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Senior Academy Training
Engineer at Palo Alto Networks



Amador Gabaldón

Tech Manager en PUE Academy

Palo Alto Networks[®] Cybersecurity Academy

Formando a los profesionales de la ciberseguridad del futuro



Palo Alto Networks® Cybersecurity Academy

Formando a los profesionales de la ciberseguridad del futuro

¿Qué es PUE Academy?

Acercamos la formación y certificación tecnológica al ámbito educativo con acciones formativas al profesorado, a las instituciones académicas y a sus alumnos a través de la gestión e implementación de las iniciativas académicas de las principales organizaciones y multinacionales del sector TIC.

La **capacitación de la docencia**, así como la **empleabilidad** y **reconocimiento profesional** de los alumnos formados, son nuestros máximos objetivos.



+ 100.000
ESTUDIANTES



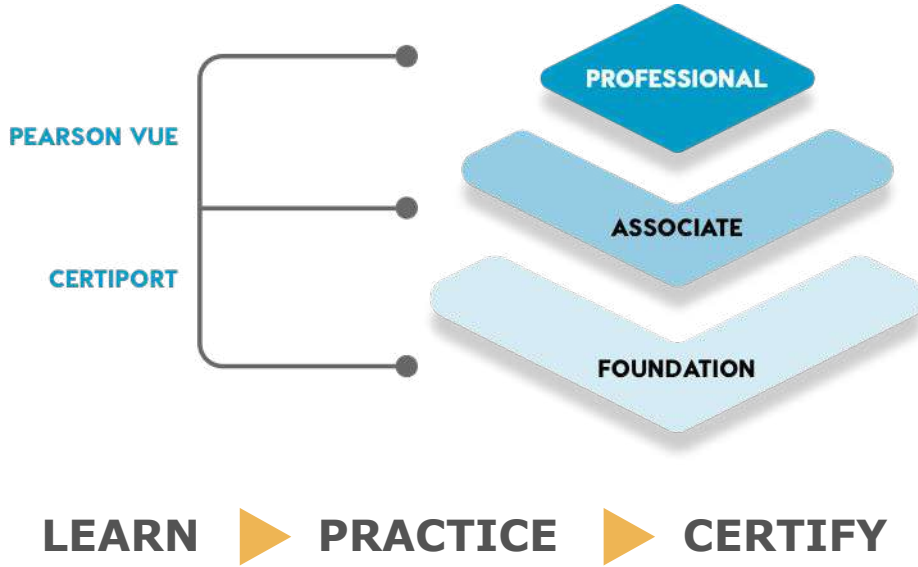
+ 900
DOCENTES
FORMADOS



+ 1.000
CENTROS
ADSCRITOS



Full-service solutions for the skilling journey



A grid of logos for various partners and providers, including:

- Cisco Networking Academy
- Linux Professional Institute
- Adobe Certified Professional
- IC3 Digital Literacy Certification
- Information Technology Specialist
- Microsoft (Microsoft Learn For Educators)
- Palo Alto Networks
- Oracle Academy
- Red Hat Academy
- Communication Skills Institute
- Project Management Institute
- VMware IT Academy
- Swift
- Unity
- AUTODESK

Nuestros servicios a la comunidad educativa TIC

- **Distribución, gestión e implementación** de las iniciativas académicas de las multinacionales de referencia en el sector tecnológico.
- **Soporte, apoyo y asesoramiento** en su despliegue.
- **Formación** oficial para docentes, staff técnico y estudiantes.
- **Acceso a recursos** docentes y material de estudio oficial.
- Servicios para facilitar la **certificación** de docentes y estudiantes: plataforma online PUE Certification Service y Certification Credits.
- Participación de los centros en las **comunidades educativas** de los diversos programas educativos y de certificación.
- **Recursos de marketing** para posicionar al centro en sus figuras oficiales.



CYBERSECURITY ACADEMY

Educating the
Workforce of Tomorrow



CYBERSECURITY ACADEMY

Our Mission

Educate the workforce of tomorrow.

To prepare students for successful careers in cybersecurity and address the needs of our customers around the globe.

The Cybersecurity Academy Network

100+
Countries



200+
High Schools



2600+
Academies



500k+
Students
engaged



Our Commitment to Diversity

- We believe that innovation can't succeed without **appropriate representation** and an **empowered workforce**.
- Our pledge is to create **more and broader pathways** into cybersecurity.



Innovation Needs Diversity to Succeed

CYBERSECURITY ACADEMY

Academy Curriculum and Programs



Academic Curriculum

INTRODUCTORY

**Cybersecurity
Foundation**

**Network Security
Fundamentals**

**Cloud Security
Fundamentals**

**Security Operations
Fundamentals**

**Secure Access Service
Edge Fundamentals**

ADVANCED

Firewall Essentials

Cloud Security Automation

**Security Operations
Configuration**

**Secure Access Service
Edge Architecture**

Note: All academic courses align to the U.S. National Initiative for Cybersecurity Education ([NICE](#)) framework and Cybersecurity Work Roles.

Introductory Course Modules

Cybersecurity Foundation

1. Cybersecurity Landscape
2. Cybersecurity Threats
3. Cybersecurity Attack Types
4. Cybersecurity Design Models
5. Security Operating Platform

Network Security Fundamentals (Strata)

1. The Connected Globe
2. IP Addressing
3. Packet Encapsulation
4. Network and Endpoint Security
5. Network Security Principles

Cloud Security Fundamentals (Prisma)

1. Cloud, Virtualization, Storage
2. Cloud Native Security
3. Cloud and Data Center Security
4. Mobile and Cloud Security
5. Secure the Cloud (Prisma)

Security Operations Fundamentals (Cortex)

1. Elements and Process of SOC
2. CSOC Infrastructure and Automation
3. Advanced Endpoint Protection
4. Threat Prevention and Intelligence
5. Secure the Future (Cortex)

Secure Access Service Edge (SASE) Fundamentals

1. SASE Review
2. Cloud Access Security Broker (CASB)
3. Cloud Secure Web Gateway (CSWG)
4. Autonomous Digital Experience Management (ADEM)

Lab Overview for Fundamentals Courses

Cybersecurity Foundation

Lab 01: Configuring TCP/IP and a Virtual Router

Lab 02: Malware Analysis

* **Lab 03:** Creating a Zero Trust Environment

Lab 04: Configuring Authentication

Lab 05: Using Two-Factor Authentication to Secure the Firewall

Lab 06: Allowing Only Trusted Applications

* Also included in the **SASE Fundamentals** course.

Network Security Fundamentals

Lab 01: Configuring DHCP

Lab 02: Configuring Virtual IP Addresses

Lab 03: Creating Packet Captures

Lab 04: Analyzing Packet Captures

Lab 05: Managing Certificates

Lab 06: Decrypting SSH Traffic

Lab 07: Decrypting SSL Inbound Traffic

Lab 08: Backing up Firewall Logs

Cloud Security Fundamentals

Lab 01: Protecting Sensitive Data

Lab 02: Preventing Internet Threats with File Blocking

Lab 03: Container Network Security

Lab 04: Denying International Attackers

* **Lab 05:** Configuring HIP for Global Protect

Lab 06: Container Vulnerability Scanning

* Also included in the **SASE Fundamentals** course.

Security Operations Fundamentals

Lab 01: Network Traffic Analysis

Lab 02: Using the Application Command Center to Find Threats

Lab 03: Analyzing Firewall Logs

Lab 04: Log Forwarding to Linux

Lab 05: Stopping Reconnaissance Attacks

Lab 06: Securing Endpoints using Vulnerability Profiles

Lab 07: Threat Intelligence

Lab 08: Using Dynamic Block Lists

Entry-Level Certification



PC CET

Palo Alto Networks Certified
Cybersecurity Entry-Level Technician

INTRODUCTORY

**Cybersecurity
Foundation**

**Network Security
Fundamentals**

**Cloud Security
Fundamentals**

**Security Operations
Fundamentals**

**Secure Access Service
Edge Fundamentals**

Advanced-Level Certification



PCNSA

Palo Alto Networks Certified
Network Security Administrator

ADVANCED

Firewall Essentials

Cloud Security Automation

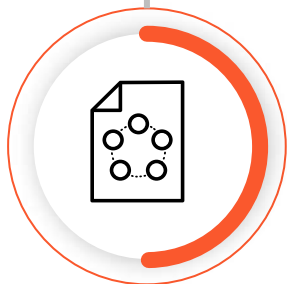
Security Operations
Configuration

Secure Access Service
Edge Architecture

 **Plus...** access to all Palo Alto Networks Certifications

Academy Partner Benefits

Academy Partners receive **free access to:**



Curriculum

Student course materials

Aligns to the NICE framework



Faculty Training

Complete trainings for selected courses

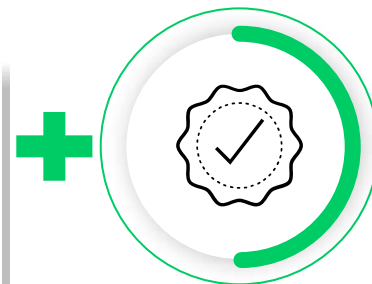
- Self-paced, asynchronous

Begin teaching!



Virtual Firewalls

VM-50s (fully licensed) for your course labs or competition preparation



Discount Certifications

Free and discounted Palo Alto Networks Certifications

No cost study guides and practice exams

Getting Started

1

Complete the PAN Cybersecurity Academy Application

2

Welcome email is sent with next steps including the course enrollment and program onboarding.

