PCNSE Dumps

Palo Alto Networks Certified Security Engineer (PCNSE)PAN-OS 9.0

https://www.certleader.com/PCNSE-dumps.html

NEW QUESTION 1
- (Exam Topic 2)
Which CLI command enables an administrator to view details about the firewall including uptime, PAN-OS® version, and serial number?

A. debug system details
B. show session info
C. show system info
D. show system details

Answer: C

Explanation:
Reference:
https://www.paloaltonetworks.com/content/dam/pan/en_US/assets/pdf/technical-documentation/pan-os-60/PAN CLI-ref.pdf

NEW QUESTION 2
- (Exam Topic 2)
Which option is part of the content inspection process?

A. Packet forwarding process
B. SSL Proxy re-encrypt
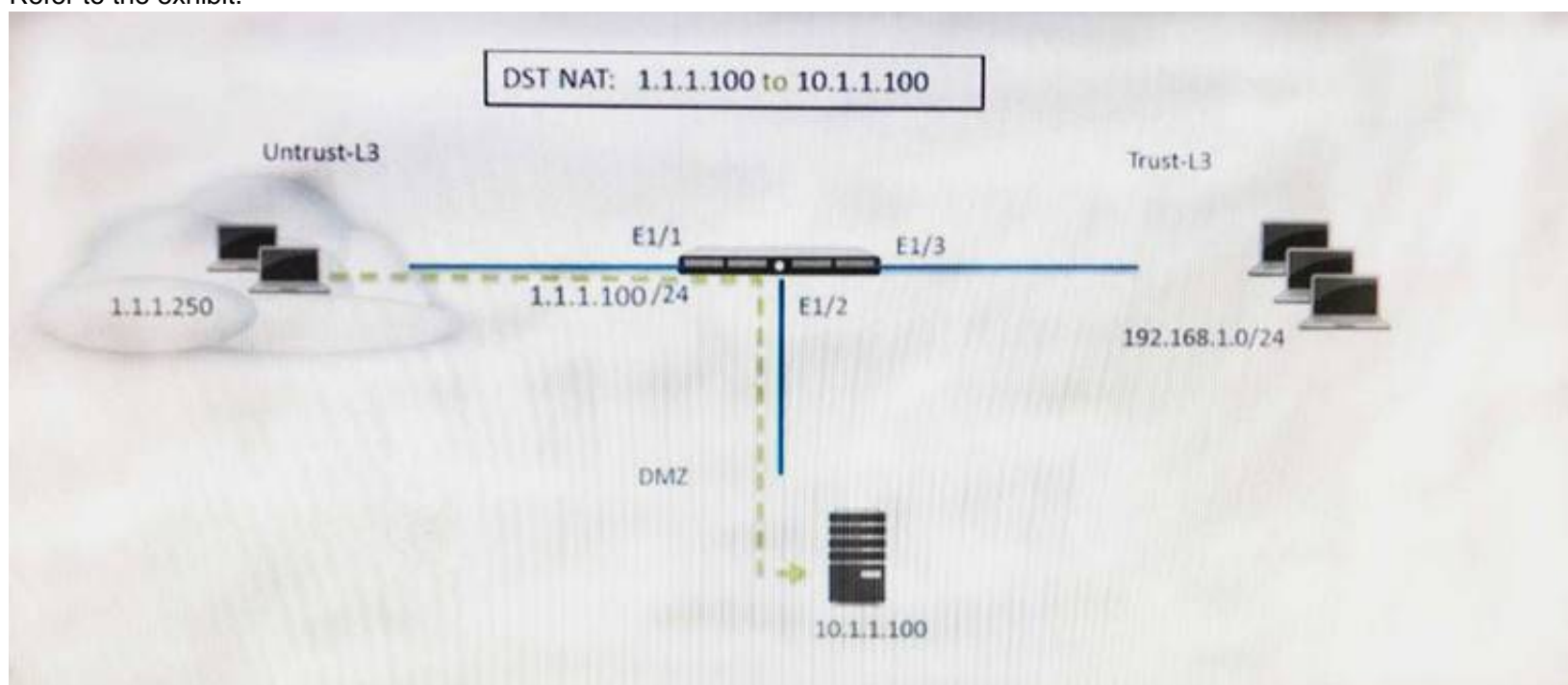C. IPsec tunnel encryption
D. Packet egress process

Answer: B

Explanation:
http://live.paloaltonetworks.com//t5/image/serverpage/image-id/12862i950F549C7D4E6309

NEW QUESTION 3
- (Exam Topic 2)
Refer to the exhibit.

A web server in the DMZ is being mapped to a public address through DNAT. Which Security policy rule will allow traffic to flow to the web server?

A. Untrust (any) to Untrust (10. 1.1. 100), web browsing – Allow
B. Untrust (any) to Untrust (1. 1. 1. 100), web browsing – Allow
C. Untrust (any) to DMZ (1. 1. 1. 100), web browsing – Allow
D. Untrust (any) to DMZ (10. 1. 1. 100), web browsing – Allow

Answer: C

Explanation:
https://docs.paloaltonetworks.com/pan-os/8-0/pan-os-admin/networking/nat/nat-configuration-examples/destinat

NEW QUESTION 4
- (Exam Topic 2)
A global corporate office has a large-scale network with only one User-ID agent, which creates a bottleneck
near the User-ID agent server. Which solution in PAN-OS® software would help in this case?

A. Application override
B. Redistribution of user mappings
C. Virtual Wire mode
D. Content inspection

Answer: B

Explanation:

https://docs.paloaltonetworks.com/pan-os/10-0/pan-os-admin/user-id/deploy-user-id-in-a-large-scale-network.ht

NEW QUESTION 5
- (Exam Topic 2)
An administrator has left a firewall to use the default port for all management services. Which three functions are performed by the dataplane? (Choose three.)

A. WildFire updates
B. NAT
C. NTP
D. antivirus
E. File blocking

Answer: BDE

NEW QUESTION 6
- (Exam Topic 2)
During the packet flow process, which two processes are performed in application identification? (Choose two.)

A. Pattern based application identification
B. Application override policy match
C. Application changed from content inspection
D. Session application identified.

Answer: AB

Explanation:

https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000ClVHCA0 http://live.paloaltonetworks.com//t5/image/serverpage/image-id/12862i950F549C7D4E6309

NEW QUESTION 7
- (Exam Topic 2)
Which method will dynamically register tags on the Palo Alto Networks NGFW?

A. Restful API or the VMWare API on the firewall or on the User-ID agent or the read-only domain controller (RODC)
B. Restful API or the VMware API on the firewall or on the User-ID agent
C. XML-API or the VMware API on the firewall or on the User-ID agent or the CLI
D. XML API or the VM Monitoring agent on the NGFW or on the User-ID agent
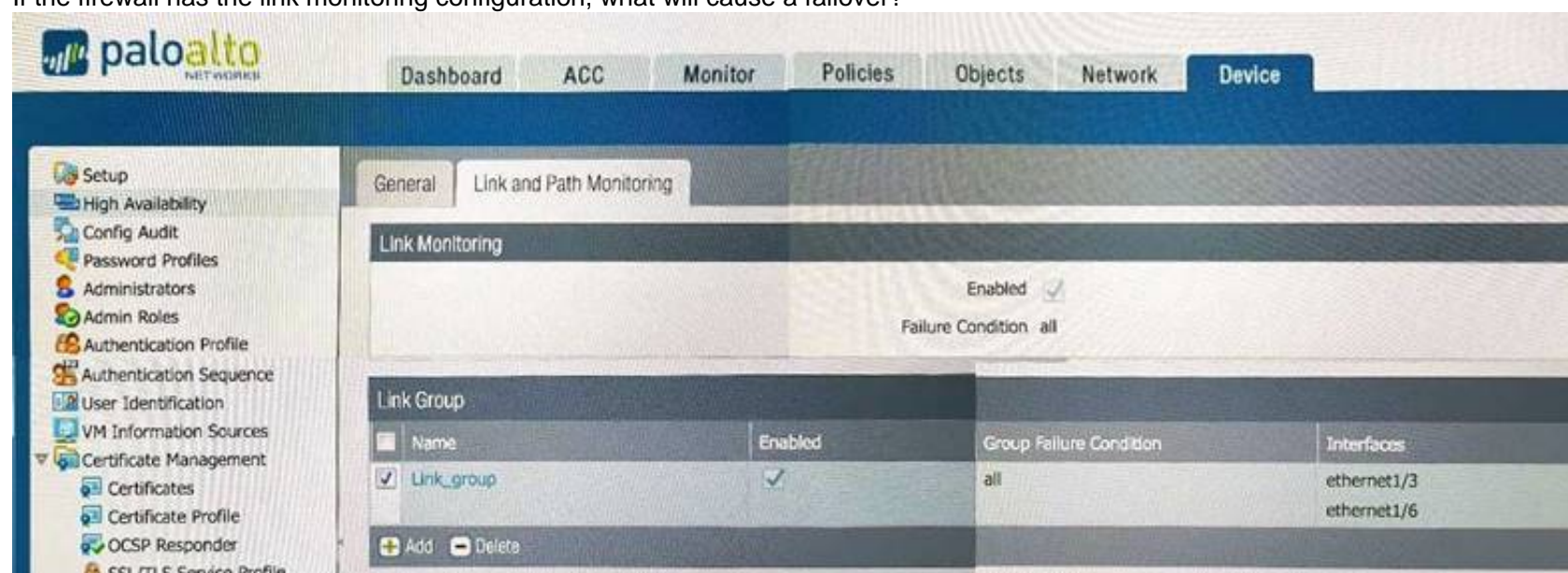
Answer: D

Explanation:
Reference:
https://docs.paloaltonetworks.com/pan-os/10-0/pan-os-admin/policy/monitor-changes-in-the-virtual-environmen

NEW QUESTION 8
- (Exam Topic 2)
If the firewall has the link monitoring configuration, what will cause a failover?

