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Prisma Access Training

2 days (14 hours)

Overview

Prisma Access is a cloud-based SSE solution that secures remote access, private applications, and Internet traffic with a unified approach. With mobile users, remote networks, service connections, and advanced policy and logging mechanisms, you can design a modern, consistent security architecture that is ready for production.

Our Prisma Access training course guides you from the fundamentals of cloud security to a structured implementation tailored to the operational challenges of a hybrid enterprise.

You'll learn how to deploy essential components, organize traffic flows between mobile users, remote sites, and internal resources, and then manage security policies, authentication, and routing paths.

The training also guides you in understanding service connections, GlobalProtect, security policies, decryption, and logs, to ensure reliable access and improve visibility.

By the end of the course, you will be able to configure a more robust Prisma Access architecture, better control access to private resources, and prepare a service ready for production.

Like all our training courses, this one will introduce you to **the latest stable version** of the technology and its new features.

Objectives

- Understand Prisma Access's role in a cloud security architecture.
- Set up key components for mobile users and remote networks.

- Configure service connections to link users to private resources.
- Define consistent security policies and access rules.
- Utilize logging, visibility, and diagnostic features for day-to-day operations.

Target Audience

- Security Engineer
- Network administrator
- Cloud architect
- SOC Analyst
- Cybersecurity Consultant

Prerequisites

- Basic knowledge of IP networks, routing, and VPNs.
- Prior experience with a next-generation firewall or a network security solution.
- Understanding of the principles of authentication, access control, and segmentation.
- Experience administering a cloud security platform or hybrid infrastructure.

Technical Prerequisites

- A recent laptop with sufficient resources for configuration tasks.
- A stable Wi-Fi or Ethernet connection for hands-on exercises and demonstrations.
- An up-to-date web browser to access the administration interface and associated consoles.
- A headset is recommended for optimal remote training.
- Depending on the context, access to a test environment or to administrator accounts provided during the session.

Prisma Access Training Program

[Day 1 - Morning]

Platform Fundamentals

- Prisma Access’s role in a cloud security strategy.
- General architecture, service components, and deployment logic.
- Differences between mobile user access and remote site access.
- Principles of traffic flow between the Internet, SaaS, and private resources.
- Review of project prerequisites, licensing, organization, and governance.
- Hands-on workshop: Identify the needs of a fictional company and map out the use cases to be covered by Prisma Access.

[Day 1 - Afternoon]

Deploying user access

- Set up mobile users with GlobalProtect or proxy access as needed.
- Configuring zones, portals, and access gateways.
- Managing authentication, access profiles, and initial security controls.
- Best practices for securing Internet traffic and cloud applications.
- Introduction to logs useful for verifying that access is functioning properly.
- Hands-on workshop: Configure a remote access scenario for mobile users and verify end-to-end connectivity.

[Day 2 - Morning]

Connecting to private resources

- The role of service connections in accessing headquarters and data center resources.
- Routing principles between mobile users, remote networks, and internal applications.
- Selecting subnets, regions, and tunnel settings.
- Considerations regarding resilience, geographic proximity, and service continuity.
- Organizing policies to enable the correct traffic flows without unnecessarily opening the perimeter.
- Hands-on workshop: Set up a service connection and verify access to a simulated private resource.

[Day 2 - Afternoon]

Operation, Security, and Monitoring

- Creating and reviewing security policies to control authorized traffic.
- Introduction to decryption and associated profiles based on business needs.
- Utilizing logs, visibility, and diagnostic metrics.
- Post-change validation methods and production checkpoints.
- Best practices for operations to maintain a stable and traceable service level.
- Hands-on workshop: diagnosing a connectivity incident and correcting the configuration based on logs and rules.

Target Audience

This training is intended for both individuals and companies—large or small—that wish to train their teams in new, advanced IT technologies or to acquire specific domain knowledge or modern methodologies.

Placement at the Start of Training

The pre-training assessment complies with Qualiopi quality standards. Upon final enrollment, the learner receives a self-assessment questionnaire that allows us to evaluate their estimated proficiency with various types of technology, as well as their personal expectations and goals

regarding the upcoming training, within the limits imposed by the selected format. This questionnaire also allows us to anticipate certain connection or internal security issues within the company (intra-company or virtual classroom) that could pose challenges for monitoring and ensuring the smooth running of the training session.

Teaching Methods

Hands-On Course: 60% Practical, 40% Theoretical. Training materials distributed in digital format to all participants.

Organization

The course alternates between theoretical instruction from the trainer—supported by examples and reflection sessions—and group work.

Assessment

At the end of the session, a multiple-choice quiz is administered to verify that participants have successfully acquired the skills.

Certification

A certificate will be issued to each trainee who has completed the entire training program.