3

Faculty completes the curriculum training for the courses they plan to teach.

4

Begin teaching!

Programs and Competitions



Secure the Future

Company sponsored competition for college students to demonstrate their skills!

Finalists are eligible to interview for Palo Alto Networks opportunities and a \$10,000 cash prize.



CCDC

Top 1000 cyber students in the US compete in the Collegiate Cyber Defense Competition (CCDC).

As **Technical Sponsor**, we provide custom courseware, Next Generation Firewalls and financial support.

Programs and Competitions



Virginia Department for Blind and Visually Impaired (VDBVI)

We support this important and overlooked workforce.

We customized our labs to make cybersecurity learning and career opportunities possible.



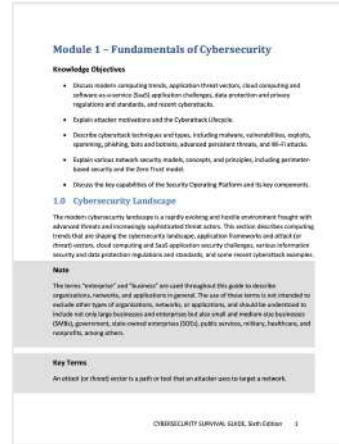
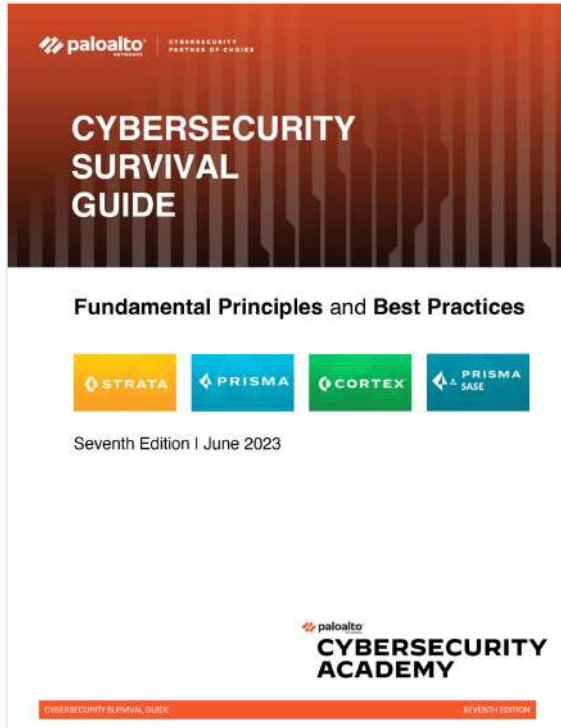
Cyber Madness

Statewide high school competition in North Dakota, where students configure (next generation) firewalls for scholarships and prizes!

....and MORE:

- NICE K-12 Conference
- Cyber 9/12 Strategy Challenge
- Cyber Education Discovery Forum
- CyberCon at Bismarck State
- Turtle Mountain Community College Cybersecurity Camp

Cybersecurity Survival Guide



Our annual **Cybersecurity Survival Guide** free publication covers fundamental principles and best practices, including Cybersecurity Foundations, Network Security Fundamentals, Security Operations Fundamentals, Cloud Security Fundamentals and SASE Fundamentals.



CYBERSECURITY ACADEMY

Thank You

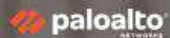
paloaltonetworks.com





Palo Alto Networks® Cybersecurity Academy

Formando a los profesionales de la ciberseguridad del futuro



[Unit 42 Threat Research](#)

Education Services

Your learning your way

Educati

Your learning your



Cybersecurity Academy

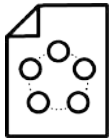
Educating the Workforce of Tomorrow

Our students are the next generation of cybersecurity professionals. The Cybersecurity Academy builds careers and closes the cybersecurity skills gap.

Academic institutions, become a member of our academy network and access our free, comprehensive cybersecurity education program.

Beneficios del programa

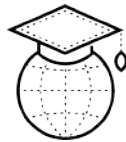
Acceso a contenidos & soporte



Plataforma Moodle

Dos tracks disponibles

Formación de instructores



Convocatorias de formación del profesorado

Labs para docencia



Distintas opciones para acceso a labs para estudiantes

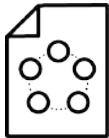
Descuento en certificaciones oficiales



40% de descuento en exámenes de certificación Palo Alto Networks (PC CET & PCNSA)

Recorrido Académico

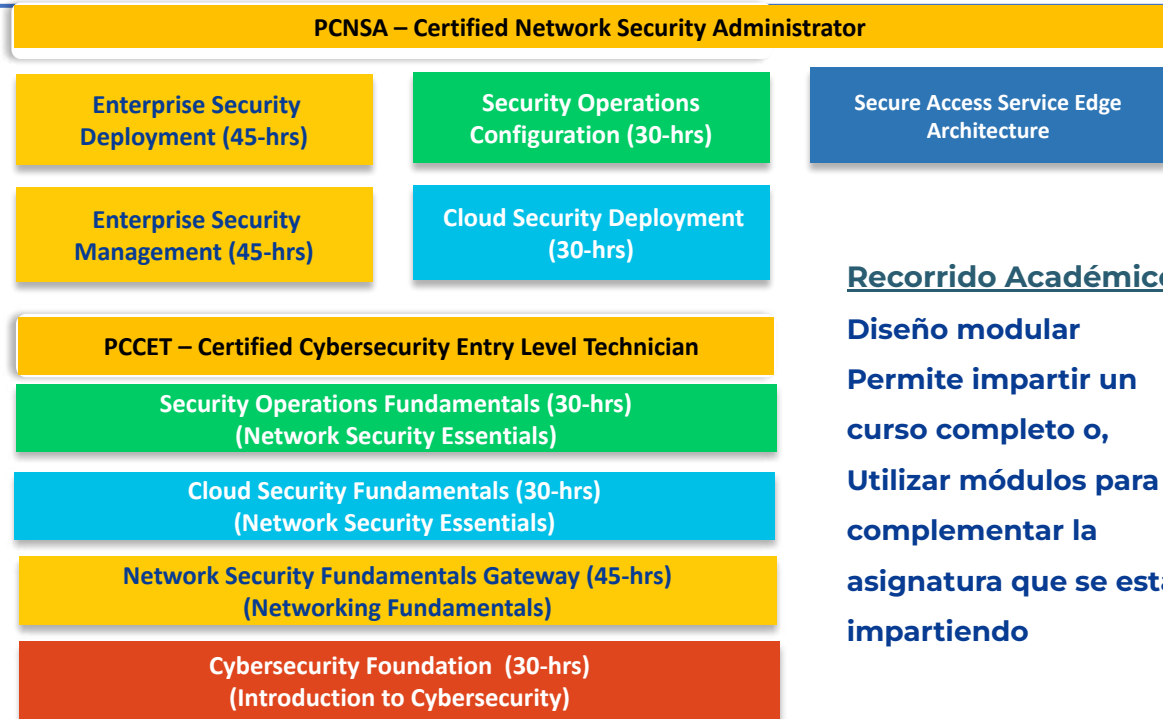
Acceso a contenidos
& soporte



Recorrido Académico

Plataforma Moodle

Recorrido Curricular / Nivel de entrada

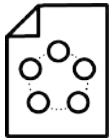


Recorrido Académico

Diseño modular
Permite impartir un curso completo o, Utilizar módulos para complementar la asignatura que se está impartiendo

Recorrido Académico

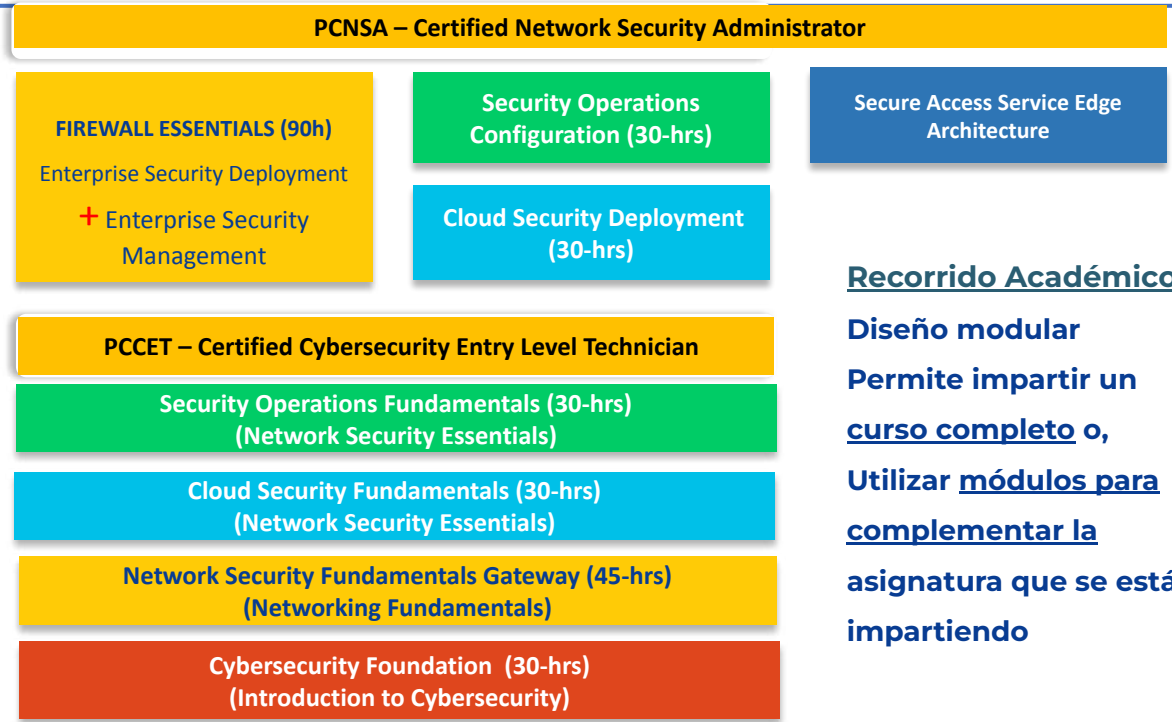
Acceso a contenidos & soporte



Recorrido Académico

Plataforma Moodle

Recorrido Curricular / Nivel de entrada



Recorrido Académico

Diseño modular
Permite impartir un curso completo o, Utilizar módulos para complementar la asignatura que se está impartiendo