A. ethernet1/3 and ethernet1/6 going down
B. ethernet1/3 going down
C. ethernet1/3 or Ethernet1/6 going down
D. ethernet1/6 going down

Answer: A

NEW QUESTION 9
- (Exam Topic 2)
A client has a sensitive application server in their data center and is particularly concerned about session flooding because of denial-of-service attacks.

How can the Palo Alto Networks NGFW be configured to specifically protect this server against session floods originating from a single IP address?

A. Define a custom App-ID to ensure that only legitimate application traffic reaches the server
B. Add QoS Profiles to throttle incoming requests
C. Add a tuned DoS Protection Profile
D. Add an Anti-Spyware Profile to block attacking IP address

Answer: C

NEW QUESTION 10
- (Exam Topic 2)
An administrator needs to upgrade a Palo Alto Networks NGFW to the most current version of PAN-OS® software. The firewall has internet connectivity through an Ethernet interface, but no internet connectivity from the management interface. The Security policy has the default security rules and a rule that allows all web-browsing traffic from any to any zone. What must the administrator configure so that the PAN-OS® software can be upgraded?

A. Security policy rule
B. CRL
C. Service route
D. Scheduler

Answer: A

NEW QUESTION 10
- (Exam Topic 2)
A global corporate office has a large-scale network with only one User-ID agent, which creates a bottleneck near the User-ID agent server.
Which solution in PAN-OS® software would help in this case?

A. application override
B. Virtual Wire mode
C. content inspection
D. redistribution of user mappings

Answer: D

Explanation:
Reference:
https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/user-id/deploy-user-id-in-a-large-scale-net

NEW QUESTION 13
- (Exam Topic 2)
How can a candidate or running configuration be copied to a host external from Panorama?

A. Commit a running configuration.
B. Save a configuration snapshot.
C. Save a candidate configuration.
D. Export a named configuration snapshot.

Answer: D

Explanation:
Reference:
https://www.paloaltonetworks.com/documentation/71/panorama/panorama_adminguide/administer-panorama/ba panorama-and-firewall-configurations

NEW QUESTION 15
- (Exam Topic 2)
Starling with PAN-OS version 9.1, GlobalProtect logging information is now recorded in which firewall log?

A. Configuration
B. GlobalProtect
C. Authentication
D. System

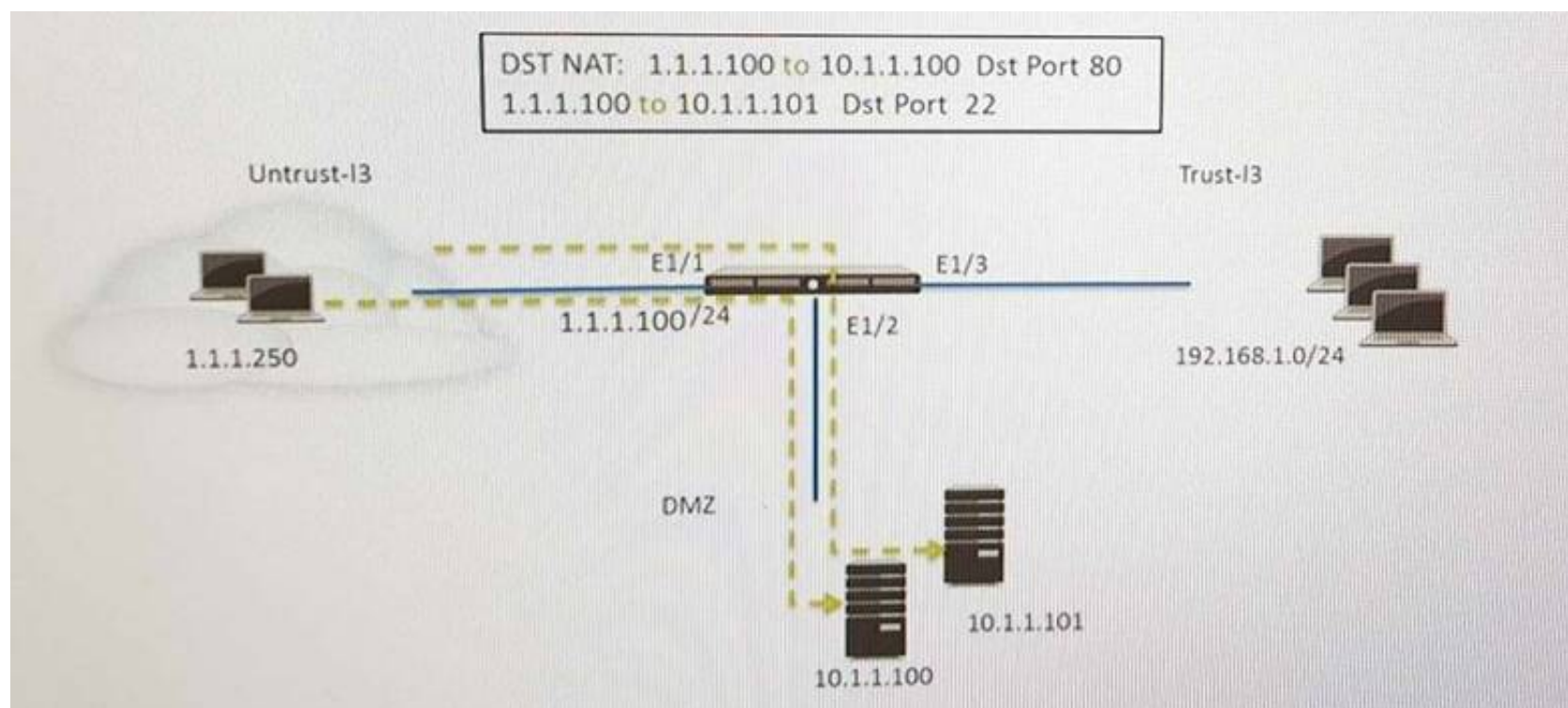**Answer:** C

NEW QUESTION 16
- (Exam Topic 2)
Refer to the exhibit.

An administrator is using DNAT to map two servers to a single public IP address. Traffic will be steered to the specific server based on the application, where Host A (10.1.1.100) received HTTP traffic and host B(10.1.1.101) receives SSH traffic.
Which two security policy rules will accomplish this configuration? (Choose two)

A. Untrust (Any) to Untrust (10.1.1.1) Ssh-Allow
B. Untrust (Any) to DMZ (1.1.1.100) Ssh-Allow
C. Untrust (Any) to DMZ (1.1.1.100) Web-browsing -Allow
D. Untrust (Any) to Untrust (10.1.1.1) Web-browsing -Allow

Answer: CD

NEW QUESTION 18
- (Exam Topic 2)
What is exchanged through the HA2 link?

A. hello heartbeats
B. User-ID information
C. session synchronization
D. HA state information

Answer: C

Explanation:
Reference:
https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/high-availability/ha-links-and-backup-links

NEW QUESTION 22
- (Exam Topic 2)
Which feature can provide NGFWs with User-ID mapping information?

A. Web Captcha
B. Native 802.1q authentication
C. GlobalProtect
D. Native 802.1x authentication

Answer: C

NEW QUESTION 25
- (Exam Topic 2)
What should an administrator consider when planning to revert Panorama to a pre-PAN-OS 8.1 version?

A. Panorama cannot be reverted to an earlier PAN-OS release if variables are used in templates or template stacks.
B. An administrator must use the Expedition tool to adapt the configuration to the pre-PAN-OS 8.1 state.
C. When Panorama is reverted to an earlier PAN-OS release, variables used in templates or template stacks will be removed automatically.
D. Administrators need to manually update variable characters to those used in pre-PAN-OS 8.1.

Answer: A

NEW QUESTION 27
- (Exam Topic 2)
An administrator has enabled OSPF on a virtual router on the NGFW. OSPF is not adding new routes to the virtual router. Which two options enable the administrator to troubleshoot this issue? (Choose two.)

A. View Runtime Stats in the virtual router.
B. View System logs.
C. Add a redistribution profile to forward as BGP updates.
D. Perform a traffic pcap at the routing stage.

Answer: AB

Explanation:
 https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000CldcCAC

NEW QUESTION 28
- (Exam Topic 2)
Which option would an administrator choose to define the certificate and protocol that Panorama and its managed devices use for SSL/TLS services?

A. Configure a Decryption Profile and select SSL/TLS services.
B. Set up SSL/TLS under Polices > Service/URL Category>Service.
C. Set up Security policy rule to allow SSL communication.
D. Configure an SSL/TLS Profile.

Answer: D

Explanation:
Reference:
https://www.paloaltonetworks.com/documentation/80/pan-os/web-interface-help/device/device-certificate-mana ssltls-service-profile

NEW QUESTION 30
- (Exam Topic 2)
Which two virtualization platforms officially support the deployment of Palo Alto Networks VM-Series firewalls? (Choose two.)

A. Red Hat Enterprise Virtualization (RHEV)
B. Kernel Virtualization Module (KVM)
C. Boot Strap Virtualization Module (BSVM)
D. Microsoft Hyper-V

Answer: BD

Explanation:
Reference:
https://www.paloaltonetworks.com/products/secure-the-network/virtualized-next-generation-firewall/vm-series
docs.paloaltonetworks.com/vm-series/8-0/vm-series-deployment/about-the-vm-series-firewall/vm-series-deploy

NEW QUESTION 32
- (Exam Topic 2)
Which two methods can be used to verify firewall connectivity to AutoFocus? (Choose two.)

A. Verify AutoFocus status using CLI.
B. Check the WebUI Dashboard AutoFocus widget.
C. Check for WildFire forwarding logs.
D. Check the license
E. Verify AutoFocus is enabled below Device Management tab.

Answer: DE

Explanation:
Reference:
https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/getting-started/enable-autofocus-threat-inte

NEW QUESTION 33
- (Exam Topic 2)
Which three authentication factors does PAN-OS® software support for MFA (Choose three.)

A. Push
B. Pull
C. Okta Adaptive
D. Voice
E. SMS

Answer: ADE

Explanation:
Reference:
https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/authentication/configure-multi-factor-authe

NEW QUESTION 36
- (Exam Topic 2)
NO: 103
Which prerequisite must be satisfied before creating an SSH proxy Decryption policy?

