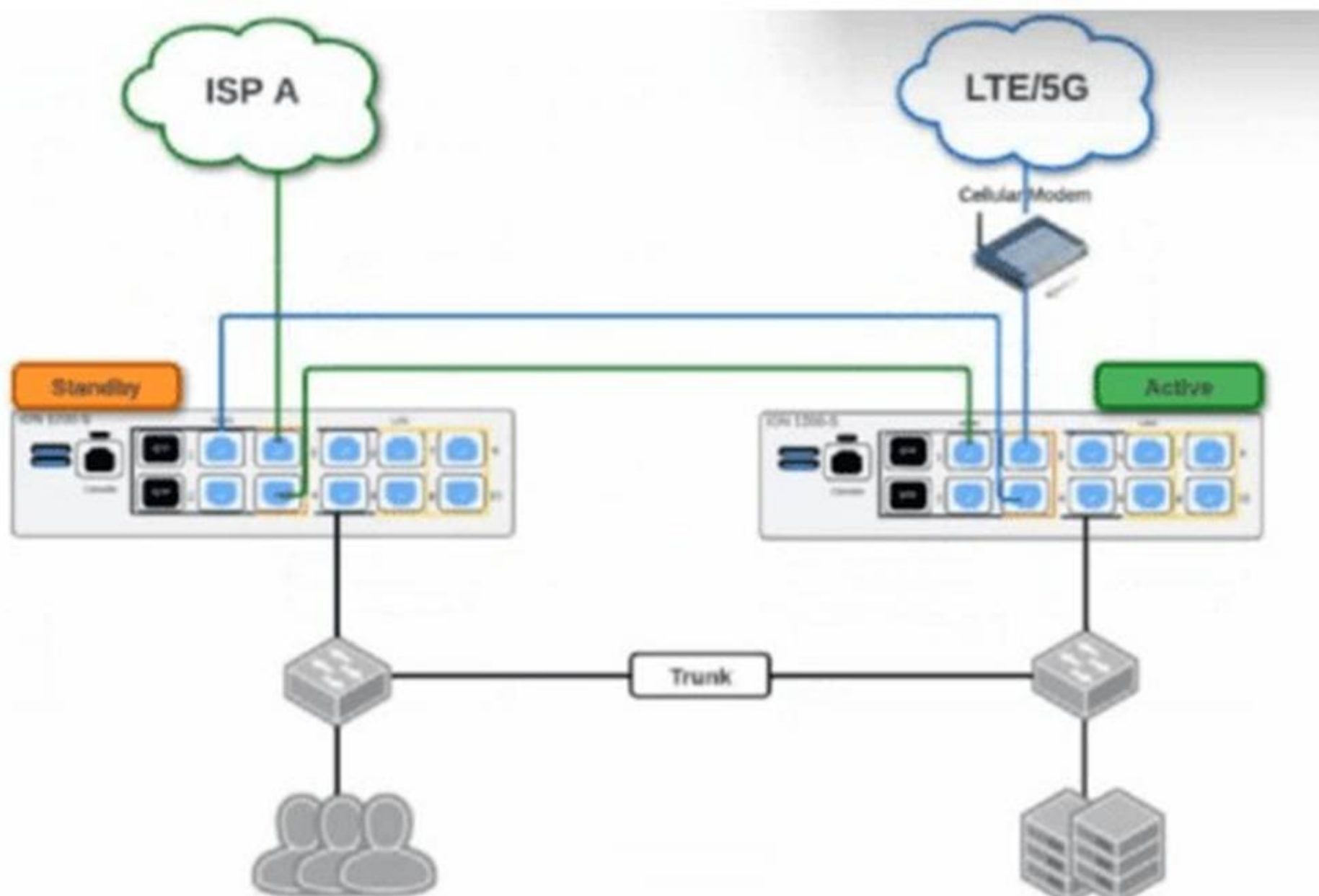
Full discovery and classification of IoT devices by the IoT Security service is failing. Which Prisma SD-WAN ION device configuration will cause this behavior?

- 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 32

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 33

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

- A. 1
- B. 8

C. 24
D. 72

Answer: C

NEW QUESTION 35

Return traffic for an application from the branch is being dropped on the branch ION. Application traffic arrives via SD-WAN internet overlay at the branch, and path policy for the application at the branch has the following settings:

Active = MPLS Overlay

Backup = Prisma Access on internet

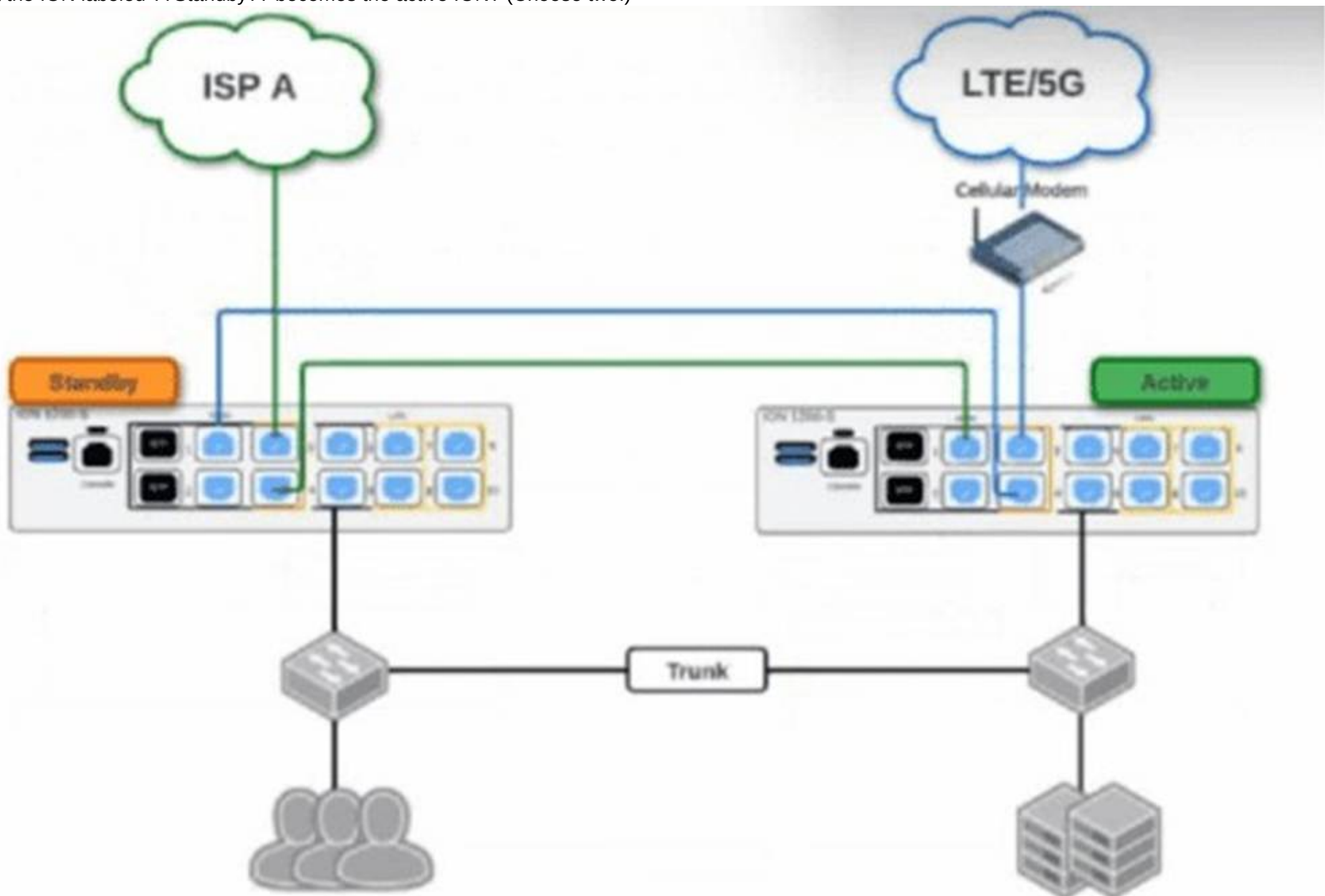
Which branch configuration is the probable cause of this behavior?

- A. It has Prisma Access tunnel over MPLS circuit but not on the internet circuit.
- B. It has one MPLS and one internet circuit.
- C. It has two internet circuits and no MPLS circuit.
- D. It has no MPLS circuit, and the Prisma Access tunnel is down.

Answer: C

NEW QUESTION 37

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 41

A network installer is at a remote branch site to deploy a new ION 3000 device. The device has been racked, cabled to the internet, and powered on. The installer has the "Claim Code" displayed on the email sent by the administrator.

When the administrator enters this Claim Code into the Prisma SD-WAN portal, what is the immediate status of the device before the configuration is fully pushed?

- A. Online
- B. Claimed
- C. Provisioned
- D. Active

Answer: B

NEW QUESTION 42

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 43

Which component of the Prisma SD-WAN solution is responsible for the deep application identification (App-ID) and the generation of flow metrics (Network Transfer Time, Server Response Time) at the branch?

- A. The CloudBlade container
- B. The Prisma SD-WAN Controller
- C. The ION Device Data Plane
- D. The API Gateway

Answer: C

NEW QUESTION 45

A network installer is attempting to claim a new ION device using the "Claim Code" method. The device is connected to the internet, but the status in the portal remains stuck at "Claimed" and does not transition to "Online". The installer connects a laptop to the LAN port of the ION and can successfully browse the internet, confirming the uplink is active.

What is the most likely cause of the device failing to reach the "Online" state?

- A. The device is missing the "Site" assignment in the portal.
- B. The upstream firewall is blocking outbound TCP port 443 or UDP port 123 (NTP).
- C. The device has not yet downloaded the latest software image.
- D. The "Circuit Label" has not been applied to the WAN interface.

Answer: B

NEW QUESTION 48

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 50

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 55

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 57

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 59

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