Plataforma LMS del programa

🎓

☰

🌐 Español - Internacional (es) ▾

👤 Acceder 👤 Crear nueva cuenta

paloalto
NETWORKS

**Cybersecurity
Academy**

**Palo Alto Networks Cybersecurity Academy
Student and Faculty LMS**

Plataforma LMS - Dashboard



Recent English (en)

Palo Alto Networks Academy: Dashboard

Customise this page Message

Course overview

▼ All (except removed from view) Last accessed List

★ CF-PUE Academy-03/23/24	...
★ FE-PUE Academy-12/22/23	...
★ SO-PUE Academy-03/23/24	...
★ CS-PUE Academy-03/23/24	...
★ NS-PUE Academy-03/23/24	...
Cybersecurity Academy Onboarding - Self Paced V6	36% Complete
★ Firewall Essentials-PUE Academy-02/02/23	...


Curso Firewall Essentials - PCNSA- Cabecera

Palo Alto Networks Academy

Recent English (en)

15 ENROLLED STUDENTS 0 STUDENTS COMPLETED 10 IN PROGRESS 5 YET TO START

Course Information

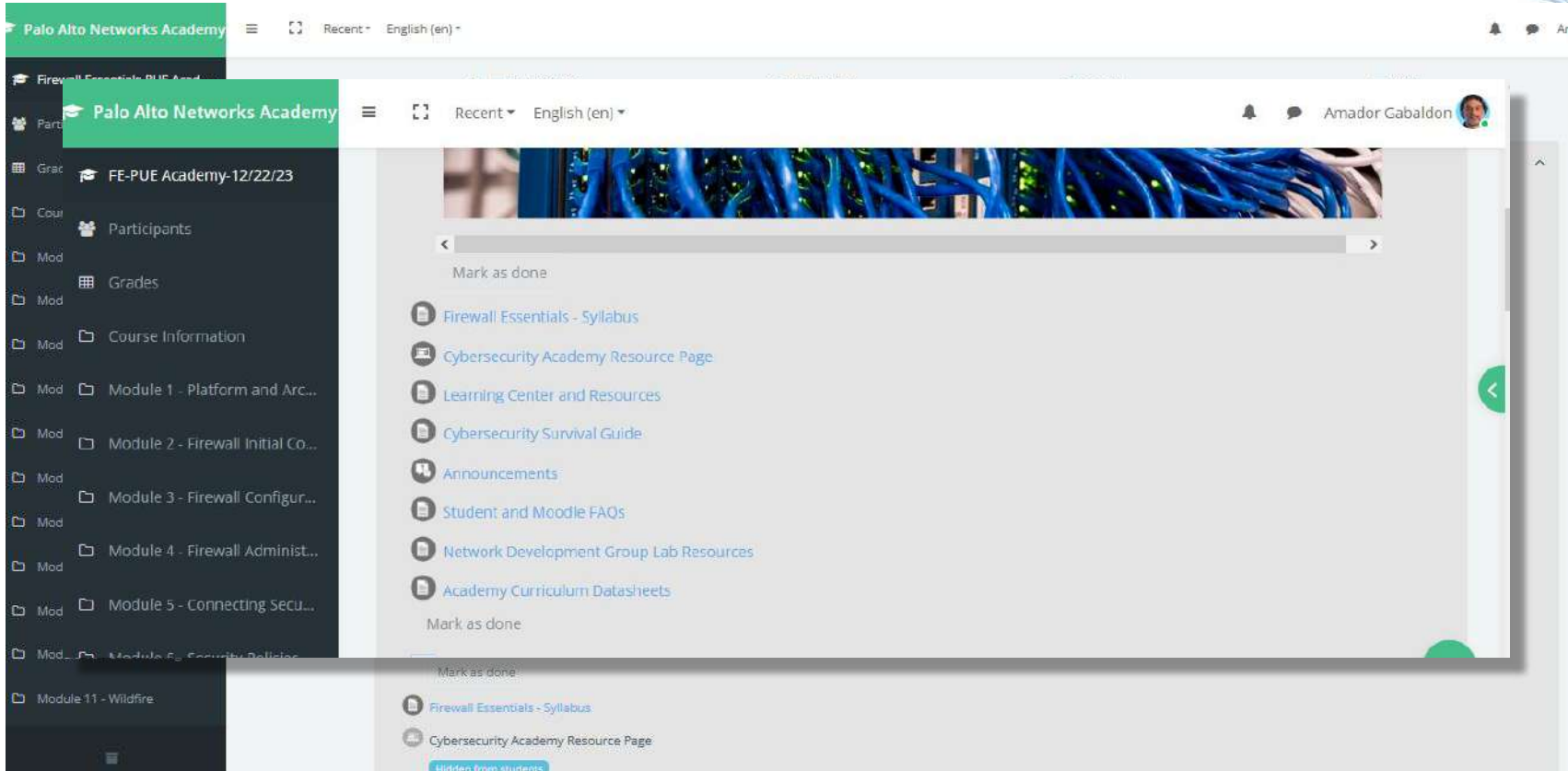


Mark as done

- Firewall Essentials - Syllabus
- Cybersecurity Academy Resource Page

Hidden from students

Curso Firewall Essentials - PCNSA- Cabecera



The screenshot shows the user interface of the Palo Alto Networks Academy. On the left is a dark sidebar with a green header containing the text "Palo Alto Networks Academy". Below the header is a list of course modules, including "Firewall Essentials - BUS And...", "FE-PUE Academy-12/22/23", and "Module 11 - Wildfire". The main content area has a white header with "Palo Alto Networks Academy" and "Amador Gabaldon" (with a profile picture). Below the header is a banner image of blue network cables. A list of course items is displayed, each with a document icon and a title: "Firewall Essentials - Syllabus", "Cybersecurity Academy Resource Page", "Learning Center and Resources", "Cybersecurity Survival Guide", "Announcements", "Student and Moodle FAQs", "Network Development Group Lab Resources", and "Academy Curriculum Datasheets". A "Mark as done" button is visible above the list. At the bottom of the page, there is a "Hidden from students" button.

Curso Firewall Essentials - PCNSA- Objetivos



Palo Alto Networks Cybersecurity Academy

Firewall 10.1 Essentials: Configuration and Management (EDU-210) Course Syllabus

Course Description:

Successful completion course should enhance the student's understanding of how to configure and manage Palo Alto Networks Next- Generation Firewalls. The course focuses on configuring, managing, and monitoring a firewall in a lab environment, including the following:

- Configure and manage the essential features of Palo Alto Networks next-generation firewalls
- Configure and manage Security and NAT policies to enable approved traffic to and from zones
- Configure and manage Threat Prevention strategies to block traffic from known and unknown IP addresses, domains, and URLs
- Monitor network traffic using the interactive web interface and firewall reports

Curso Firewall Essentials - PCNSA- Recursos adicionales



Palo Alto Networks Academy Recent English (en)

Amador Gabaldon

Learning Center and Resources

Here's a link to the publicly available techdocs publications from Palo Alto Networks.
<https://docs.paloaltonetworks.com>

For information about Palo Alto Networks Certifications please visit this page:
<https://www.paloaltonetworks.com/services/education/certification>

The UNIT 42 global threat intelligence team at Palo Alto Networks regularly publishes cybersecurity research whitepapers and threat analytics. This link is a public site.
<https://unit42.paloaltonetworks.com/>

Click the link below to navigate to the Palo Alto Academy site. At the Academy site you can view an outline of the Academy Curriculum, and access Academy Support information. This link is a public site.
<https://www.paloaltonetworks.com/services/education/academy>

Digital Learning: The Palo Alto Networks Learning Center offers digital learning classes on Cybersecurity Fundamentals, Networking Security, Cloud Security and Security Operations Center security. The courses require a free registration.

Click the link below to visit the Digital Learning page and preview datasheets for all four courses.
<https://www.paloaltonetworks.com/services/education/digital-learning>

Click the link below for step-by-step instructions for enrolling in the digital learning program

Course Overview

Course Information

- Firewall Essentials - Syll...
- Cybersecurity Academy...
- Learning Center and Re...
- Cybersecurity Survival ...
- Announcements
- Student and Moodle FA...
- Network Development ...