A. Both SSH keys and SSL certificates must be generated.
B. No prerequisites are required.
C. SSH keys must be manually generated.
D. SSL certificates must be generated.

Answer: B

Explanation:
Reference:
https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/decryption/configure-ssh-proxy
"In an SSH Proxy configuration, the firewall resides between a client and a server. SSH Proxy enables the firewall to decrypt inbound and outbound SSH connections and ensures that attackers don't use SSH to tunnel unwanted applications and content. SSH decryption does not require certificates and the firewall automatically generates the key used for SSH decryption when the firewall boots up."

NEW QUESTION 40
- (Exam Topic 2)
An administrator accidentally closed the commit window/screen before the commit was finished. Which two options could the administrator use to verify the progress or success of that commit task? (Choose two.)

A. Configuration Logs
B. System Logs
C. Task Manager
D. Traffic Logs

Answer: BC

NEW QUESTION 44
- (Exam Topic 2)
SD-WAN is designed to support which two network topology types? (Choose two.)

A. ring
B. point-to-point
C. hub-and-spoke
D. full-mesh

Answer: CD

NEW QUESTION 47
- (Exam Topic 2)
Which Palo Alto Networks VM-Series firewall is valid?

A. VM-25
B. VM-800
C. VM-50
D. VM-400

Answer: C

Explanation:
Reference:
https://www.paloaltonetworks.com/products/secure-the-network/virtualized-next-generation-firewall/vm-series
https://docs.paloaltonetworks.com/vm-series/9-0/vm-series-deployment/about-the-vm-series-firewall/vm-series

NEW QUESTION 51
- (Exam Topic 2)
An administrator creates a custom application containing Layer 7 signatures. The latest application and threat dynamic update is downloaded to the same NGFW. The update contains an application that matches the same traffic signatures as the custom application. Which application should be used to identify traffic traversing the NGFW?

A. Custom application
B. System logs show an application error and neither signature is used.
C. Downloaded application
D. Custom and downloaded application signature files are merged and both are used

Answer: C

NEW QUESTION 56
- (Exam Topic 2)
What is the purpose of the firewall decryption broker?

A. Decrypt SSL traffic a then send it as cleartext to a security chain of inspection tools
B. Force decryption of previously unknown cipher suites
C. Inspection traffic within IPsec tunnel
D. Reduce SSL traffic to a weaker cipher before sending it to a security chain of inspection tools

Answer: A

NEW QUESTION 60
- (Exam Topic 2)
An administrator logs in to the Palo Alto Networks NGFW and reports that the WebUl is missing the Policies tab. Which profile is the cause of the missing Policies tab?

A. Admin Role
B. WebUI
C. Authentication
D. Authorization

Answer: A

NEW QUESTION 65
- (Exam Topic 2)
If an administrator does not possess a website's certificate, which SSL decryption mode will allow the Palo Alto networks NGFW to inspect when users browse to HTTP(S) websites?

A. SSL Forward Proxy
B. SSL Inbound Inspection
C. TLS Bidirectional proxy
D. SSL Outbound Inspection

Answer: A

Explanation:
https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000ClV8CAK

NEW QUESTION 66
- (Exam Topic 2)
Which two are valid ACC GlobalProtect Activity tab widgets? (Choose two)

A. Successful GlobalProtect Connection Activity
B. Successful GlobalProtect Deployed Activity
C. GlobalProtect Quarantine Activity
D. GlobalProtect Deployment Activity

Answer: AC

NEW QUESTION 69
- (Exam Topic 2)
A Security policy rule is configured with a Vulnerability Protection Profile and an action of 'Deny". Which action will this cause configuration on the matched traffic?

A. The configuration is invali
B. The Profile Settings section will be grayed out when the Action is set to "Deny".
C. The configuration will allow the matched session unless a vulnerability signature is detecte
D. The "Deny" action will supersede theper-severity defined actions defined in the associated Vulnerability Protection Profile.
E. The configuration is invali
F. It will cause the firewall to skip this Security policy rul
G. A warning will be displayed during a commit.
H. The configuration is vali
I. It will cause the firewall to deny the matched session
J. Any configured Security Profiles have no effect if the Security policy rule action is set to "Deny."

Answer: D

Explanation:
"Security profiles are not used in the match criteria of a traffic flow. The security profile is applied to scan traffic after the application or category is allowed by the security policy."
https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/policy/security-profiles.html#

NEW QUESTION 74
- (Exam Topic 2)
Which three user authentication services can be modified to provide the Palo Alto Networks NGFW with both usernames and role names? (Choose three.)

A. TACACS+
B. Kerberos
C. PAP
D. LDAP
E. SAML
F. RADIUS

Answer: BDE

Explanation:
https://docs.paloaltonetworks.com/pan-os/8-0/pan-os-admin/firewall-administration/manage-firewall-administra

NEW QUESTION 77
- (Exam Topic 2)
The firewall identifies a popular application as an unknown-tcp.
Which two options are available to identify the application? (Choose two.)

A. Create a custom application.
B. Create a custom object for the custom application server to identify the custom application.

C. Submit an Apple-ID request to Palo Alto Networks.
D. Create a Security policy to identify the custom application.

Answer: AD

Explanation:
https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/app-id/manage-custom-or-unknown-applic

NEW QUESTION 79
- (Exam Topic 2)
Which CLI command enables an administrator to check the CPU utilization of the dataplane?

A. show running resource-monitor
B. debug data-plane dp-cpu
C. show system resources
D. debug running resources

Answer: A

Explanation:
https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000ClXwCAK

NEW QUESTION 80
- (Exam Topic 2)
A customer wants to set up a VLAN interface for a Layer 2 Ethernet port.
Which two mandatory options are used to configure a VLAN interface? (Choose two.)

A. Virtual router
B. Security zone
C. ARP entries
D. Netflow Profile

Answer: AB

Explanation:
Reference:
https://www.paloaltonetworks.com/documentation/80/pan-os/web-interface-help/network/network-interfaces/pa
layer-2-interface#idd2bcaacc-54b9-4ec9-a1dd-8064499f5b9d
https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000ClRqCAK
VLAN interface is not necessary but in this scenarion we assume it is. Create VLAN object, VLAN interface and VLAN Zone. Attach VLAN interface to VLAN object together with two L2 interfaces then attach VLAN interface to virtual router. Without VLAN interface you can pass traffic between interfaces on the same network and with VLAN interface you can route traffic to other networks.

NEW QUESTION 81
- (Exam Topic 2)
A speed/duplex negotiation mismatch is between the Palo Alto Networks management port and the switch port which it connects. How would an administrator configure the interface to 1Gbps?

A. set deviceconfig interface speed-duplex 1Gbps-full-duplex
B. set deviceconfig system speed-duplex 1Gbps-duplex
C. set deviceconfig system speed-duplex 1Gbps-full-duplex
D. set deviceconfig Interface speed-duplex 1Gbps-half-duplex

Answer: C

Explanation:
Reference:
https://live.paloaltonetworks.com/t5/Configuration-Articles/How-to-Change-the-Speed-and-Duplex-of-the-Man Port/ta-p/59034
user@PA# set deviceconfig system speed-duplex100Mbps-full-duplex
100Mbps-full-duplex100Mbps-half-duplex 100Mbps-half-duplex10Mbps-full-duplex 10Mbps-full-duplex10Mbps-half-duplex 10Mbps-half-duplex1Gbps-full-duplex
1Gbps-full-duplex1Gbps-half-duplex 1Gbps-half-duplexauto-negotiate auto-negotiate

NEW QUESTION 86
- (Exam Topic 2)
Which event will happen if an administrator uses an Application Override Policy?

A. Threat-ID processing time is decreased.
B. The Palo Alto Networks NGFW stops App-ID processing at Layer 4.
C. The application name assigned to the traffic by the security rule is written to the Traffic log.
D. App-ID processing time is increased.

Answer: B

Explanation:
Reference:
https://live.paloaltonetworks.com/t5/Learning-Articles/Tips-amp-Tricks-How-to-Create-an-Application-Overrid
https://docs.paloaltonetworks.com/pan-os/7-1/pan-os-admin/app-id/manage-custom-or-unknown- applications#

NEW QUESTION 87
- (Exam Topic 2)
Which processing order will be enabled when a Panorama administrator selects the setting "Objects defined in ancestors will take higher precedence?"

A. Descendant objects will take precedence over other descendant objects.
B. Descendant objects will take precedence over ancestor objects.
C. Ancestor objects will have precedence over descendant objects.
D. Ancestor objects will have precedence over other ancestor objects.

Answer: C

Explanation:
Reference:
https://www.paloaltonetworks.com/documentation/71/pan-os/web-interface-help/device/device-setup-manageme

NEW QUESTION 90
- (Exam Topic 2)
An administrator needs to upgrade an NGFW to the most current version of PAN-OS® software. The following is occurring:
•Firewall has Internet connectivity through e1/1.
•Default security rules and security rules allowing all SSL and web-browsing traffic to and from any zone.
•Service route is configured, sourcing update traffic from e1/1.
•A communication error appears in the System logs when updates are performed.
•Download does not complete.
What must be configured to enable the firewall to download the current version of PAN-OS software?

A. DNS settings for the firewall to use for resolution
B. scheduler for timed downloads of PAN-OS software
C. static route pointing application PaloAlto-updates to the update servers
D. Security policy rule allowing PaloAlto-updates as the application

Answer: D

NEW QUESTION 94
- (Exam Topic 2)
Which CLI command is used to simulate traffic going through the firewall and determine which Security policy rule, NAT translation, static route, or PBF rule will be triggered by the traffic?

A. check
B. find
C. test
D. sim

Answer: C

Explanation:
Reference: http://www.shanekillen.com/2014/02/palo-alto-useful-cli-commands.html
https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000ClQSCA0

NEW QUESTION 97
- (Exam Topic 2)
Which PAN-OS® policy must you configure to force a user to provide additional credentials before he is allowed to access an internal application that contains highly-sensitive business data?

