

Palo Alto Networks Prisma SD-WAN: Design and Operation (Ersatz für EDU-238)

The Palo Alto Networks Prisma SD-WAN Design and Operation (replaces EDU-238) course is an instructor-led training that describes the next-generation Prisma SD-WAN solution, the capability and value it provides over legacy WAN and SD-WAN implementations, and how to configure, operate, and troubleshoot the solution.

Kursinhalt

- Course Overview
- Solution Overview
- Branch Design
- Routing
- Policy Part 1: Application Path and QoS Policy
- Policy Part 1: NAT, ZBFW and Security
- Event Policy Management Services
- DNS and DHCP Services
- Operations and Troubleshooting
- Cloud Blades
- Integrating Prisma SD-WAN and Prisma Access for SASE Implementations
- DevOps

E-Book Sie erhalten englischsprachige Unterlagen von Palo Alto als E-Book.

Zielgruppe

This course is intended for people who must configure, maintain, and use wide area networks, from data centers, to branches, to the cloud.

Voraussetzungen

No previous Palo Alto Networks experience is required to take this Prisma SD-WAN Palo Alto course.

Participants should have a basic knowledge (1+ years) of routing and switching, including Border Gateway Protocol (BGP), experience deploying and operating WANs, and use of network monitoring tools such as LiveAction, Netscout, and Splunk; experience with DNS, DHCP, and IP management tools; familiarity with scripting and APIs as they relate to network automation.

Kursziel

Successful completion of this five-day, instructor-led course will help enhance your understanding of how to design, implement, and effectively operate a Prisma SD-WAN solution. You will get hands-on experience configuring Prisma SD-WAN with a branch and datacenter, configure policies, and use Prisma SD-WAN services.

Network Engineers, Network Administrators, Network Security Engineers, Network Architects and NOC Administrators.

The **Prisma SD-WAN Design and Operation** (replaces EDU-238) course is not linked to any Palo Alto Networks certification.

Dieser Kurs im Web



Alle tagesaktuellen Informationen und Möglichkeiten zur Bestellung finden Sie unter dem folgenden Link: www.experteach.de/go/P238

Vormerkung

Sie können auf unserer Website einen Platz kostenlos und unverbindlich für 7 Tage reservieren. Dies geht auch telefonisch unter 06074 4868-0.

Garantierte Kurstermine

Für Ihre Planungssicherheit bieten wir stets eine große Auswahl garantierter Kurstermine an.

Ihr Kurs maßgeschneidert

Diesen Kurs können wir für Ihr Projekt exakt an Ihre Anforderungen anpassen.

Stand 04.09.2025

Training		Preise zzgl. MwSt.
Termine in Deutschland	5 Tage	€ 3.995,-
Online Training	5 Tage	€ 3.995,-
Termin/Kursort	Kursprache Englisch	
22.09.-26.09.25 Online	08.12.-12.12.25 Online	
03.11.-07.11.25 Online		



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Palo Alto Networks Prisma SD-WAN: Design and Operation (Ersatz für EDU-238)

Course Overview

Welcome and introductions
Intended audience and course focus
Course objectives and agenda
Learning Center tasks

Solution Overview

Industry Context
The Prisma SD-WAN Approach
Solution Overview
IPv6 Support
Strata Cloud Manager Overview
Multitenant Solution
Application Visibility
Site Visibility
Predictive Analytics
IoT Device Visibility

Branch Design

Site Architecture
Sites and Devices
ION Device Initiated Connections to Controller
Interface Types
Interface Uses
Interfaces: Virtual, IPv6, Cellular
Branch Labels
Branch Insertion Models
Branch Forwarding and Routing
Branch Availability Considerations
Branch Switching Considerations

Routing

Routing Implementation and Terminology
Branch Overview
Data Center HA Overview
Data Center BGP Routing Overview
BGP Global Configuration
Branch Configuration/Classic Peer
Data Center BGP Basic Peer Setup/Configuration
Verification and Troubleshooting
BGP Advanced Configuration
Routing Design Considerations

Policy Part 1: Application Path and QoS Policy

High-Level Policy Overview
Stacked Policies
Simple Stacked Policy
Advanced Stacked Policy
Data Center & Service Groups
Use Cases
Dynamic Path Selection
Lab: Initial Setup
Claim devices
Create sites and assign devices
Configure branch and data-center sites
Set up branch high availability

Create a custom path policy
Lab: Custom Applications and Adjusting Policies
Define custom applications
Create application overrides
Configure path and QoS policies

Policy Part 1: NAT, ZBFW and Security

Policy Review
NAT Policy Overview
NAT Policy Configuration
NAT Policy Use Cases
Advanced NAT Information
NAT Module Review
Security Policy
Lab: Stacked Security Policies
Create stacked security policies on the branch for corporate and guest network traffic
Bind security zones to interfaces
Create a guest LAN interface
Update a path policy to allow guest internet access
Lab: Introduction to NAT
Create an inbound NAT policy on TA-INET-1
Bind the NAT policy to the branch
Create a path policy for traffic to/from a security monitoring server to exit TA-INET-1

Event Policy Management Services

AI/ML Assisted Event Management
Event Policies Overview
Event Policy Constructs
Event Policy Configuration

DNS and DHCP Services

DNS Services Overview
DNS Service Roles
DNS Service Profiles
DNS Service Role/Service Profile Configuration Example
DNS Site-Level Bindings
DHCP Server Basics
DHCP Lease Reservations (Static Mappings)
DHCP Custom Options
Lab: DHCP and DNS
Configure DHCP services
Set up DNS functionality

Operations and Troubleshooting

Device Toolkit Overview and User Access
Device Toolkit Usage
Incidents and Alerts
SNMP
Syslog
IPFIX
Prisma SD-WAN DVR and Reports
Layer 3 Deployments
VPN Issues
Data Center Routing

Routing Troubleshooting
Data Plane Issues
Monitoring HA State
HA Failure Scenarios
Application Unreachable Troubleshooting
Lab: Configuring IPv6
Configure IPv6 addresses on all WAN branch and DC device interfaces
Generate and observe IPv6 traffic between a branch and a DC device

Cloud Blades

CloudBlade Overview
ServiceNow
Email Notifications for Alarm-Alerts
AWS TGW Integration
GCP Integration
Azure Virtual WAN with vION Integration
Zscaler Enforcement Node (ZEN) Integration

Integrating Prisma SD-WAN and Prisma Access for SASE

Implementations

CloudBlade Overview
Prisma SD-WAN + Prisma Access
Prisma Access for Networks (Panorama Managed)
Prisma Access for Networks (Cloud Managed)
Site and Device Configuration
Policy Configuration for Prisma Access
Validation – Remote Networks / Standard VPNs
Validation – BGP / Routing
Validation – Traffic Flows
Autonomous Digital Experience Management
Lab: Onboarding a Branch Site with Cloud Managed Prisma Access
Onboard the branch site with Prisma Access
Configure a path policy to send traffic to Prisma Access
Observe denied internet traffic by a Prisma Access security policy
Configure a Prisma Access security policy to allow internet traffic for SaaS applications
Verify allowed internet traffic

DevOps

Why Is DevOps-Style Automation Important?
DevOps – Demo
DevOps/SDK – Documentation and Support
Lab: Getting Started with the Python SDK
Set up a development environment and install the Prisma SD-WAN (CloudGenix) Python SDK
Connect to the Prisma SD-WAN API endpoint and authenticate to the controller
Execute create, read, update, and delete (CRUD) operations using Prisma SD-WAN APIs
Retrieve inventory information