Curso Firewall Essentials - PCNSA- Survival Guide



CYBERSECURITY SURVIVAL GUIDE

Strata
Secure the Enterprise



Prisma
Secure the Cloud

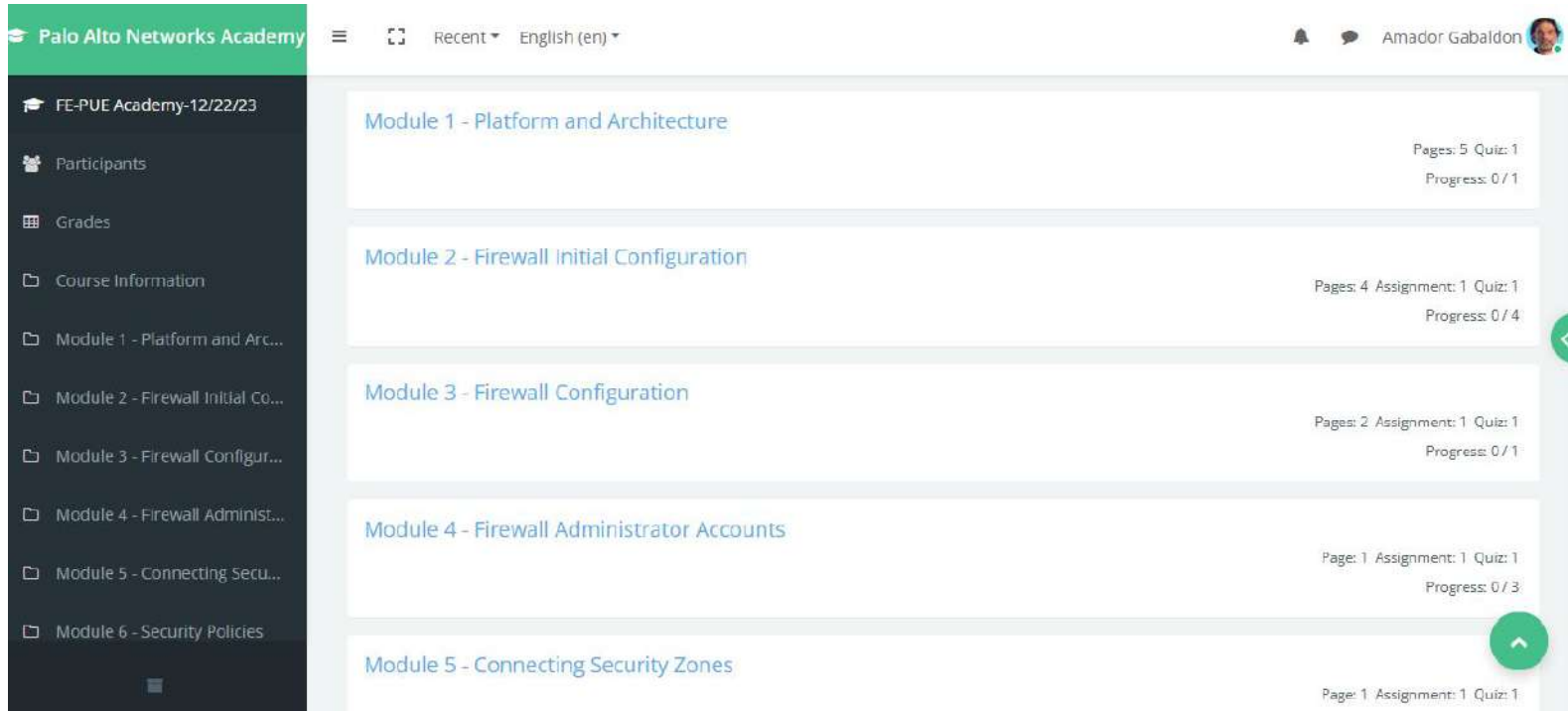


Cortex
Secure the Future



Fundamental Principles & Best Practices

Firewall Essentials – PCNSA - Módulos



The screenshot shows the Palo Alto Networks Academy interface. The top navigation bar includes the course name, a menu icon, a refresh icon, 'Recent', and 'English (en)'. The user's name 'Amador Gabaldon' is visible in the top right. A left sidebar lists course components: FE-PUE Academy-12/22/23, Participants, Grades, Course Information, and Modules 1 through 6. The main content area displays a list of modules with their respective progress and resource counts.

Module	Pages	Assignment	Quiz	Progress
Module 1 - Platform and Architecture	5		1	0 / 1
Module 2 - Firewall Initial Configuration	4	1	1	0 / 4
Module 3 - Firewall Configuration	2	1	1	0 / 1
Module 4 - Firewall Administrator Accounts	1	1	1	0 / 3
Module 5 - Connecting Security Zones	1	1	1	

Estructura de los Módulos - Contenidos

☰ [] Recent ▾ English (en) ▾

🔔 🗨 Amador Gabaldon 

Resources

-  Reading - Initial Configuration
-  Interactive: Initial Configuration

Labs

-  Lab 1 - Firewall Connect to the Management Network

Mark as done

-  Lab Knowledge Check - DHCP

Mark as done

-  Lab Knowledge Check - Virtual IP

Mark as done

Assessments

-  Quiz #2 - Configuring and Managing Firewall Interfaces

Receive a grade

Receive a pass grade

Recursos: Objetivos y artículos de Lectura



Recent ▾

English (en) ▾



Amador Gabaldon



Resources

- Reading - Initial Configuration
- Interactive: Initial Configuration

Labs

- Lab 1 - Firewall Connect to the Management Network
Mark as done
- Lab Knowledge Check - DHCP
Mark as done
- Lab Knowledge Check - Virtual IP
Mark as done

Assessments

- Quiz #2 - Configuring and Managing Firewall Interfaces
Receive a grade Receive a pass grade

Recursos: Prácticas de Laboratorio



Recent ▾ English (en) ▾



Amador Gabaldon



Resources



Reading - Initial Configuration



Interactive: Initial Configuration

Labs



Lab 1 - Firewall Connect to the Management Network

Mark as done



Lab Knowledge Check - DHCP

Mark as done



Lab Knowledge Check - Virtual IP

Mark as done

Assessments



Quiz #2 - Configuring and Managing Firewall Interfaces

Receive a grade

Receive a pass grade



Recursos: Cuestionario de Módulo



Recent English (en)



Amador Gabaldon



Resources



Reading - Initial Configuration



Interactive: Initial Configuration

Labs



Lab 1 - Firewall Connect to the Management Network

Mark as done



Lab Knowledge Check - DHCP

Mark as done



Lab Knowledge Check - Virtual IP

Mark as done

Assessments



Quiz #2 - Configuring and Managing Firewall Interfaces

Receive a grade

Receive a pass grade



Recursos Adicionales para instructores

Module 8 - Faculty Resources

Pages: 8 File: 1 Folder: 1 URLs: 2

Progress: 0 / 11

Interactive Activities - Additional Links

Mark as done

PCNSA Data Sheet

Mark as done

Module Presentations

Mark as done

Module Reading Review Questions Answers

Mark as done

Additional Resources

Mark as done

OS 10 VMware Workstation LAB OVA Files and Resources

OS 9 VMware Workstation LAB OVA Files and Resources

Student Self-Enrollment Setup

Mark as done

Instructor FAQs

Mark as done

Course Error Reporting Form

Mark as done

Threat Techniques and Vulnerabilities Presentation

Mark as done

Additional Firewall Presentations

Cuestionarios y Certificado de Compleción - I

Firewall 10.1 Essentials Certificate - Certificado de Superación del Curso - PA

Restricted Not available unless:

All of:

- The activity **Quiz #1 - Security Architecture Planning** is complete and passed
- The activity **Quiz #2 - Configuring and Managing Firewall Interfaces** is complete and passed
- The activity **Quiz #3 - Firewall Configuration** is complete and passed
- The activity **Quiz #4 - Managing Firewall Administrator Accounts** is complete and passed
- The activity **Quiz #5 - Configure and Manage Firewall Security Zones** is complete and passed
- The activity **Quiz #6 - Creating and Managing Security Policies** is complete and passed
- The activity **Quiz #7 - Creating and Managing NAT Policy Rules** is complete and passed
- The activity **Quiz #8 - Application Identification** is complete and passed
- The activity **Quiz #9 - Security Profiles** is complete and passed
- The activity **Quiz #10 - URL Filtering** is complete and passed
- The activity **Quiz #11 - WildFire** is complete and passed
- The activity **Quiz #12 - User-ID** is complete and passed
- The activity **Quiz #13 - Encrypted Traffic** is complete and passed
- The activity **Quiz #14 - Logs and Reports** is complete and passed
- You achieve a required score in **210 Final Exam**
- You belong to **PUE Academy**

Cuestionarios y Certificado de Compleción - II

Palo Alto Networks Authorized Cybersecurity Academy Instructor

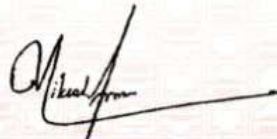
THIS CERTIFICATE OF ACKNOWLEDGEMENT CONFIRMS THAT

PUE Academy Student

By successfully passing the course:

Firewall Essentials: Configuration and Management (EDU-210)

has successfully completed all requirements to become a
Palo Alto Networks® Cybersecurity Academy Instructor.