A. Security policy
B. Decryption policy
C. Authentication policy
D. Application Override policy

Answer: C

NEW QUESTION 99
- (Exam Topic 2)
Which administrative authentication method supports authorization by an external service?

A. Certificates
B. LDAP
C. RADIUS
D. SSH keys

Answer: C

NEW QUESTION 100
- (Exam Topic 2)
A company needs to preconfigure firewalls to be sent to remote sites with the least amount of reconfiguration. Once deployed, each firewall must establish secure tunnels back to multiple regional data centers to include the future regional data centers.
Which VPN configuration would adapt to changes when deployed to the future site?

A. Preconfigured GlobalProtect satellite

B. Preconfigured GlobalProtect client
C. Preconfigured IPsec tunnels
D. Preconfigured PPTP Tunnels

Answer: A

Explanation:
https://docs.paloaltonetworks.com/pan-os/10-0/pan-os-admin/large-scale-vpn-lsvpn/configure-the-globalprotect

NEW QUESTION 101
- (Exam Topic 2)
Which GlobalProtect Client connect method requires the distribution and use of machine certificates?

A. User-logon (Always on)
B. At-boot
C. On-demand
D. Pre-logon

Answer: D

NEW QUESTION 105
- (Exam Topic 2)
When configuring a GlobalProtect Portal, what is the purpose of specifying an Authentication Profile?

A. To enable Gateway authentication to the Portal
B. To enable Portal authentication to the Gateway
C. To enable user authentication to the Portal
D. To enable client machine authentication to the Portal

Answer: C

Explanation:
The additional options of Browser and Satellite enable you to specify the authentication profile to use for specific scenarios. Select Browser to specify the authentication profile to use to authenticate a user accessing the portal from a web browser with the intent of downloading the GlobalProtect agent (Windows and Mac). Select Satellite to specify the authentication profile to use to authenticate the satellite.
Reference
https://www.paloaltonetworks.com/documentation/71/pan-os/web-interface-help/globalprotect/network-globalpr

NEW QUESTION 109
- (Exam Topic 2)
Which Panorama administrator types require the configuration of at least one access domain? (Choose two)

A. Dynamic
B. Custom Panorama Admin
C. Role Based
D. Device Group
E. Template Admin

Answer: DE

NEW QUESTION 111
- (Exam Topic 2)
A customer has an application that is being identified as unknown-top for one of their custom PostgreSQL database connections. Which two configuration options can be used to correctly categorize their custom database application? (Choose two.)

A. Application Override policy.
B. Security policy to identify the custom application.
C. Custom application.
D. Custom Service object.

Answer: AC

Explanation:
Unlike the App-ID engine, which inspects application packet contents for unique signature elements, the Application Override policy's matching conditions are limited to header-based data only. Traffic matched by an Application Override policy is identified by the App-ID entered in the Application entry box.Choices are limited to applications currently in the App-ID database.Because this traffic bypasses all Layer 7 inspection, the resulting security is that of a Layer-4 firewall. Thus, this traffic should be trusted without the need for Content-ID inspection. The resulting application assignment can be used in other firewall functions such as Security policy and QoS.Use CasesThree primary uses cases for Application Override Policy are:
To identify "Unknown" App-IDs with a different or custom application signature To re-identify an existing application signature
To bypass the Signature Match Engine (within the SP3 architecture) to improve processing timesA discussion of typical uses of application override and specific implementation examples is here:https://live.paloaltonetworks.com/t5/Learning-Articles/Tips-amp-Tricks-How-to-Create-an-Application

NEW QUESTION 112
- (Exam Topic 2)
Which Captive Portal mode must be configured to support MFA authentication?

