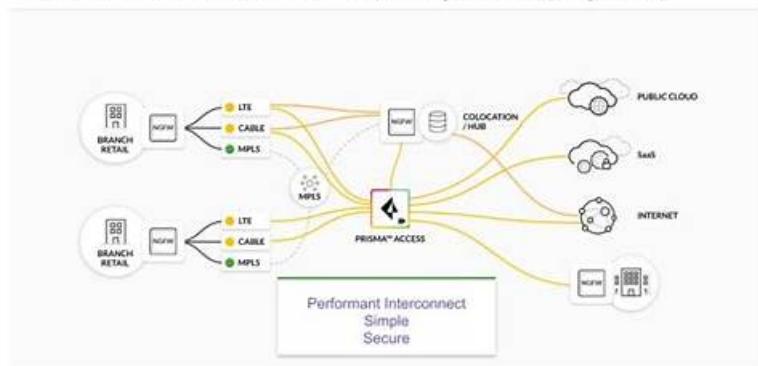


# Palo Alto Networks SD-WAN-Engineer 인증덤프 샘플체험, SD-WAN-Engineer 최신버전덤프문제

## End-to-End Secure SD-WAN Hybrid deployment



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## Palo Alto Networks SD-WAN-Engineer 시험요강:

주제	소개
주제 1	<ul style="list-style-type: none"><li>Unified SASE: This domain covers Prisma SD-WAN integration with Prisma Access, ADEM configuration, IoT connectivity via Device-ID, Cloud Identity Engine integration, and User Group-based policy implementation.</li></ul>
주제 2	<ul style="list-style-type: none"><li>Operations and Monitoring: This domain addresses monitoring device statistics, controller events, alerts, WAN Clarity reports, real-time network visibility tools, and SASE-related event management.</li></ul>
주제 3	<ul style="list-style-type: none"><li>Planning and Design: This domain covers SD-WAN planning fundamentals including device selection, bandwidth and licensing planning, network assessment, data center and branch configurations, security requirements, high availability, and policy design for path, security, QoS, performance, and NAT.</li></ul>
주제 4	<ul style="list-style-type: none"><li>Troubleshooting: This domain focuses on resolving connectivity, routing, forwarding, application performance, and policy issues using co-pilot data analysis and analytics for network optimization and reporting.</li></ul>
주제 5	<ul style="list-style-type: none"><li>Deployment and Configuration: This domain focuses on Prisma SD-WAN deployment procedures, site-specific settings, configuration templates for different locations, routing protocol tuning, and VRF implementation for network segmentation.</li></ul>

>> Palo Alto Networks SD-WAN-Engineer 인증덤프 샘플체험 <<

## SD-WAN-Engineer 인증덤프 샘플체험 인증 시험덤프데모

아직도 Palo Alto Networks SD-WAN-Engineer 인증시험을 어떻게 패스할지 고민하시고 계십니까? ITDumpsKR는 여러분이 Palo Alto Networks SD-WAN-Engineer 덤프자료로 Palo Alto Networks SD-WAN-Engineer 인증시험에 응시하여 안전하게 자격증을 취득할 수 있도록 도와드립니다. Palo Alto Networks SD-WAN-Engineer 시험가이드를 사용해보지 않으실래요? ITDumpsKR는 여러분께 Palo Alto Networks SD-WAN-Engineer 시험패스의 편리를 드릴 수 있다고 굳게 믿고 있습니다.

## 최신 Network Security Administrator SD-WAN-Engineer 무료샘플문제 (Q42-Q47):

### 질문 # 42

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

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

정답: C

#### 설명:

Comprehensive and Detailed Explanation

Prisma SD-WAN (formerly CloudGenix) defines three distinct Operational Modes for a branch site, which determine how the ION device processes traffic and interacts with the network.

Analytics Mode (Monitor): In this mode, the ION device is typically deployed inline or in a "promiscuous" monitor state to gain visibility into network traffic without actively enforcing path selection policies.<sup>1</sup> It "learns" applications, bandwidth usage, and network characteristics (auditing) but does not steer traffic or block flows.<sup>2</sup> This is often used during Proof of Concepts (POVs) or the initial "burn-in" phase of a deployment to generate reports without risking network disruption.

Control Mode: This is the full production state. In Control Mode, the ION device actively enforces Path Policies, QoS Policies, and Security Policies. It builds Secure Fabric VPN tunnels, steers traffic based on application SLAs (e.g., sending voice over MPLS and bulk data over Broadband), and handles failover events.<sup>3</sup> This is the required mode for a fully functional SD-WAN site.

