CORE NETWORKING CLASSES

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Overview

GET TRAINING BY INDUSTRY EXPERT AND CERTIFIED TRAINERS

Training Type
Online

Course Duration
1.5 Months

No of Hours
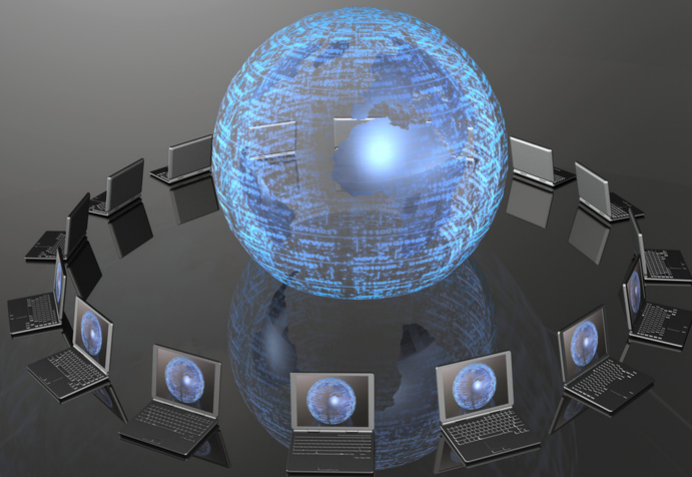2 Hours/Day

Certificate
Palo-Alto PCNSA - PCNSE

Skill Level
Intermediate

Study Material
Yes

Batches Available
Weekdays/Weekends

PALO-ALTO

THIS COURSE WILL INCLUDE PCNSE TO PCNSA LEVEL KNOWLEDGE OF PALOALTO NEXT GENERATION ENTERPRISE FIREWAL

CONTENT

COURSE CONTENT

01 Next-Generation Security Platform and Architecture overview

- Overview of the PA NGFW
- Platform and architecture overview
- SP3 Architecture overview
- Packet Flow ofPaloAlto Firewall

02 Virtual, Physical and Cloud Deployment

- Different modes of Firewall deployment
- Deployment types of PA NGFW.

03 Initial Configuration

- Installation and lab setup for practical
- Initial configuration setup for device access
- Basic configuration check
- Hostname, Banner, DNS and NTP configuration
- Licensing, dynamic updates and software updates walkthrough

04 Interface Configuration

- Different modes of interfaces during deployment
- Scenario based Use cases of interface modes

05 Security and NAT Policies

- NAT configuration for Private-Public IP mapping
- Security policy configuration for Interzone communication
- Basic topology for internet access in virtual lab environment

06 App-ID™

- Overview of the advanced feature-set ofPaloAlto Firewall
- Object configuration and assignment to respective policy
- Lab for App filtering policy configuration and management
- Application category and risk management check
- Application group configuration for administration

07 Content-ID™

- Use the Content-ID feature to define settings for URL filtering and data protection

08 URL Filtering

- URL filtering overview in PaloAlto NGFW
- URL categories, URL filtering profile and filtering profile action

09 Decryption

- Decryption overview and decryption concept
- Decryption policy configuration for SSL inspection
- Verify decryption at PaloAlto end

10 WildFire

- Overview of the WildFire feature of PaloAlto firewall

11 User-ID

- User mapping for legitimate access of the network services
- Use-ID agent and Captive portal settings

12 GlobalProtect

- Global protect overview and use cases
- Global protect user authentication
- Setup of Two-Factor authentication
- Enable group mapping

13 Site-to-Site VPNs

- Site-to-Site VPN overview
- Phase-1 and phase-2 components required for configuration
- IPSec VPN configuration on PaloAlto Firewall