A. NTLM
B. Redirect

C. Single Sign-On
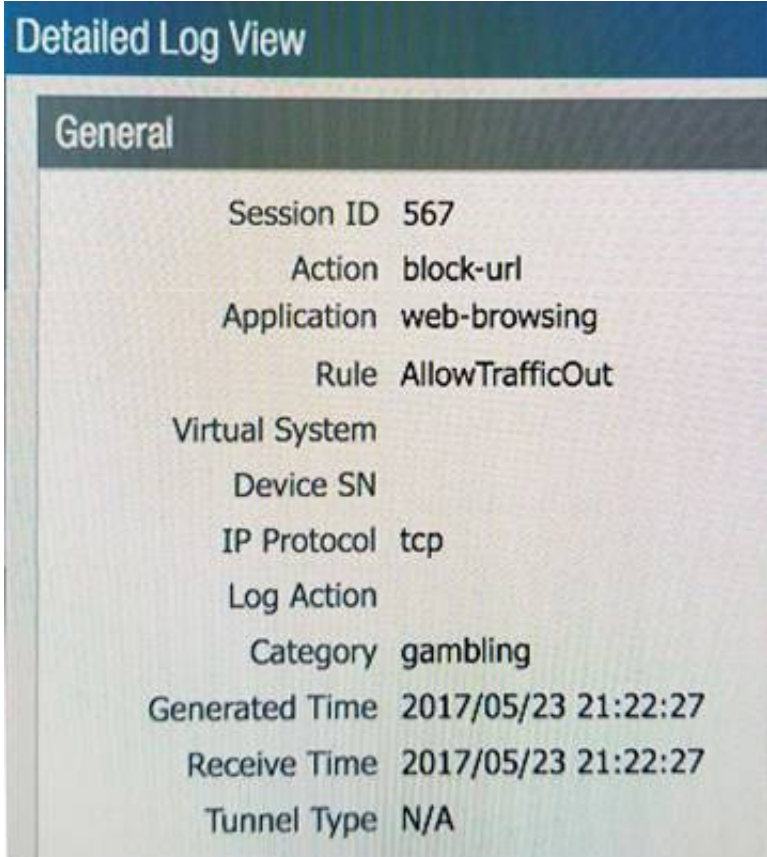D. Transparent

Answer: B

Explanation:
Reference:
https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/authentication/configure-multi-factor-authe
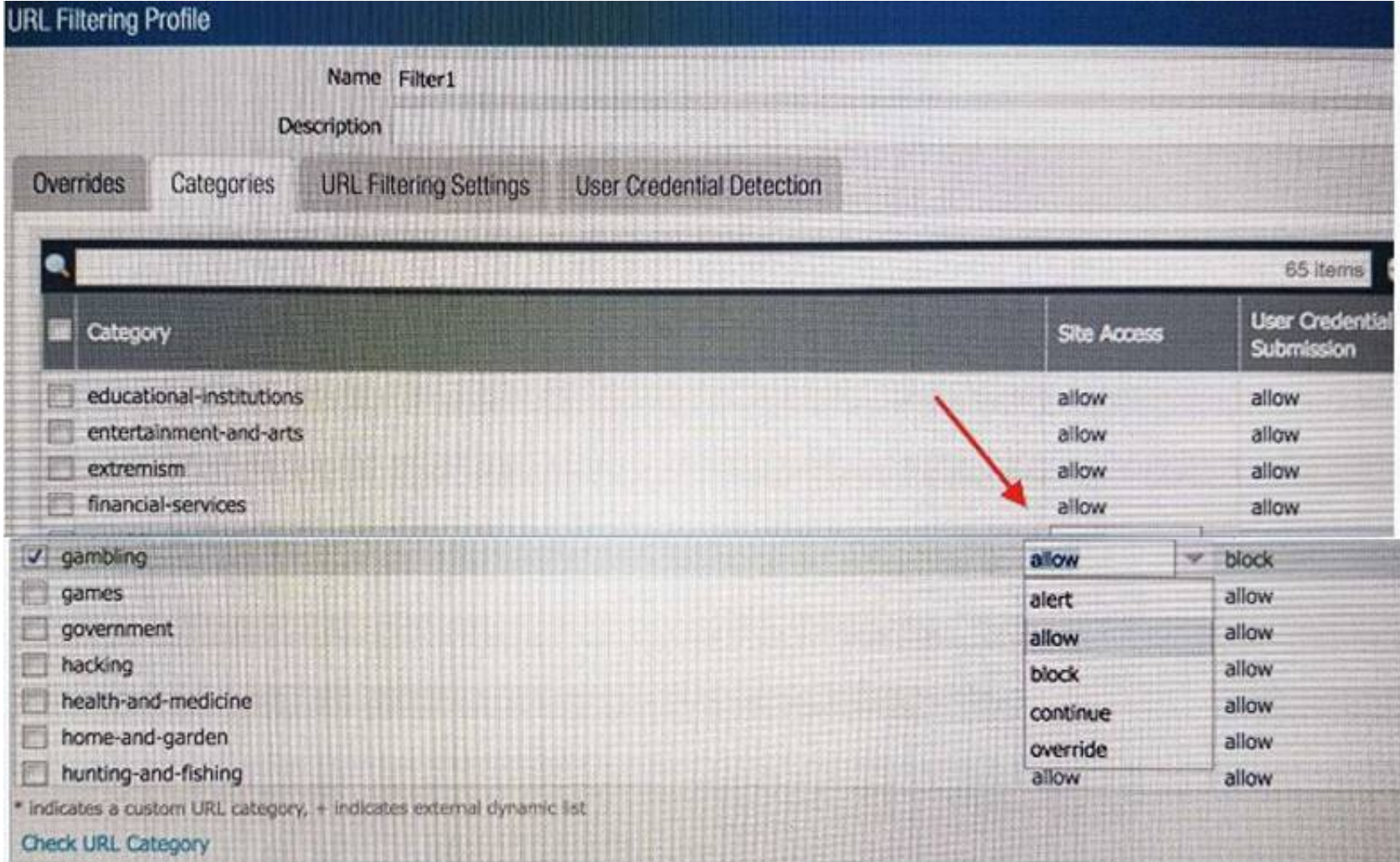
NEW QUESTION 116
- (Exam Topic 2)
An administrator needs to determine why users on the trust zone cannot reach certain websites. The only information available is shown on the following image. Which configuration change should the administrator make?
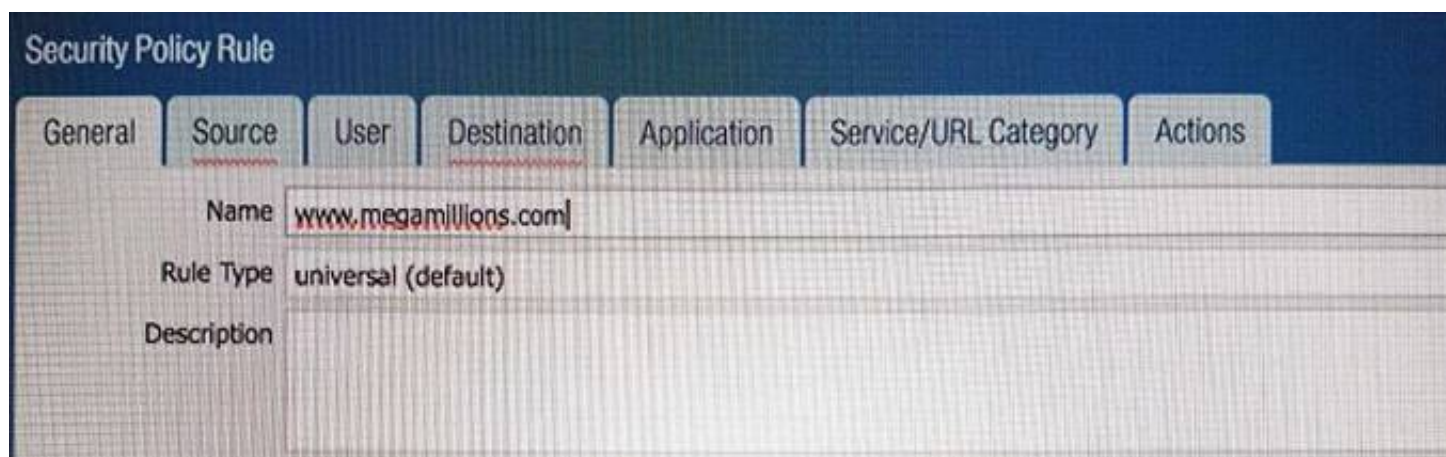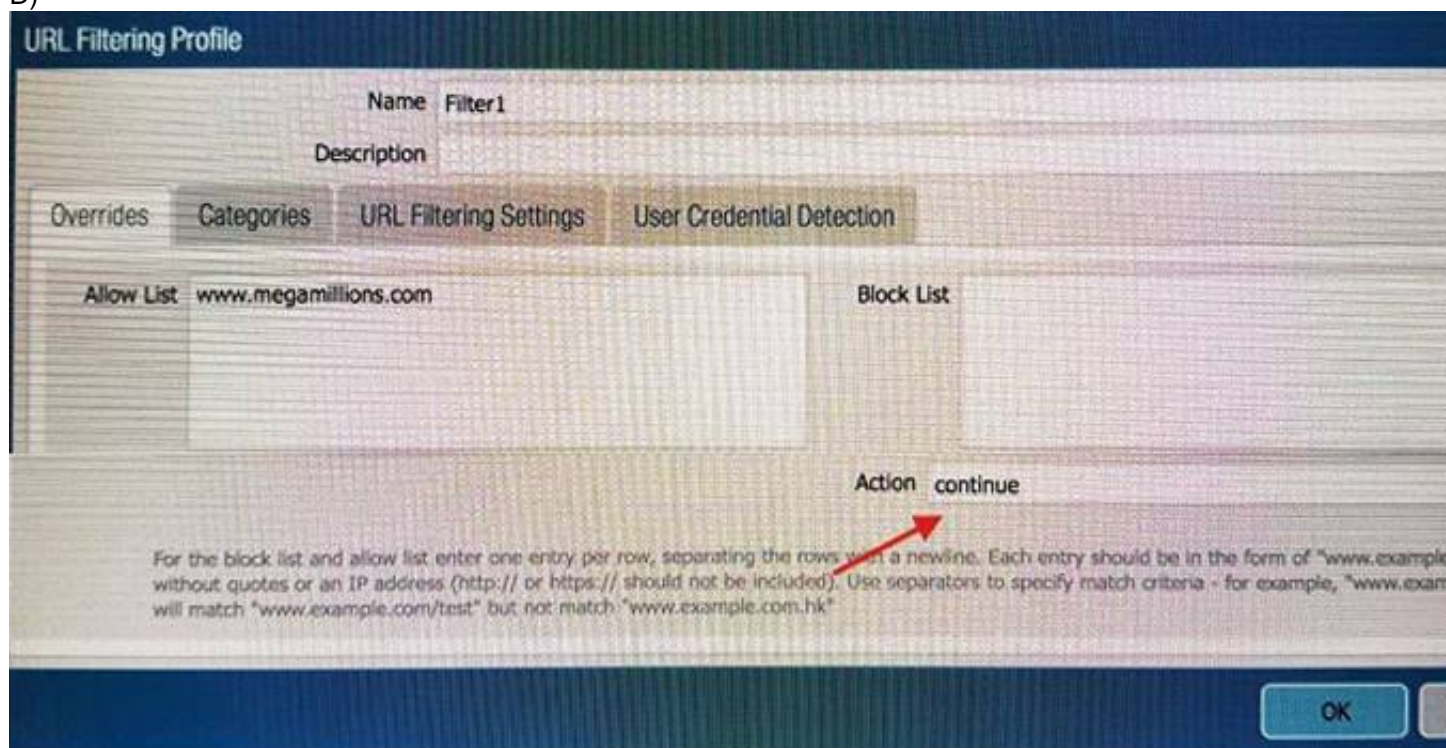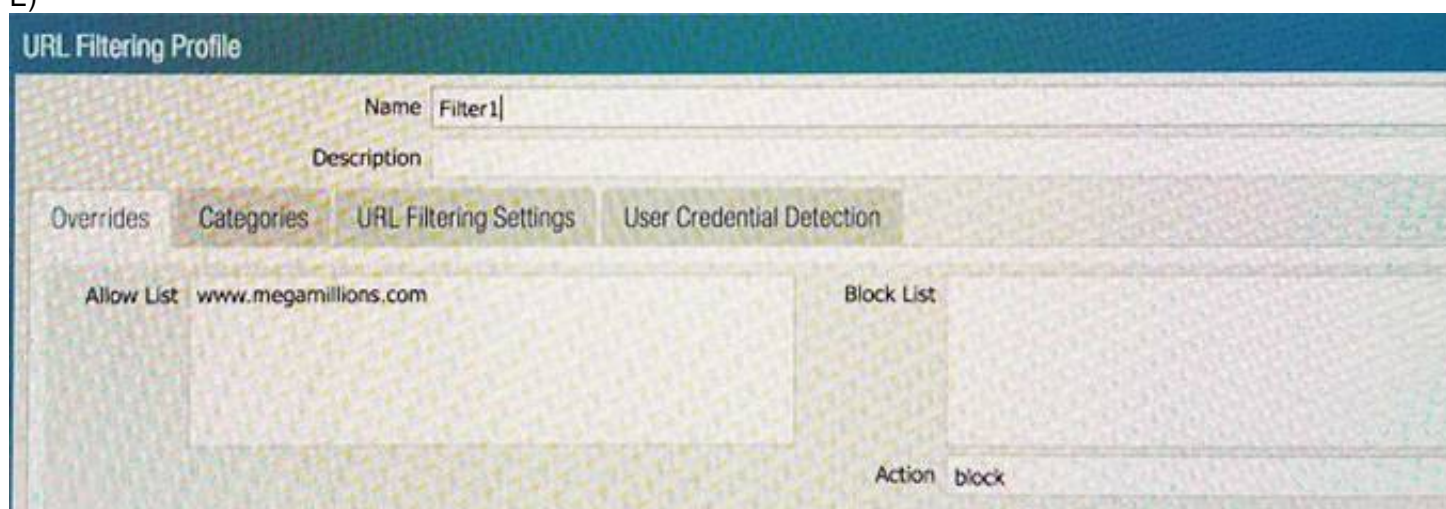A)

B)

C)

Security Policy Rule

General	Source	User	Destination	Application	Service/URL Category	Actions

Name   www.megamillions.com

Rule Type   universal (default)

Description

D)

URL Filtering Profile

Name   Filter1

Description

Overrides	Categories	URL Filtering Settings	User Credential Detection

Allow List   www.megamillions.com   Block List

Action   continue

For the block list and allow list enter one entry per row, separating the rows with a newline. Each entry should be in the form of "www.example.c
without quotes or an IP address (http:// or https:// should not be included). Use separators to specify match criteria - for example, "www.examp
will match "www.example.com/test" but not match "www.example.com.hk".

OK

E)

URL Filtering Profile

Name   Filter1

Description

Overrides	Categories	URL Filtering Settings	User Credential Detection

Allow List   www.megamillions.com   Block List

Action   block

A. Option A
B. Option B
C. Option C
D. Option D
E. Option E

Answer: B

NEW QUESTION 118
- (Exam Topic 2)
Which feature can provide NGFWs with User-ID mapping information?

A. GlobalProtect
B. Web Captcha
C. Native 802.1q authentication
D. Native 802.1x authentication

Answer: A

NEW QUESTION 123
- (Exam Topic 2)
When configuring the firewall for packet capture, what are the valid stage types?

A. Receive, management , transmit , and drop
B. Receive , firewall, send , and non-syn
C. Receive management , transmit, and non-syn
D. Receive , firewall, transmit, and drop

Answer: D

NEW QUESTION 126
- (Exam Topic 2)
In the following image from Panorama, why are some values shown in red?

Device Name	Logging Rate (Log/sec)	Device	Session
		Throughput (KB/sec)	Count (Sessions)
uk3	781	209	40221
sg2	0	953	170
us3	291	0	67455

A. sg2 session count is the lowest compared to the other managed devices.
B. us3 has a logging rate that deviates from the administrator-configured thresholds.
C. uk3 has a logging rate that deviates from the seven-day calculated baseline.
D. sg2 has misconfigured session thresholds.