Nikesh Arora
Chairman and CEO
Palo Alto Networks

Authorization Date

May 12th, 2023

Authorization Number



Opciones de Laboratorio

Labs para Docencia



Distintas opciones
para acceso a labs
para docencia

- **Laboratorios virtuales integrados en los cursos**
 - basados en la plataforma NDG LaaS (Lab as a Service)
 - basados en Cloud
- **Laboratorios basados en Firewall VM-50 Palo Alto Networks (OVAs)**
 - **Firewall + Virtual Router + DMZ Server + Client**
 - **Guías / Vídeos de integración e implementación en plataformas de virtualización**
- **Descuentos en modelos seleccionados de dispositivos Firewalls**

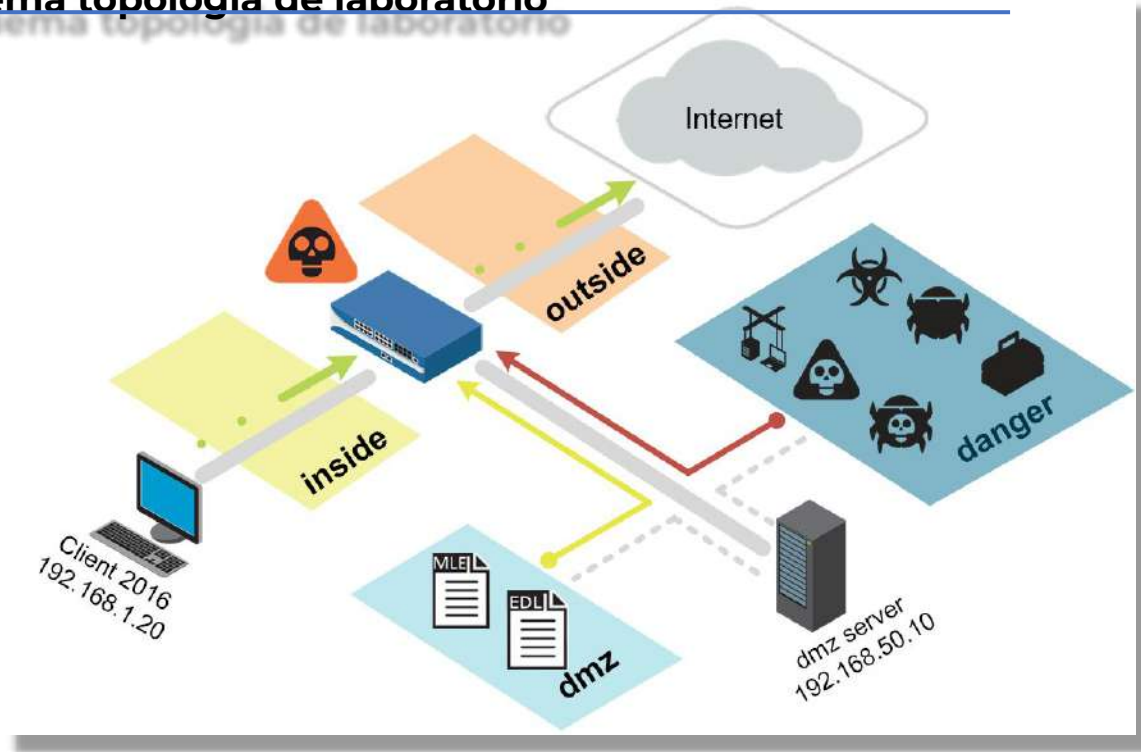
Opciones de Laboratorio

Esquema topología de laboratorio

Labs para docencia



Distintas opciones
para acceso a labs
para docencia



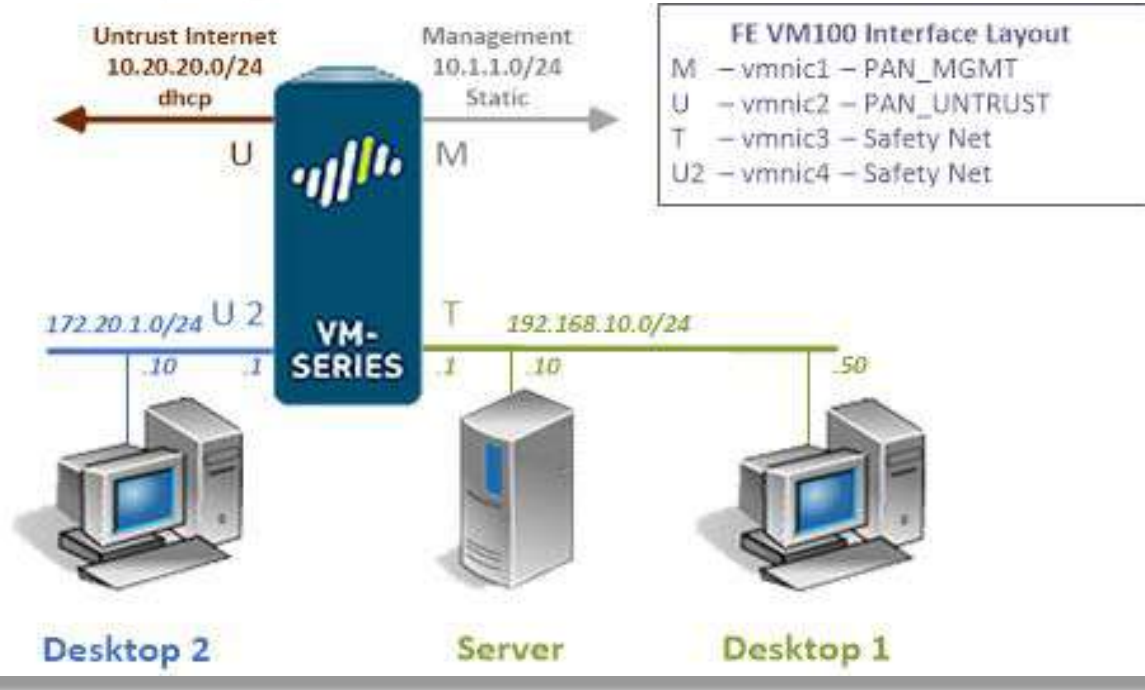
Opciones de Laboratorio

Detalle topología de laboratorio basado en VM

Labs para docencia



Distintas opciones
para acceso a labs
para docencia



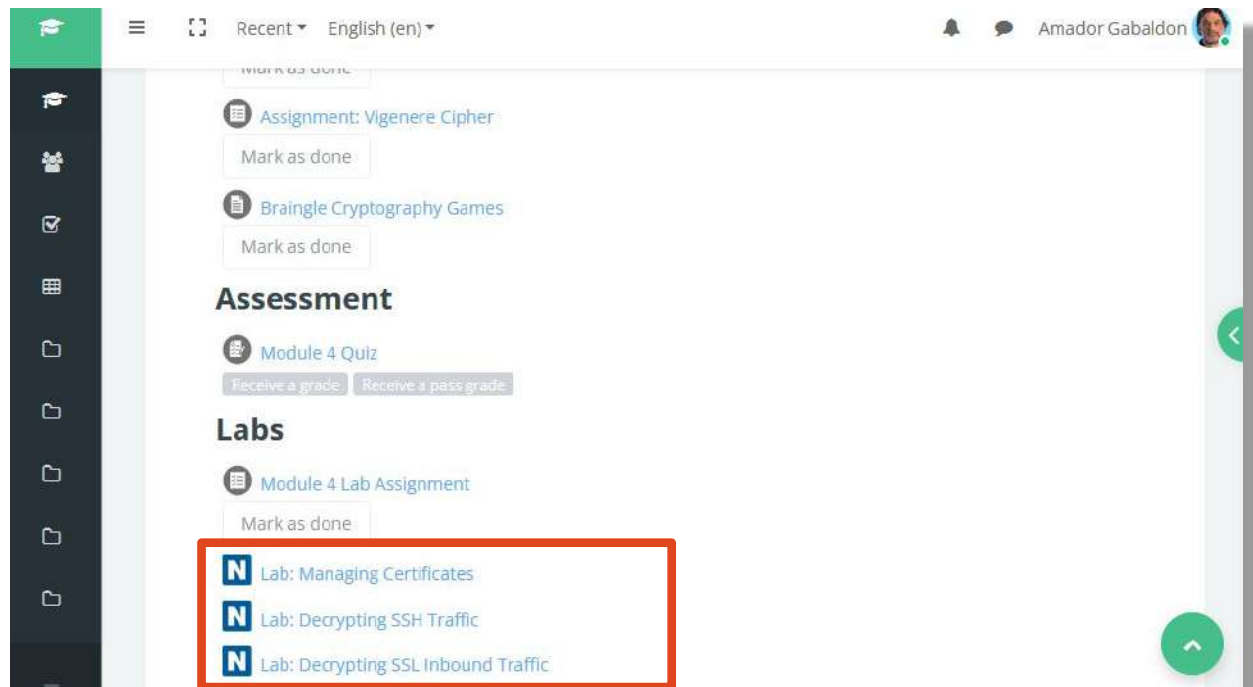
Laboratorios LaaS

Accesos directos desde la plataforma Palo Alto Networks

Labs para docencia



Distintas opciones
para acceso a labs
para docencia



Recent English (en)

