Course Outline

Palo Alto Networks: Firewall 10.2 Essentials: Configuration and Management
Course PAN-EDU-210: 5 days Instructor Led

About this course
Learn how to configure and manage Palo Alto Networks next-generation firewalls. Successful completion of this five-day, instructor-led course will enhance the student's understanding of how to configure, secure and manage Palo Alto Networks next-generation firewalls. The student will get hands-on experience configuring, managing, and monitoring a firewall in a lab environment.

Audience profile
- Security Engineers
- Security Administrators
- Security Operations Specialists
- Security Analysts
- Support Staff

At course completion
After completing this course, students will be able to:
- 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

Course Outline

- Module 1: Palo Alto Networks Portfolio and Architecture

- Module 2: Configuring Initial Firewall Settings

- Module 3: Managing Firewall Configurations

- Module 4: Managing Firewall Administrator Accounts

- Module 5: Connecting the Firewall to Production Networks with Security Zones

- Module 6: Creating and Managing Security Policy Rules

- Module 7: Creating and Managing NAT Policy Rules

- Module 8: Controlling Application Usage with App-ID

- Module 9: Blocking Known Threats Using Security Profiles

- Module 10: Blocking Inappropriate Web Traffic with URL Filtering

- Module 11: Blocking Unknown Threats with Wildfire

- Module 12: Controlling Access to Network Resources with User-ID

- Module 13: Using Decryption to Block Threats in Encrypted Traffic

- Module 14: Locating Valuable Information Using Logs and Reports

- Module 15: What's Next in Your Training and Certification Journey

Course Outline

- Appendix A - Securing Endpoints with GlobalProtect
- Appendix B – Providing Firewall Redundancy with High Availability
- Appendix C - Connecting Remotes Sites using VPNs
- Appendix D – Configuring User-ID Windows Agent