Answer: A

NEW QUESTION 128
- (Exam Topic 2)
How would an administrator monitor/capture traffic on the management interface of the Palo Alto Networks NGFW?

A. Use the debug dataplane packet-diag set capture stage firewall file command.
B. Enable all four stages of traffic capture (TX, RX, DROP, Firewall).
C. Use the debug dataplane packet-diag set capture stage management file command.
D. Use the tcpdump command.

Answer: D

Explanation:
Reference: https://live.paloaltonetworks.com/t5/Learning-Articles/How-to-Run-a-Packet-Capture/ta-p/62390 https://docs.paloaltonetworks.com/pan-os/9-1/pan-os-admin/monitoring/take-packet-captures/take-a-packet-capt

NEW QUESTION 130
- (Exam Topic 2)
An administrator using an enterprise PKI needs to establish a unique chain of trust to ensure mutual authentication between Panorama and the managed firewalls and Log Collectors.
How would the administrator establish the chain of trust?

A. Use custom certificates
B. Enable LDAP or RADIUS integration
C. Set up multi-factor authentication
D. Configure strong password authentication

Answer: A

Explanation:
Reference:
https://www.paloaltonetworks.com/documentation/80/panorama/panorama_adminguide/panorama-overview/pla panorama-deployment

NEW QUESTION 134
- (Exam Topic 2)
Which feature can be configured on VM-Series firewalls?

A. aggregate interfaces
B. machine learning
C. multiple virtual systems
D. GlobalProtect

Answer: D

NEW QUESTION 136
- (Exam Topic 2)
Which logs enable a firewall administrator to determine whether a session was decrypted?

A. Correlated Event
B. Traffic
C. Decryption
D. Security Policy

Answer: B

NEW QUESTION 141
- (Exam Topic 2)
Which three firewall states are valid? (Choose three)

A. Active
B. Functional
C. Pending
D. Passive
E. Suspended

Answer: ADE

Explanation:
Reference:
https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/high-availability/ha-firewall-states

NEW QUESTION 142
- (Exam Topic 2)
Which two methods can be configured to validate the revocation status of a certificate? (Choose two.)

A. CRL
B. CRT
C. OCSP
D. Cert-Validation-Profile
E. SSL/TLS Service Profile

Answer: AC

NEW QUESTION 147
- (Exam Topic 1)
An administrator wants to enable zone protection Before doing so, what must the administrator consider?

A. Activate a zone protection subscription.
B. To increase bandwidth no more than one firewall interface should be connected to a zone
C. Security policy rules do not prevent lateral movement of traffic between zones
D. The zone protection profile will apply to all interfaces within that zone

Answer: A

NEW QUESTION 150
- (Exam Topic 1)
Refer to the exhibit.

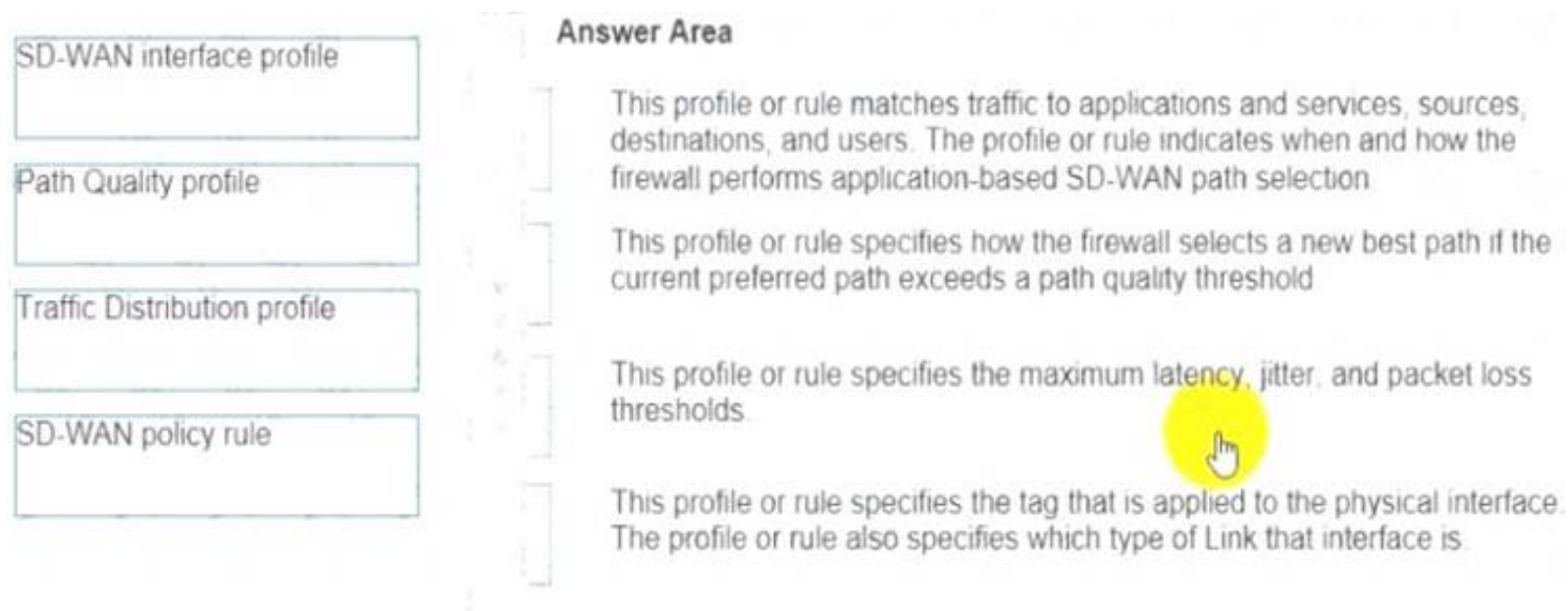Which certificate can be used as the Forward Trust certificate?

A. Domain Sub-CA
B. Domain-Root-Cert
C. Certificate from Default Trusted Certificate Authorities
D. Forward-Trust

Answer: D

NEW QUESTION 151
- (Exam Topic 1)
Match each SD-WAN configuration element to the description of that element.

		Answer Area
SD-WAN interface profile		This profile or rule matches traffic to applications and services, sources, destinations, and users. The profile or rule indicates when and how the firewall performs application-based SD-WAN path selection
Path Quality profile		This profile or rule specifies how the firewall selects a new best path if the current preferred path exceeds a path quality threshold
Traffic Distribution profile		This profile or rule specifies the maximum latency, jitter, and packet loss thresholds.
SD-WAN policy rule		This profile or rule specifies the tag that is applied to the physical interface. The profile or rule also specifies which type of Link that interface is

A. Mastered
B. Not Mastered

Answer: A

Explanation:

≫ An SD-WAN Interface Profile
specifies the Tag that you apply to the physical interface, and also specifies the type of Link that interface is (ADSL/DSL, cable modem, Ethernet, fiber, LTE/3G/4G/5G, MPLS, microwave/radio, satellite, WiFi, or other). The Interface Profile is also where you specify the maximum upload and download speeds (in Mbps) of the ISP's connection. You can also change whether the firewall monitors the path frequently or not; the firewall monitors link types appropriately by default.

≫ A Layer3 Ethernet
Interface
with an IPv4 address can support SD-WAN functionalities. You apply an SD-WAN Interface Profile to this interface (red arrow) to indicate the characteristics of the interface. The blue arrow indicates that physical Interfaces are referenced and grouped in a virtual SD-WAN Interface.

≫ A virtual SD-WAN Interface
is a VPN tunnel or DIA group of one or more interfaces that constitute a numbered, virtual SD-WAN Interface to which you can route traffic. The paths belonging to an SD-WAN Interface all go to the same destination WAN and are all the same type (either DIA or VPN tunnel). (Tag A and Tag B indicate that physical interfaces for the virtual interface can have different tags.)

≫ A Path Quality Profile
specifies maximum latency, jitter, and packet loss thresholds. Exceeding a threshold indicates that the path has deteriorated and the firewall needs to select a new path to the target. A sensitivity setting of high, medium, or low lets you indicate to the firewall which path monitoring parameter is more important for the applications to which the profile applies. The green arrow indicates that you reference a Path Quality Profile in one or more SD-WAN Policy Rules; thus, you can specify different thresholds for rules applied to packets having different applications, services, sources, destinations, zones, and users.

≫ A Traffic Distribution Profile
specifies how the firewall determines a new best path if the current preferred path exceeds a path quality threshold. You specify which Tags the distribution method uses to narrow its selection of a new path; hence, the yellow arrow points from Tags to the Traffic Distribution profile. A Traffic Distribution profile specifies the distribution method for the rule.

≫ The preceding elements come together in
SD-WAN Policy Rules
The purple arrow indicates that you reference a Path Qualify Profile and a Traffic Distribution profile in a rule, along with packet applications/services, sources, destinations, and users to specifically indicate when and how the firewall performs application-based SD-WAN path selection for a packet not belonging to a session.
https://docs.paloaltonetworks.com/sd-wan/1-0/sd-wan-admin/sd-wan-overview/sd-wan-configuration-elements.h

NEW QUESTION 153
- (Exam Topic 1)
A variable name must start with which symbol?

A. $
B. &
C. !
D. #

Answer: A

Explanation:
https://docs.paloaltonetworks.com/panorama/8-1/panorama-admin/manage-firewalls/manage-templates-and-tem

NEW QUESTION 155
- (Exam Topic 1)
When an in-band data port is set up to provide access to required services, what is required for an interface that is assigned to service routes?

A. The interface must be used for traffic to the required services
B. You must enable DoS and zone protection
C. You must set the interface to Layer 2 Layer 3. or virtual wire
D. You must use a static IP address

Answer: A

NEW QUESTION 157
- (Exam Topic 1)
In SSL Forward Proxy decryption, which two certificates can be used for certificate signing? (Choose two.)