Assignment: Vigenere Cipher
Mark as done

Braingle Cryptography Games
Mark as done

Assessment

Module 4 Quiz
Receive a grade Receive a pass grade

Labs

Module 4 Lab Assignment
Mark as done

Lab: Managing Certificates

Lab: Decrypting SSH Traffic

Lab: Decrypting SSL Inbound Traffic

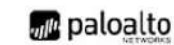
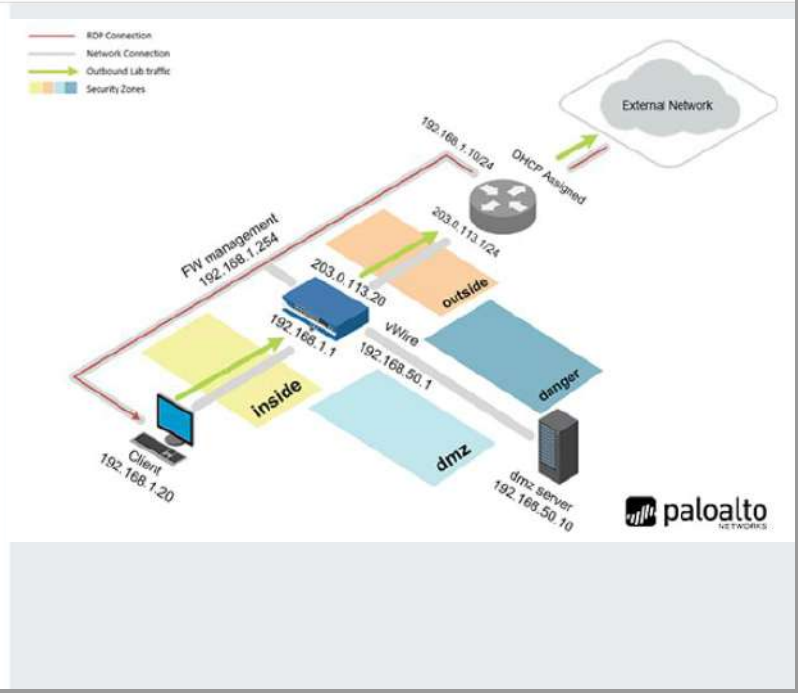
Laboratorios LaaS

Firewall Essentials-PUE Academy-02/02/23 Acceso a laboratorios prácticos Curso EDU210 - PCNSA

- Learn
- Teach
- Account
- Help

Labs

- Lab 01: Connect to the Management Network
- Lab 02: Working with Firewall Configurations and Log Files
- Lab 03: Working with Firewall Administrator Accounts
- Lab 04: Connecting the Firewall to Production Networks
- Lab 05: Configuring Security Policy Rules and NAT Policy Rules
- Lab 06: Blocking Packet- and Protocol-Based Attacks
- Lab 07: Blocking Threats from Known-Bad Sources
- Lab 08: Blocking Threats Using App-ID
- Lab 09: Maintaining Application-Based Policies
- Lab 10: Blocking Threats Using Custom Applications
- Lab 11: Blocking Threats with User-ID
- Lab 12: Blocking Unknown Malware with WildFire
- Lab 13: Blocking Threats in Encrypted Traffic
- Lab 14: Preventing Use of Stolen Credentials

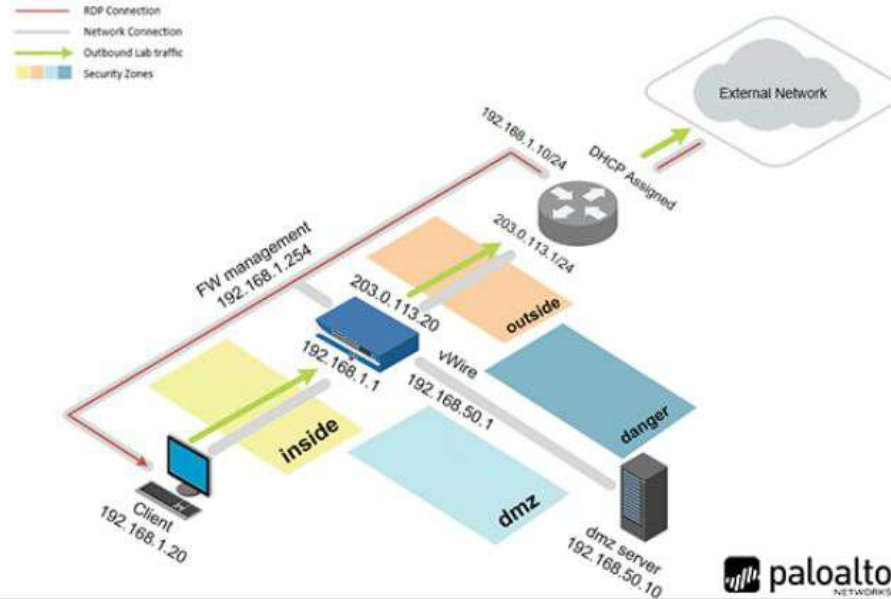


Laboratorios LaaS - Topologia

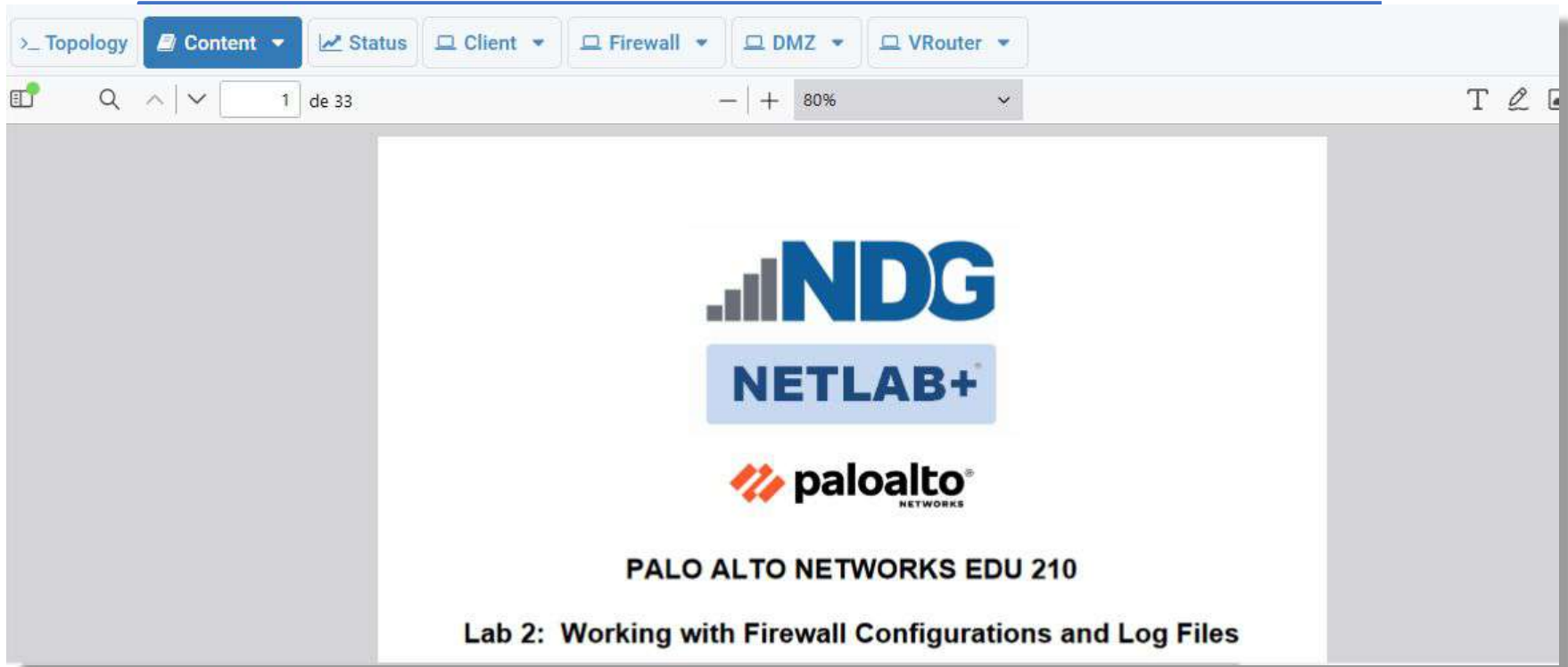
MyNETLAB > RGMCNVE2.H87.P27051.PAN10_210 > Reservation 39370 > Lab 02: Working with Firewall Configurations and Log Files

Time Remaining
1 10
hrs. min.




Topology Content Status Client Firewall DMZ VRouter



Laboratorios LaaS – Doc Prácticas



The screenshot shows a web-based management interface for Palo Alto Networks. At the top, there is a navigation bar with tabs for '>_ Topology', 'Content', 'Status', 'Client', 'Firewall', 'DMZ', and 'VRouter'. Below this is a search bar with a magnifying glass icon, a dropdown arrow, and a search box containing '1 de 33'. To the right of the search bar are zoom controls with minus and plus signs and a dropdown menu showing '80%'. The main content area displays a slide with the following text and logos:




PALO ALTO NETWORKS EDU 210
Lab 2: Working with Firewall Configurations and Log Files









Laboratorios LaaS -Status

MyNETLAB > RGMNCNVE2.H87.P27051.PAN10_210 > Reservation 39370 > Lab 02: Working with Firewall Configurations and Log Files

Time Remainin
0 49
hrs. min.

