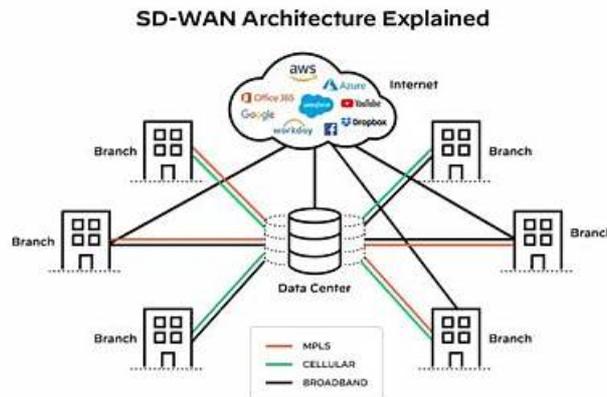


SD-WAN-Engineer復習内容を使用して - Palo Alto Networks SD-WAN Engineerに別れを告げる



Palo Alto NetworksのSD-WAN-Engineerの初心者なので、悩んでいますか？ Fast2testは君の困難を解決できます。Fast2testの学習教材はいろいろな狙いを含まれていますし、カバー率が高いですから、初心者にしても簡単に身に付けられます。それを利用したら、君はPalo Alto NetworksのSD-WAN-Engineer試験に合格する鍵を持つことができますし、今までも持っていない自信を持つこともできます。まだ何を待っているのでしょうか？

Palo Alto Networks SD-WAN-Engineer 認定試験の出題範囲：

トピック	出題範囲
トピック 1	<ul style="list-style-type: none"> 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.
トピック 2	<ul style="list-style-type: none"> 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.
トピック 3	<ul style="list-style-type: none"> 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.
トピック 4	<ul style="list-style-type: none"> 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.
トピック 5	<ul style="list-style-type: none"> 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.

>> SD-WAN-Engineer復習内容 <<

SD-WAN-Engineer関連復習問題集 & SD-WAN-Engineer関連日本語版問題集

現代の競争が激しくても、受験者がSD-WAN-Engineer参考書に対するニーズを止めることができません。SD-WAN-Engineer参考書についてもっと具体的な情報を得るために、Fast2test会社のウェブサイトを訪ねていただきます。そうすれば、実際のSD-WAN-Engineer試験についての情報と特徴を得ることができます。興味を持つお客様はPalo Alto Networks会社のウェブサイトから無料でデモをダウンロードできます。

Palo Alto Networks SD-WAN Engineer 認定 SD-WAN-Engineer 試験問題 (Q38-Q43):

質問 # 38

What are two requirements for implementing user/group-based path policies? (Choose two.)

- A. Autonomous Digital Experience Manager (ADEM)
- B. Cloud Identity Engine
- C. Data center ION
- D. Internal host detection

正解: B、C

解説:

Comprehensive and Detailed Explanation

To implement User/Group-based policies (Path, QoS, or Security) in Prisma SD-WAN, the system requires two specific components to resolve user identities and map them to IP addresses within the fabric.

Cloud Identity Engine (CIE): This is the primary requirement for identity management. The Cloud Identity Engine connects the Prisma SD-WAN controller to your directory service (e.g., Active Directory, Azure AD/Entra ID). It allows the system to retrieve and resolve User and Group attributes (e.g., "Marketing Group," "User: john.doe") so they can be selected in policy rules. Without CIE, the controller cannot interpret the group names or user identities defined in the policies.

Data Center ION: In the standard deployment model for User-ID, a Data Center (DC) ION is required to act as the bridge or collector for IP-to-User mappings. The DC ION connects to the User-ID Agent (running on a PAN-OS firewall or Windows Server) to learn the mapping of IP addresses to usernames. It then redistributes this information to the controller or other branch IONs so they can identify which user is associated with the traffic flows originating from a specific private IP address.

質問 # 39

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

正解: A、B

解説:

Comprehensive and Detailed Explanation

In Prisma SD-WAN (CloudGenix), Zone-Based Firewall (ZBFW) policies rely on the device's ability to map an IP address to a User-ID to enforce identity-based rules. The key to this question is understanding where the mapping exists and which direction the policy attributes (Source User vs. Destination User) apply to.

1. Mapping Location (Branch-1): The prompt states that Branch-1 has the user-to-IP mapping for User-1. For the most effective and scalable security enforcement, policies should be applied at the source (ingress) device where the traffic originates and where the user identity is known. This prevents unauthorized traffic from consuming WAN bandwidth only to be dropped at the destination. Therefore, the Branch-1 ION is the correct enforcement point for User-1's traffic.