A. wildcard server certificate
B. enterprise CA certificate
C. client certificate
D. server certificate
E. self-signed CA certificate

Answer: BE

NEW QUESTION 158
- (Exam Topic 1)
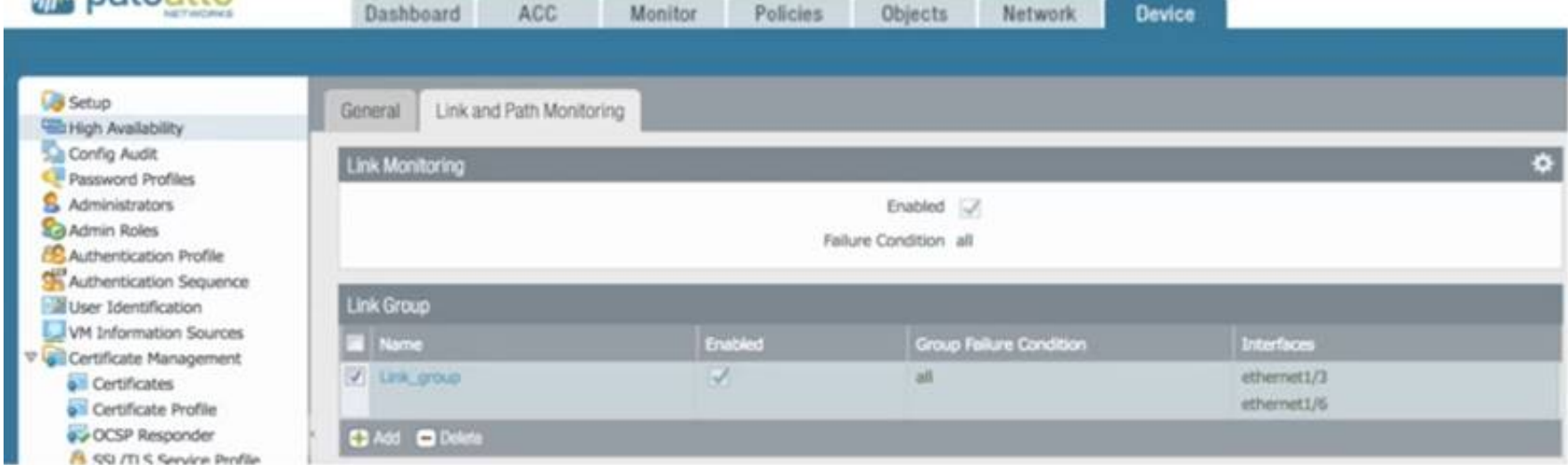In a firewall, which three decryption methods are valid? (Choose three)

A. SSL Inbound Inspection
B. SSL Outbound Proxyless Inspection
C. SSL Inbound Proxy
D. Decryption Mirror
E. SSH Proxy

Answer: ADE

NEW QUESTION 161
- (Exam Topic 1)
Use the image below If the firewall has the displayed link monitoring configuration what will cause a failover?

A. ethernet1/3 and ethernet1/6 going down
B. etheme!1/3 going down
C. ethernet1/6 going down
D. ethernet1/3 or ethernet1/6 going down

Answer: A

NEW QUESTION 162
- (Exam Topic 1)
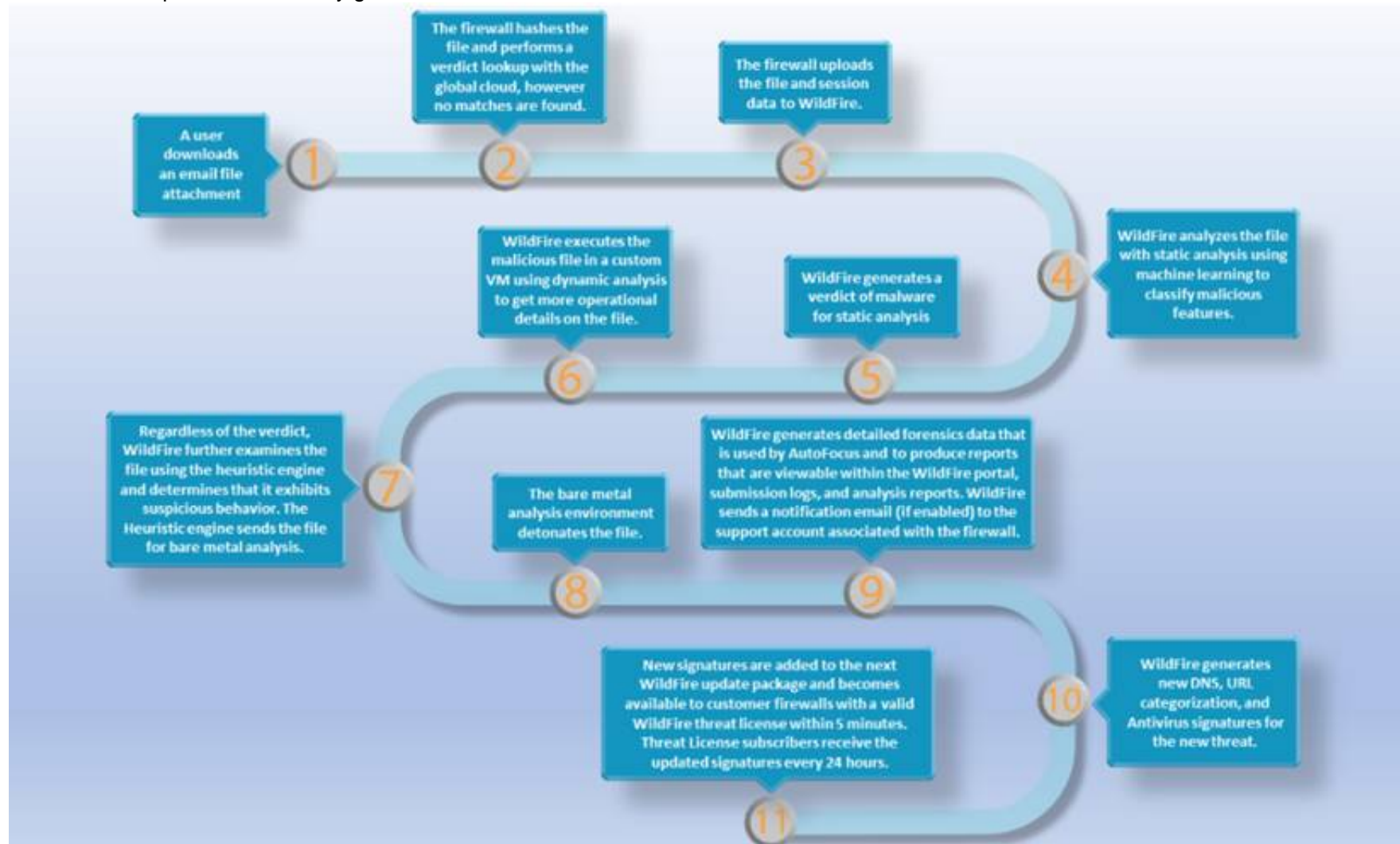Place the steps in the WildFire process workflow in their correct order.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Timeline Description automatically generated

https://docs.paloaltonetworks.com/wildfire/9-1/wildfire-admin/wildfire-overview/about-wildfire.html

NEW QUESTION 165
- (Exam Topic 1)
Match each type of DoS attack to an example of that type of attack

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Plan to defend your network against different types of DoS attacks:

❯ Application-Based Attacks
—Target weaknesses in a particular application and try to exhaust its resources so legitimate users can't use it. An example of this is the Slowloris attack.

❯ Protocol-Based Attacks
—Also known as state-exhaustion attacks, these attacks target protocol weaknesses. A common example is a SYN flood attack.

❯ Volumetric Attacks
—High-volume attacks that attempt to overwhelm the available network resources, especially bandwidth, and bring down the target to prevent legitimate users from accessing those resources. An example of this is a UDP flood attack.
https://docs.paloaltonetworks.com/pan-os/9-1/pan-os-admin/zone-protection-and-dos-protection/zone-defense.ht

NEW QUESTION 166
- (Exam Topic 1)
What does SSL decryption require to establish a firewall as a trusted third party and to establish trust between a client and server to secure an SSL/TLS connection?

A. link state

B. stateful firewall connection
C. certificates
D. profiles

Answer: C

Explanation:
https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/decryption/decryption-overview.html#:~:text=SSL

NEW QUESTION 169
- (Exam Topic 1)
What are two characteristic types that can be defined for a variable? (Choose two)

A. zone
B. FQDN
C. path group
D. IP netmask

Answer: BD

Explanation:
https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-web-interface-help/panorama-web-interface/panorama-tem

NEW QUESTION 171
- (Exam Topic 1)
An engineer must configure the Decryption Broker feature
Which Decryption Broker security chain supports bi-directional traffic flow?

A. Layer 2 security chain
B. Layer 3 security chain
C. Transparent Bridge security chain
D. Transparent Proxy security chain

Answer: B

Explanation:
Together, the primary and secondary interfaces form a pair of decryption forwarding interfaces. Only interfaces that you have enabled to be Decrypt Forward interfaces are displayed here. Your security chain type (Layer 3 or Transparent Bridge) and the traffic flow direction (unidirectional or bidirectional) determine which of the two interfaces forwards allowed, clear text traffic to the security chain, and which interface receives the traffic back from the security chain after it has undergone additional enforcement.

NEW QUESTION 173
- (Exam Topic 1)
The UDP-4501 protocol-port is used between which two GlobalProtect components?