>_ Topology Content Status Client Firewall DMZ VRouter

Lab Devices

Device	Type	Power	Status	Connections	Action
 Client	Linux	 Powered On			<input type="button" value="v"/>
 Firewall	Linux	 Powered On			<input type="button" value="v"/>
 DMZ	Linux	 Powered On			<input type="button" value="v"/>
 VRouter	Linux	 Powered On			<input type="button" value="v"/>

Laboratorios LaaS - Cliente

MyNETLAB > RGMNCVE2.H87.P27051.PAN10_210 > Reservation 39370 > Lab 02: Working with Firewall Configurations and Log Files

Time Remaining

0 46

hrs. min.

>_ Topology

Content

>_ Status

Client

Firewall

DMZ






VRouter



The screenshot shows a Linux desktop environment with a blue background. The desktop contains several application icons: Home, Transmission, Class-Scripts, Text Editor, Lab-Files, Remmina, Downloads, Terminal Emulator, FileZilla, WireShark, Chromium Web Browser, and Firefox Web Browser. A Trash icon is located in the bottom right corner. The taskbar at the bottom shows the Applications icon, a clock displaying 00:03, and the system tray icons.

Laboratorios LaaS – Consola FW

MyNETLAB > RGMNCNVE2.H87.P27051.PAN10_210 > Reservation 39370 > Lab 02: Working with Firewall Configurations and Log Files

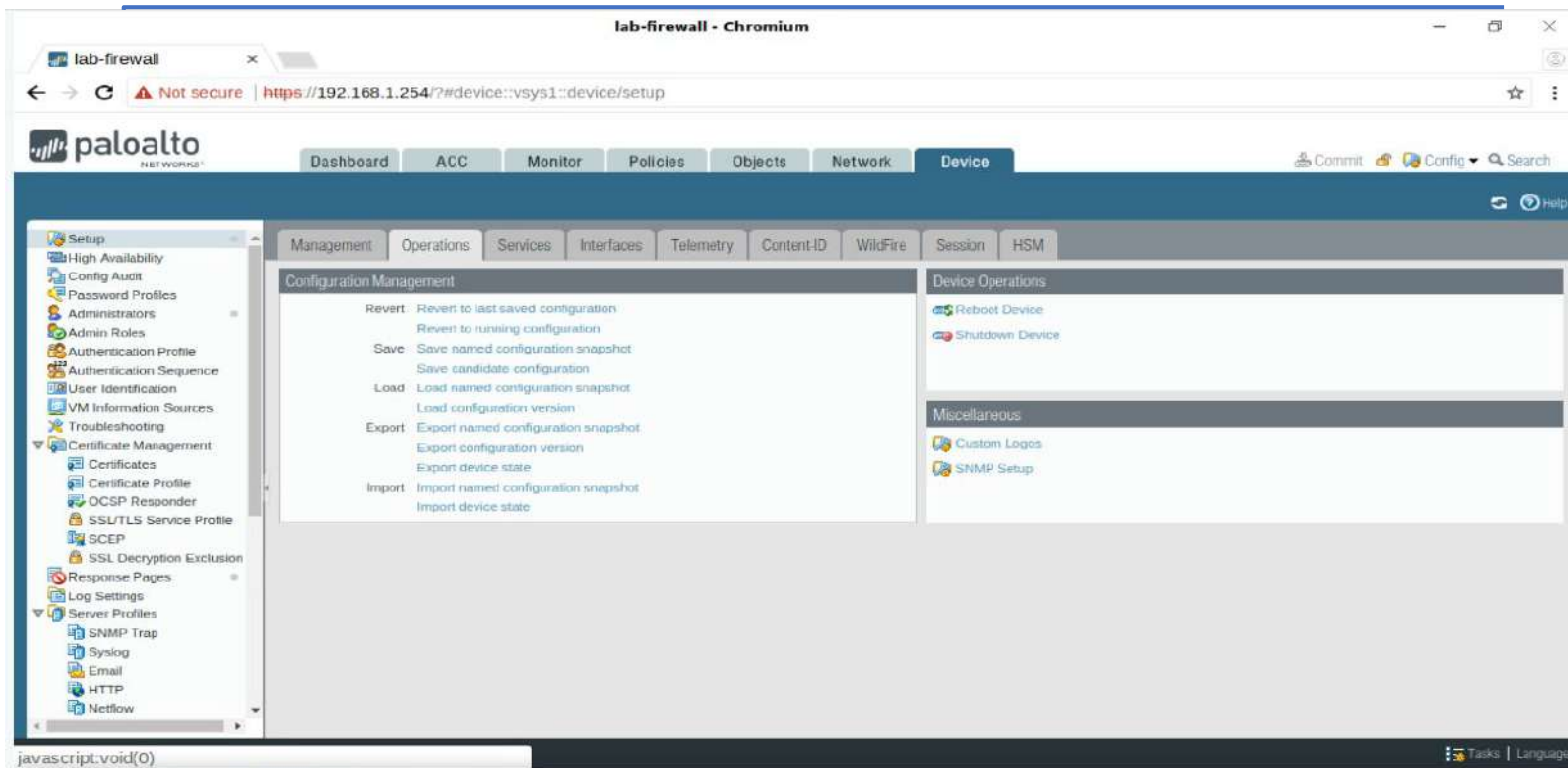
>_ Topology  Content > >_ Status  Client >  Firewall >  DMZ >  VRouter >

Time Remaining
0 45
hrs. min.

```
firewall~ login: [ 71.465190] Bits 25-60 of /proc/PID/pagemap entries are about to stop being page-shift some time soon. See the linux/documentation/en/pagemap.txt for details.
[ 186.990221] perf: interrupt took too long (2586 > 2500), lowering kernel.perf_event_max_sample_rate to 79000
[ 193.399826] perf: interrupt took too long (3121 > 3131), lowering kernel.perf_event_max_sample_rate to 63000

firewall~ login: _
```

Laboratorios LabaaS – Acceso Cliente a FW



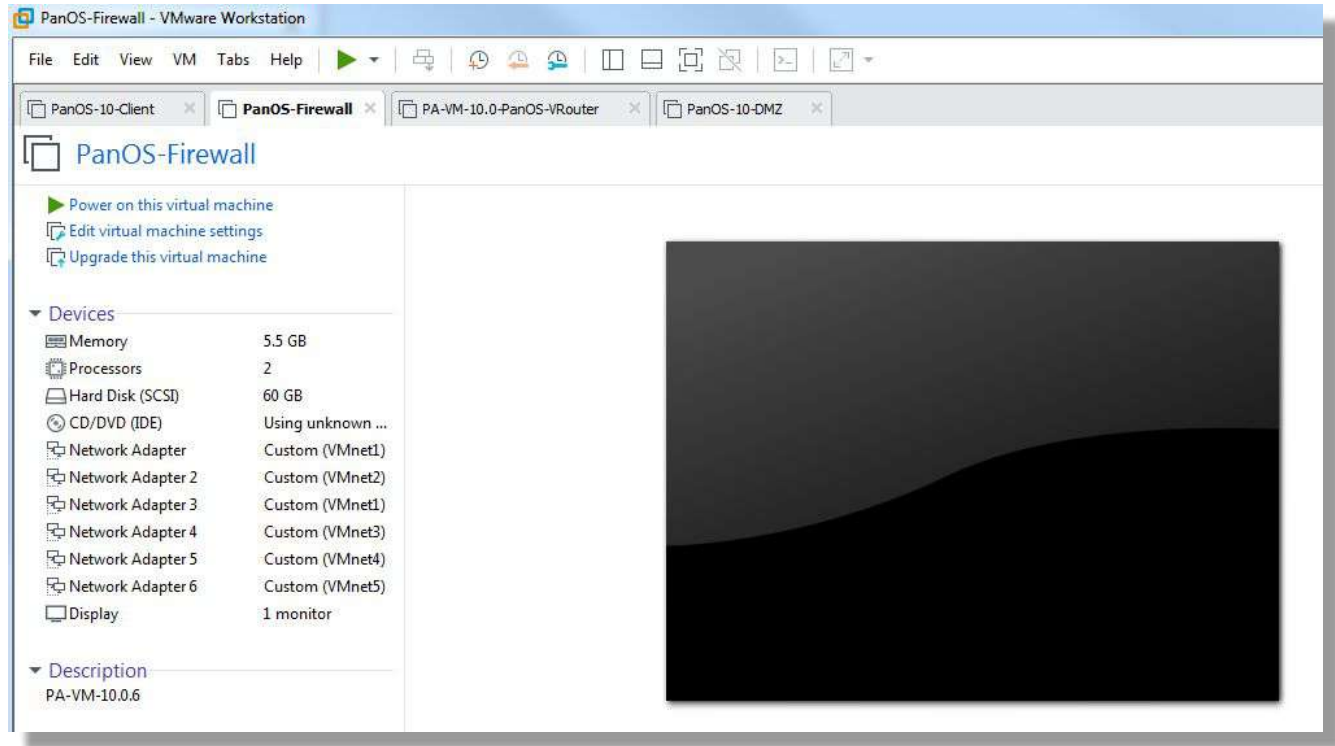
The screenshot shows the Palo Alto Networks configuration interface for a firewall device. The browser window is titled "lab-firewall - Chromium" and the address bar shows "https://192.168.1.254/#device::vsys1::device/setup". The interface includes a navigation menu on the left with categories like Setup, High Availability, Config Audit, Password Profiles, Administrators, Admin Roles, Authentication Profile, Authentication Sequence, User Identification, VM Information Sources, Troubleshooting, Certificate Management, Certificates, Certificate Profile, DCSP Responder, SSL/TLS Service Profile, SCEP, SSL Decryption Exclusion, Response Pages, Log Settings, and Server Profiles. The main content area is divided into tabs: Management, Operations, Services, Interfaces, Telemetry, Content-ID, WildFire, Session, and HSM. Under the "Management" tab, there are sections for "Configuration Management" and "Device Operations". The "Configuration Management" section includes options for Revert, Save, Load, Export, and Import. The "Device Operations" section includes options for Reboot Device and Shutdown Device. The "Miscellaneous" section includes options for Custom Logos and SNMP Setup. The bottom of the browser window shows a console message "javascript:void(0)".

