Zetlan Technologies

Palo Alto Network Certified Network Security Administrator

Online Course

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- ✓ Flexible Schedule
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Course Modules

1.Device Management and Services

- Demonstrate knowledge of firewall management interfaces
  - Management interfaces
  - Methods of access
  - Access restrictions
  - Identity-management traffic flow
  - Management services
  - Service routes
- Provision local administrators
  - Authentication profile
  - Authentication sequence
- Assign role-based authentication
- Maintain firewall configurations
  - Running configuration
  - Candidate configuration
  - Discern when to use load, save, import, and export
  - Differentiate between configuration states
  - Back up Panorama configurations and firewalls from Panorama

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- Push policy updates to Panorama-managed firewalls
  - Device groups and hierarchy
  - Where to place policies
  - Implications of Panorama management
  - Impact of templates, template stacks, and hierarchy
- Schedule and install dynamic updates
  - From Panorama
  - From the firewall
  - Scheduling and staggering updates on an HA pair
- Create and apply security zones to policies
  - Identify zone types
  - External types
  - Layer 2
  - Layer 3
  - TAP
  - Wire
  - Tunnel
- Identify and configure firewall interfaces
  - Different types of interfaces
  - How interface types affect Security policies
- Steps to create a static route
  - How to use the routing table
  - What interface types can be added to a virtual or logical router
  - How to configure route monitoring

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2.Managing Objects

- Create and maintain address and address group objects
  - How to tag objects
  - Differentiate between address objects
  - Static groups versus dynamic groups
- Create and maintain services and service groups
- Create and maintain external dynamic lists
- Configure and maintain application filters and application groups
  - When to use filters versus groups
  - Purpose of app charactristcs as defined in the App-ID database

3.Policy Evaluation and Management

- Develop the appropriate application-based Security policy
  - Create an appropriate App-ID rule
  - Rule shadowing
  - Group rules by tag
  - The potential impact of App-ID updates to existg Securty policy
- Policy usage statistics
- Differentiate specific security rule types
  - Interzone
  - Intrazone
  - Universal

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- Config Security policy match conditions, actions, & logging optns
  - Application filters and groups
  - Logging options
  - App-ID
  - User-ID
  - Device-ID
  - Application filter in policy
  - Application group in policy
  - EDLs
- Identify and implement proper NAT policies
  - Destination
  - Source
- Optimize Security policies using appropriate tools
  - Policy test match tool
  - Policy Optimizer

4.Securing Traffic

- Compare and contrast different types of Security profiles
  - Antivirus
  - Anti-Spyware
  - Vulnerability Protection
  - URL Filtering
  - Wild Fire Analysis

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- Create, add, & apply the appropriate Security profiles & groups
  - Antivirus
  - Anti-Spyware
  - Vulnerability Protection
  - URL Filtering
  - Wild Fire Analysis
  - Configure threat prevention policy
- Differentiate between Security profile actions
- Use information available in logs
  - Traffic
  - Threat
  - Data
  - System logs
- Enable DNS Security to control traffic based on domains
  - Configure DNS Security
  - Apply DNS Security in policy
- Create and deploy URL-filtering-based controls
  - Apply a URL profile in a Security policy
  - Create a URL Filtering profile
  - Create a custom URL category
  - Control traffic based on a URL category
  - Why a URL was blocked
  - How to allow a blocked URL
  - How to request a URL recategorization

- Differentiate betwn group mappg and IP-to-user mapping
  - How to control access to specific locations
  - How to apply to specific policies
  - Identify users within the ACC and the monitor tab

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For contact: +91 8680961847
+91 9600579474