Disabled Mode: This mode effectively shuts down the site's SD-WAN functionality from the controller's perspective. It is an administrative state used when a site is being decommissioned, provisioned but not yet live, or isolated for troubleshooting. In this state, the device does not participate in the fabric.

### 질문 # 43

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

정답: D

#### 설명:

Comprehensive and Detailed Explanation

The CLI command debug controller reachability <interface> (e.g., debug controller reachability 1) is the specific diagnostic tool designed to verify the entire connectivity chain required for management plane availability.

Unlike a simple ICMP ping (Option A), which only tests Layer 3 connectivity to an IP address, the debug controller reachability command performs a sequential set of tests:

DNS Resolution: It attempts to resolve the specific Locator service URL (locator.cgnx.net or region-specific FQDN) to verify DNS functionality.

TCP Connectivity: It tests the ability to establish a TCP connection to the controller on port 443 (HTTPS).

SSL/TLS Handshake: It validates that the device can successfully negotiate the secure tunnel required for authentication.

If this command fails at the DNS step, the issue is likely a missing DNS server in the interface config. If it fails at the TCP step, it implies an upstream firewall is blocking outbound port 443. This targeted output allows the engineer to pinpoint exactly why the device is offline in the portal.

### 질문 # 44

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

정답: D

설명:

Comprehensive and Detailed Explanation

In Prisma SD-WAN (CloudGenix), Path Policies control how application traffic is steered across WAN links. To ensure that traffic is automatically shifted from a saturated circuit to another circuit with available bandwidth, both circuits must be configured as Active Paths within the policy rule.

When multiple paths are designated as "Active," the ION device treats them as a shared pool of available resources. The system continuously monitors the bandwidth utilization (capacity) and health (latency, jitter, loss) of all active links. If "Circuit A" (500 Mbps) becomes saturated or approaches its defined bandwidth limit, the ION's intelligent scheduler will automatically direct new application flows to "Circuit B" (100 Mbps) because it is a valid, healthy Active path with available capacity. This achieves effective load balancing and bandwidth aggregation.

In contrast, configuring "Circuit B" as a Backup Path (Option A or B) creates a strict priority relationship. Traffic would only move to the Backup path if the Active path completely failed or violated its configured SLA (Path Quality Profile) significantly enough to be considered "down." Mere bandwidth saturation might not trigger an SLA failure immediately, potentially leading to dropped packets on the saturated link while the backup link remains idle. Therefore, placing Both circuits under active path is the correct configuration for dynamic capacity management.

질문 # 45

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

정답: C

설명:

Comprehensive and Detailed Explanation

To diagnose specific VPN negotiation failures (Phase 1 or Phase 2 IPSec issues), the Event Logs (specifically filtered for System or VPN events) are the correct resource.

Event Logs: This section records the control plane signaling messages. If a VPN tunnel fails to establish, the Event Log will generate an entry containing the specific IKE failure reason sent by the peer or generated locally. Common errors found here include INVALID\_COOKIE, NO\_PROPOSAL\_CHOSEN (mismatch in encryption algorithms), or PRE\_SHARED\_KEY\_MISMATCH.

Flow Browser (A): This shows user traffic (TCP/UDP sessions). If the VPN is down, user traffic won't even enter the tunnel, so the Flow Browser will just show dropped flows or blackholes, but it won't explain why the tunnel itself is broken.

Link Quality (D): This shows latency/loss graphs for established tunnels. It cannot diagnose why a tunnel failed to form in the first place.

질문 # 46

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 supports eBGP only, while an Edge Peer supports iBGP only.
- C. A Core Peer is used for connecting to the internet, while an Edge Peer connects to the MPLS provider.

- D. A Core Peer automatically redistributes learned routes into the SD-WAN fabric, whereas an Edge Peer does not.

**정답: A**

**설명:**

Comprehensive and Detailed Explanation

In the Prisma SD-WAN Data Center (DC) model, the terminology for BGP peers defines their role in the topology and how the system generates route maps.

**Core Peer:** This peer type is designated for the LAN-side connection (facing the DC Core Switch or internal Routers). Its primary purpose is to learn the subnets/prefixes hosted in the data center so the ION can advertise them to the remote branches. The system automatically creates route maps to facilitate this redistribution into the fabric.

**Edge Peer:** This peer type is designated for the WAN-side connection (facing the Edge Router or MPLS PE). Its primary purpose is to provide reachability to the underlay network.

**Distinction:** Selecting the correct type affects the default Route Maps and Prefix Lists generated by the controller. Configuring a Core Peer correctly ensures that the DC's internal subnets are properly learned and propagated to the overlay, whereas an Edge Peer configuration focuses on WAN next-hop reachability.

## 질문 # 47

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