Laboratorios basado en OVAs – VM-50 FW

Labs para Docencia



Distintas opciones
para acceso a labs
para docencia

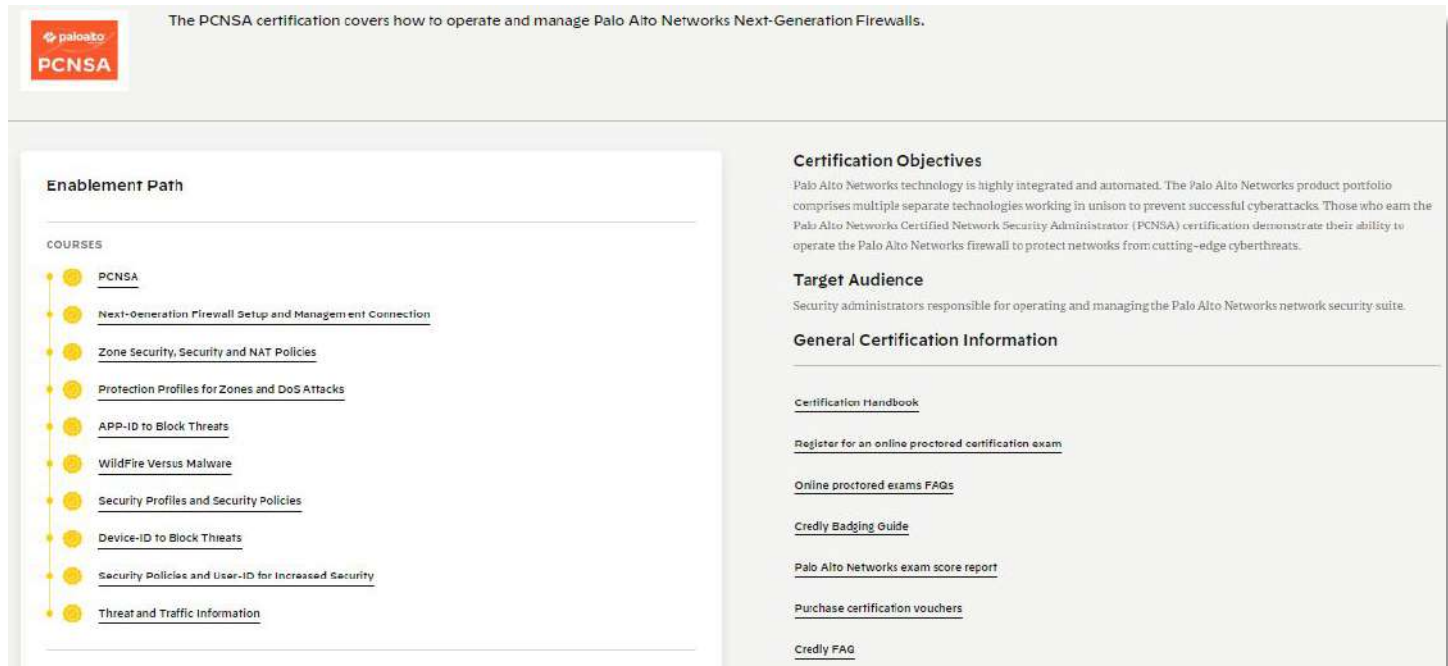


Descuentos académicos Exámenes Certificación Oficial - PCNSA

Descuento en
certificaciones
oficiales



40% de descuento
en exámenes de
certificación Palo
Alto Networks
(PCCET & PCNSA)



The PCNSA certification covers how to operate and manage Palo Alto Networks Next-Generation Firewalls.

Enablement Path

COURSES

- PCNSA
- Next-Generation Firewall Setup and Management Connection
- Zone Security, Security and NAT Policies
- Protection Profiles for Zones and DoS Attacks
- APP-ID to Block Threats
- WildFire Versus Malware
- Security Profiles and Security Policies
- Device-ID to Block Threats
- Security Policies and User-ID for Increased Security
- Threat and Traffic Information

Certification Objectives

Palo Alto Networks technology is highly integrated and automated. The Palo Alto Networks product portfolio comprises multiple separate technologies working in unison to prevent successful cyberattacks. Those who earn the Palo Alto Networks Certified Network Security Administrator (PCNSA) certification demonstrate their ability to operate the Palo Alto Networks firewall to protect networks from cutting-edge cyberthreats.

Target Audience

Security administrators responsible for operating and managing the Palo Alto Networks network security suite.

General Certification Information

- [Certification Handbook](#)
- [Register for an online proctored certification exam](#)
- [Online proctored exams FAQs](#)
- [Credly Badging Guide](#)
- [Palo Alto Networks exam score report](#)
- [Purchase certification vouchers](#)
- [Credly FAQ](#)

Descuentos académicos Exámenes Certificación Oficial - PCNSA

Descuento en certificaciones oficiales



40% de descuento
en exámenes de
certificación Palo
Alto Networks
(PCCET & PCNSA)

What is the format of the PCNSA exam?

- Certification Name: Palo Alto Networks Certified Network Security Administrator
- Delivered through Pearson VUE: <https://home.pearsonvue.com/paloaltonetworks>
- Exam Series: PCNSA
- Total Seat Time: 90 minutes
- Time for Exam Items: 80 minutes
- Time for reviewing [Palo Alto Networks Exam Security Policy](#): 5 minutes, and 5 minutes for Survey
- Number of items: 50-60
- Format: Multiple choice, Scenarios with Graphics, and Matching
- Language: English and Japanese

PUE Academy

Training & Certification Center (TCC) - Academy Support Center (ASC)



Servicios de Formación

Dirigidos a la comunidad educativa global (staff técnico, docentes, alumnos y exalumnos)

[+ Info](#)



Servicios de certificación

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Centros oficiales

PUE Academy ayuda a las instituciones educativas a convertirse en centros oficiales de formación y certificación de las organizaciones tecnológicas con más reconocimiento mundial.

[+ Info](#)



Soporte

Para la correcta implementación de las iniciativas Academy a las que se les dará acceso.

[+ Info](#)

Oferta de formación oficial dirigida a la comunidad educativa

The image shows a screenshot of the PUE Academy website. At the top, there is a dark blue navigation bar with the PUE logo on the left and menu items: DÓNDE ESTAMOS | CONTACTO | TRABAJA CON NOSOTROS | NEWSLETTER | ESP. Below this is a secondary navigation bar with: SERVICIOS | FORMACIÓN | CERTIFICACIÓN | PUE ACADEMY | CONOCE PUE | BLOG. A yellow arrow points from the 'PUE ACADEMY' link in the secondary navigation to the Palo Alto Networks logo in the main content area. The main content area features a grid of partner logos: ORACLE, Unity, Python INSTITUTE PI, Project Management Institute, vmware IT ACADEMY, COMMUNICATION SKILLS BUSINESS, QITIL ACCREDITED TRAINING ORGANIZATION (PeopleCert ON BEHALF OF AXELOS), and ATC AUTHORIZED Training Center. The Palo Alto Networks logo is highlighted with an orange border.

Oferta de formación oficial dirigida a la comunidad educativa

PRÓXIMOS CURSOS. CONSULTA TODAS LAS CONVOCATORIAS DE ESTE CURSO [AQUÍ](#)

Nota: Los precios indicados a continuación no incluyen el 21% de IVA

05 nov 2024

17 dic 2024

CONFIRMADO | Palo Alto Networks Certified Network Security Administrator - PCNSA - Online

🕒 90 horas | 📍 Online | 🗣️ Español | 🕒 Martes (18:30h - 20:00h)

 **INSCRIBIRME**

+ INFO



30%

**EN TODOS
NUESTROS CURSOS
OFICIALES**



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incluida para nuestro
colectivo PUE Alumni

NO acumulable con otras promociones

**+ Plazas de formación
incluidas en la suscripción**

Modalidad de suscripción

Programas disponibles de PUE Academy Center



Ventajas para el centro:

- Membresía AAC - Centro Palo Alto Networks Cybersecurity Academy
- Gestión de los cursos y recursos oficiales del programa
- Licenciamiento de Firewall para uso docente.
- Formación de instructores
- Certificados de finalización
- 40% de descuento en la certificación oficial PCCET/PCNSA para docentes y alumnos
- Soporte de PUE Academy Authorized Regional Academy (ARA) para la correcta implementación del programa

Entérate en primicia de nuestros eventos y novedades

Apúntate a nuestra newsletter para enterarte en primicia de nuestros eventos, novedades, lo más innovador en Data y Cloud, y lo último en formación y certificación en tecnología.



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¡Gracias!

Contáctanos. Estamos para ayudarte

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