2. Source vs. Destination User:

User-1 is the Source: In all scenarios, User-1 is the initiator of the traffic. Therefore, the security rule must match on Source User-ID.

Options C and D are incorrect because they suggest using Destination User-ID based rules to control User-1. Destination User-ID rules are used when the target of the traffic is a known user (e.g., VoIP calls to a specific user's phone), not when filtering based on the sender. Furthermore, relying on the DC or Branch-2 ION to enforce policies for User-1 would require the propagation of User-ID mappings across the overlay, whereas local enforcement at Branch-1 is the standard architectural model.

3. Valid Use Cases (A and B):

Option A (SaaS/Internet): The Branch-1 ION acts as the internet gateway. It can use the local mapping (IP-1 = User-1) to allow or

deny access to specific SaaS applications (Direct Internet Access) based on the user's identity (e.g., "Allow Marketing Group to access Social Media").

Option B (Internal Segmentation): The Branch-1 ION can enforce policies for traffic moving between local zones (e.g., from a "Users" VLAN to a "Servers" VLAN within the branch). Since the ION routes this traffic and holds the mapping, it can enforce Source User-ID policies to secure local private applications.

質問 # 40

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

正解: A

質問 # 41

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. 0
- B. 1
- C. 2
- D. 3

正解: B

解説:

Comprehensive and Detailed Explanation

The Prisma SD-WAN (CloudGenix) solution is designed with a separation of the control plane (Controller) and the data plane (ION devices).¹ In the event that an ION device loses connectivity to the Cloud Controller (often referred to as running in "headless mode"), the device continues to forward traffic and maintain existing VPN tunnels using the keys it currently holds.² However, for security purposes, the VPN session keys (shared secrets) used for the Secure Fabric have a finite validity period. The system is designed such that these keys are rotated regularly.³ If the controller is unreachable, the ION device can continue to rotate keys locally and maintain the VPNs for a maximum default period of 72 hours (exactly 3 days).⁴ If the connection to the controller is not restored within this 72-hour window, the keys will eventually expire, and the ION will be unable to retrieve new authorized key material from the controller.⁵ Consequently, the VPN tunnels will go down, and the "out of shared secret key" error will be observed in the VPN status logs. This mechanism ensures that a permanently compromised or stolen device cannot maintain network access indefinitely without central authorization.

質問 # 42

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 is a monitoring dashboard used exclusively for viewing flow records.
- 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 acts as a physical line card on the ION device to provide additional 10Gbps interfaces.

正解: C

解説:

Comprehensive and Detailed Explanation

The CloudBlade platform is a distinguishing architectural component of the Prisma SD-WAN solution. It is not a physical piece of hardware, nor is it software that runs directly on the branch ION device's CPU.

Instead, the CloudBlade platform is a cloud-based API integration layer hosted by Palo Alto Networks. It functions as an intelligent broker or "translator" between the Prisma SD-WAN Controller and external third-party services (such as Prisma Access, Amazon Web Services, Azure, ServiceNow, or Zscaler).

When an administrator configures the Prisma Access CloudBlade, for example, they input their API credentials and intent (e.g., "Connect all US branches to US West"). The CloudBlade engine then:

Communicates with the Prisma Access API to provision the remote IPsec termination nodes (Security Processing Nodes).

Translates this configuration into specific instruction sets for the Prisma SD-WAN Controller.

The Controller then pushes the necessary VPN tunnel configurations, IKE parameters, and routing rules to the relevant ION devices.

This architecture eliminates the need for manual IPsec configuration on every branch device. It ensures that if the third-party service changes its IP addresses or settings, the CloudBlade can detect the change via API and automatically update the branch fleet, maintaining connectivity without manual administrator intervention.

質問 # 43

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高品質のSD-WAN-Engineerの実際のテストと高い合格率のおかげで、当社はより速く、より速く開発され、世界で高い評価を得ています。教育の専門家は、試験問題とSD-WAN-Engineer研究急流の回答の設計と研究に精通しています。さらに、最新のSD-WAN-Engineer試験情報リソースをいつでも入手できます。学習ガイド資料には独自の利点があります。私たちの高い合格率は、この分野でトップの位置です。

SD-WAN-Engineer関連復習問題集: <https://jp.fast2test.com/SD-WAN-Engineer-premium-file.html>

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