

Prisma Certified Cloud Security Engineer (PCCSE)

Datasheet

NOVEMBER 2024

The Prisma Certified Cloud Security Engineer (PCCSE) certification is designed to validate the knowledge and skills required to onboard, deploy, and administer all aspects of the Palo Alto Networks Prisma Cloud portfolio.

Exam registration: [Pearson VUE](#)

The purpose of this document is to help you prepare for the exam and attain the certification. Please note that this document is intended to help identify the topics covered and to provide resources and references for understanding those topics. It is not intended to be used as the sole document to prepare for the PCCSE exam.

Audience and Qualifications

Target audience

This certification is designed for individuals specializing in cloud security, customer success, DevOps, and cloud support as well as professional services and Appsec engineers, cybersecurity architects, and team leads.

Blueprint

The blueprint table lists the domains covered and includes domain weighting. The percentage weights represent the portion of the exam score that is attributed to each domain. Many candidates find the table provides focus for studies during exam preparation. Also included in the blueprint table are the more specific tasks associated with each domain. Pay particular attention to these tasks, as they provide more targeted areas of study within the domains.

Exam Details:

- Duration: 90 minutes
- Format: Multiple-choice questions
- Language: English
- Cost: \$175 USD*
- Recommended Prerequisites:
Cybersecurity Apprentice
Cybersecurity Practitioner

* Price may vary by country

Domain 1 Risk Prevention (CAS)

- Task 1.1** Implement Infrastructure as Code (IaC) scanning to detect misconfigured templates
- Task 1.2** Ensure CI/CD security
- Task 1.3** Perform vulnerability scanning
- Task 1.4** Manage secrets to prevent data leakage
- Task 1.5** Address software dependencies through Software Composition Analysis (SCA) and Software Bill of Materials (SBOM)

Domain 2 Visibility and Control (CSPM, CDEM, CIEM, DSPM)

- Task 2.1** Use Cloud Security Posture Management (CSPM) for detecting and remediation of misconfigured cloud resources
- Task 2.2** Identify assets in a Cloud account
- Task 2.3** Manage IAM with Cloud Infrastructure Entitlement Management (CIEM)
- Task 2.4** Implement Data Security Posture Management (DSPM) for data classification and security

Task 2.5 Discover and manage shadow cloud assets

Task 2.6 Monitor cloud compliance (e.g., Infinity Graph)

Domain 3 Runtime Protection (CWP, WAAS)

Task 3.1 Deploy Cloud Workload Protection (CWP) for detection and management of threats in runtime environments

Task 3.2 Ensure Kubernetes security through specific controls and deployment from trusted images

Task 3.3 Implement WAAS

Task 3.4 Manage compliance within cloud workloads

Domain 4 Prisma Cloud Self-Hosted Compute Edition

Task 4.1 Deploy and maintain console

Task 4.2 Manage authentication and access

Task 4.3 Manage configuration and integration

Learning Path

Candidates are strongly encouraged to use official Palo Alto Networks resources only to prepare for the exam. The complete Palo Alto Networks recommended learning path can be found [here](#).

English as a Second Language (ESL) Accommodation

The ESL accommodation provides a 30-minute time extension for exams delivered in English in non-English speaking countries where a localized version of the exam is not available. When registering for exams at Pearson VUE, the ESL 30-minute extension is automatically granted to candidates in eligible countries based upon candidate address.