

PALOALTO Firewall – PAN 10x

PALOALTO CONTENT :- New panos 10x

Introduction to firewalls 1 Generation and 2nd Gne firewalls

- Understanding 1 Generation firewalls
- Understanding 2 Generation firewalls
- Understanding 2nd Gne Firewalls and futures
- Understanding UTM firewalls futures

Introduction to Paloalto Technologies :-

- What's new in Paloalto 8x
- Paloalto Architecture
- Packet flow

Introduction to Paloalto Hardware

- Small and SMB Firewalls
- Medium Hardware Firewalls
- ISP and Data center firewalls

Deployment Platforms

- Installing Paloalto Windows o/s
- Configure Lab Setup
- Building own Lab

Basic Configurastion :-

- Management interface
- Configure DNS,
- Configuare interfaces & Zones
- Configure virtual router
- Configure DHCP

PaloaltoCofigurastin backup:-

- Exporting Backup and Importing Backup
- Licence and Next Gen firewall fetures
- Upgrade firewall

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Basic policy creation Paloalto:-

- Configure Basic policy
- Configure policy based on services
- Configure policy based protocols
- Configure policy based on applicastions
- Configure policy based on wild masks
- Configure policy based on region
- Configure policy based on devices
- Configure unidirectional and bidirectional policy 's

Paloalto Nat Configuration :-

- Configure Basic policy
- Source nat
- Destinastion nat
- U-turn nat

Paloalto App-id concepts :-

- Protocols Classificastion
- Signarure
- Decryption
- Decoders
- Actions
- App-id Override

Paloalto SSL decrypstion :-

- Create SSL Certificate
- Export SSL certificate
- Deploy on Client systems
- Create Decryption policy
- Configure SSL Decrypstion exceptions

Paloalto LDAP integrastion :-

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- Create LDAP Server profile
- Create Authentication profile
- User identification
- Enable user-id on zone

Paloalto content Id:-

- Antivirus security profiles
- Anti-spyware security profile
- File blocking profile
- URL filter profile
- Data Filter profile
- Wildfire private and public cloud configuration
- Attaching security profiles to security policy rules

Paloalto content Id: PACKET BASED ATTACK PROTECTION

- ZONE PROTECTION
- DOS PROTECTION
- Configure dynamic block list



Paloalto Dynamic Routing Configuration :-

- RIP Configuration
- Ospf configuration
- BGP Configuration
- Redistribution
- Configure multiple virtual routers

Paloalto ISP Redundancy

- Configure Dual ISP'S

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- Configure policy based routing

Paloalto High Availability

- Configure Active-Standby
- Configure Active-Active

Paloalto VPN Configuration :-

- IPSEC VPN overview
- Paloalto to cisco ipsec vpn configuration
- Paloalto to paloalto ip sec vpn configuration
- Paloalto to paloalto ip sec vpn Aggressive mode configuration
- Paloalto to cisco ASA vpn configuration
- Paloalto to paloalto hub and spoke configuration
- Paloalto to fortigate vpn configuration

Paloalto Global Protect vpn Configuration :-

- Create LDAP Server profile
- Create Authentication profile
- Configure global protect vpn
- Troubleshoot global protect vpn

Paloalto MONITOR:-

- BASIC monitoring traffic
- Monitor based on content id traffic
- ACC monitor

PALOALTO MIGRATION :-

- Configure migration vm
- Before migration steps
- Migration from asa to paloalto firewall

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Paloalto Panorama configurastion and implementation



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