A. GlobalProtect app and GlobalProtect gateway
B. GlobalProtect portal and GlobalProtect gateway
C. GlobalProtect app and GlobalProtect satellite
D. GlobalProtect app and GlobalProtect portal

Answer: A

NEW QUESTION 174
- (Exam Topic 1)
An administrator cannot see any Traffic logs from the Palo Alto Networks NGFW in Panorama reports. The configuration problem seems to be on the firewall
Which settings, if configured incorrectly, most likely would stop only Traffic logs from being sent from the NGFW to Panorama?
A)

B)

Security Policy Rule

| General | Source | User | Destination | Application | Service/URL Category | **Actions** |

Action Setting

Action **Allow**
☐ Send ICMP Unreachable

Profile Setting

Profile Type	Profiles
Antivirus	None
Vulnerability Protection	None
Anti-Spyware	None
URL Filtering	Filter1
File Blocking	None
Data Filtering	None
WildFire Analysis	None

Log Setting

☑ Log at Session Start
☑ Log at Session End

Log Forwarding **None**

Other Settings

Schedule	None
QoS Marking	None

☐ Disable Server Response Inspection

[OK]   [Cancel]

C)

Syslog Server Profile ⑦

Name **SyslogProfile1**

☑ Panorama

| **Servers** | **Custom Log Format** |

Name	Syslog Server	Transport	Port	Format	Facility
SyslogServer1	192.168.229.17	UDP	514	BSD	LOG_USER

➕ Add ➖ Delete

Enter the IP address or FQDN of the Syslog server

[OK]   [Cancel]

D)

Panorama Settings ⑦

Receive Timeout for Connection to Device (sec)	240
Send Timeout for Connection to Device (sec)	240
Retry Count for SSL Send to Device	25

☑ Share Unused Address and Service Objects with Devices
☐ Objects defined in ancestors will take higher precedence

Secure Server Communication

☐ Custom Certificate Only

SSL/TLS Service Profile	None
Certificate Profile	None
Authorization List	🔍 _____ 0 items ➡ ❌

☐ Identifier	Type	Value

➕ Add ➖ Delete

☐ Authorize Clients Based on Serial Number
☐ Check Authorization List

Disconnect Wait Time (min) **[0 - 44640]**

[OK]   [Cancel]

A. Option A
B. Option B

C. Option C
D. Option D

Answer: B

NEW QUESTION 176
- (Exam Topic 1)
In a security-first network what is the recommended threshold value for content updates to be dynamically updated?

A. 1 to 4 hours
B. 6 to 12 hours
C. 24 hours
D. 36 hours

Answer: B

Explanation:
https://docs.paloaltonetworks.com/pan-os/8-1/pan-os-admin/threat-prevention/best-practices-for-content-and-thr

NEW QUESTION 179
- (Exam Topic 1)
What are two common reasons to use a "No Decrypt" action to exclude traffic from SSL decryption? (Choose two.)

A. the website matches a category that is not allowed for most users
B. the website matches a high-risk category
C. the web server requires mutual authentication
D. the website matches a sensitive category

Answer: AD

NEW QUESTION 183
- (Exam Topic 1)
As a best practice, which URL category should you target first for SSL decryption*?

A. Online Storage and Backup
B. High Risk
C. Health and Medicine
D. Financial Services

Answer: A

NEW QUESTION 188
- (Exam Topic 1)
A network administrator wants to use a certificate for the SSL/TLS Service Profile Which type of certificate should the administrator use?

A. certificate authority (CA) certificate
B. client certificate
C. machine certificate
D. server certificate

Answer: A

NEW QUESTION 192
- (Exam Topic 1)
An administrator plans to deploy 15 firewalls to act as GlobalProtect gateways around the world Panorama will manage the firewalls
The firewalls will provide access to mobile users and act as edge locations to on-premises infrastructure The administrator wants to scale the configuration out quickly and wants all of the firewalls to use the same template configuration
Which two solutions can the administrator use to scale this configuration? (Choose two.)

A. variables
B. template stacks
C. collector groups
D. virtual systems

Answer: C

NEW QUESTION 196
- (Exam Topic 1)
Which rule type controls end user SSL traffic to external websites?

A. SSL Outbound Proxyless Inspection
B. SSL Forward Proxy
C. SSL Inbound Inspection
D. SSH Proxy

Answer: C

NEW QUESTION 199
- (Exam Topic 1)
When you import the configuration of an HA pair into Panorama, how do you prevent the import from affecting ongoing traffic?

A. Disable HA
B. Disable the HA2 link
C. Disable config sync
D. Set the passive link state to 'shutdown.

Answer: C

NEW QUESTION 204
- (Exam Topic 1)
An administrator wants to upgrade a firewall HA pair to PAN-OS 10.1 The firewalls are currently running PAN-OS 8.1.17.
Which upgrade path maintains synchronization of the HA session (and prevents network outage)?

A. Upgrade directly to the target major version
B. Upgrade one major version at a time
C. Upgrade the HA pair to a base image
D. Upgrade two major versions at a time

Answer: D

NEW QUESTION 205
- (Exam Topic 1)
An administrator has a PA-820 firewall with an active Threat Prevention subscription The administrator is considering adding a WildFire subscription
How does adding the WildFire subscription improve the security posture of the organization1?

A. Protection against unknown malware can be provided in near real-time
B. WildFire and Threat Prevention combine to provide the utmost security posture for the firewall
C. After 24 hours WildFire signatures are included in the antivirus update
D. WildFire and Threat Prevention combine to minimize the attack surface

Answer: D

NEW QUESTION 209
- (Exam Topic 1)
Which value in the Application column indicates UDP traffic that did not match an App-ID signature?

A. not-applicable
B. incomplete
C. unknown-ip
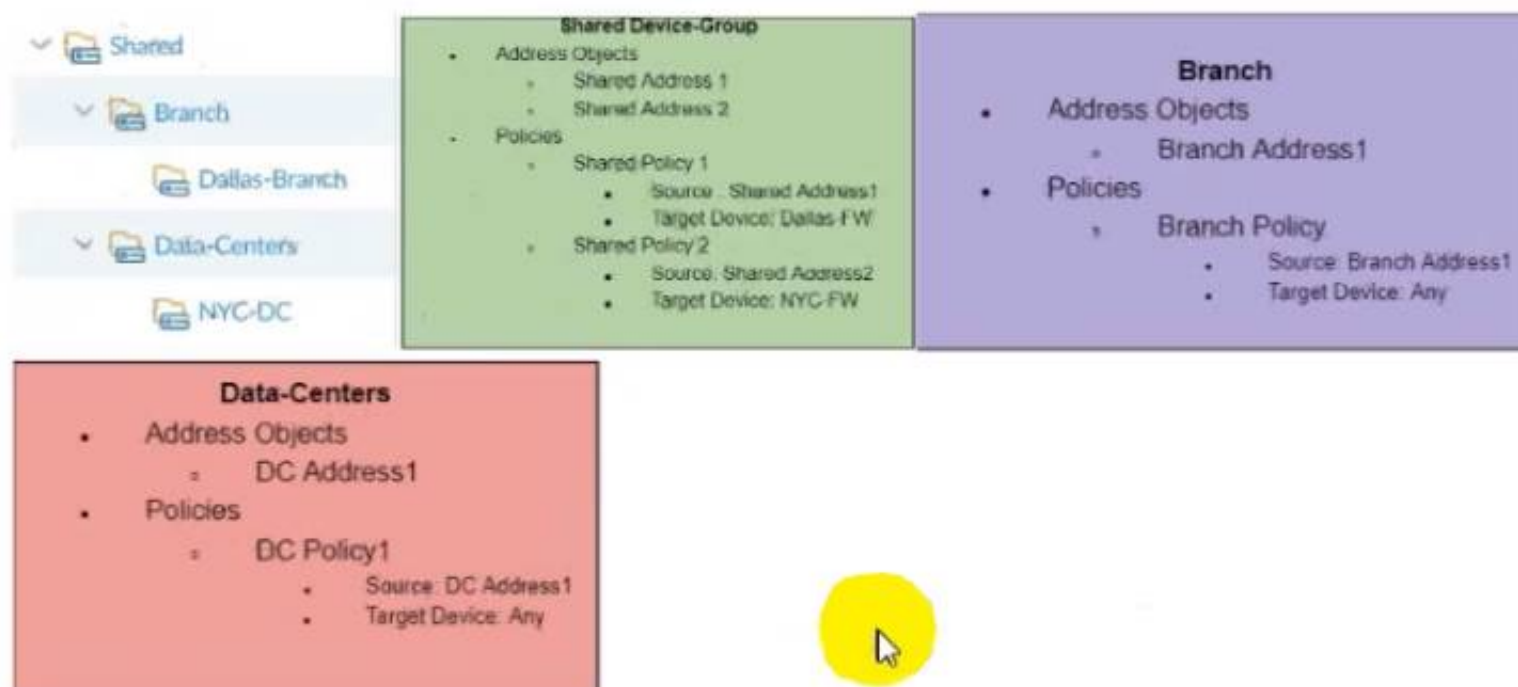D. unknown-udp

Answer: D

Explanation:
To safely enable applications you must classify all traffic, across all ports, all the time. With App-ID, the only applications that are typically classified as unknown traffic—tcp, udp or non-syn-tcp—in the ACC and the Traffic logs are commercially available applications that have not yet been added to App-ID, internal or custom applications on your network, or potential threats.
https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-admin/app-id/use-application-objects-in-policy/create-a-cu

NEW QUESTION 213
- (Exam Topic 1)
The following objects and policies are defined in a device group hierarchy

Dallas-Branch has **Dallas-FW** as a member of the **Dallas-Branch device-group**
NYC-DC has **NYC-FW** as a member of the **NYC-DC device-group**
What objects and policies will the **Dallas-FW** receive if "Share Unused Address and Service Objects" is enabled in Panorama?

A)
Address Objects
-Shared Address1
-Shared Address2
-Branch Address1
Policies
-Shared Policy1
-Branch Policy1

B)
Address Objects
-Shared Address1
-Shared Address2
-Branch Address1
-DC Address1
Policies
-Shared Policy1
-Shared Policy2
-Branch Policy1

C)
Address Objects
-Shared Address 1
-Branch Address2 Policies -Shared Polic1 l -Branch Policyl

D)
Address Objects -Shared Addressl -Shared Address2 -Branch Addressl Policies -Shared Policyl -Shared Policy2 -Branch Policyl

A. Option A
B. Option B
C. Option C
D. Option D

Answer: A

NEW QUESTION 215
- (Exam Topic 2)
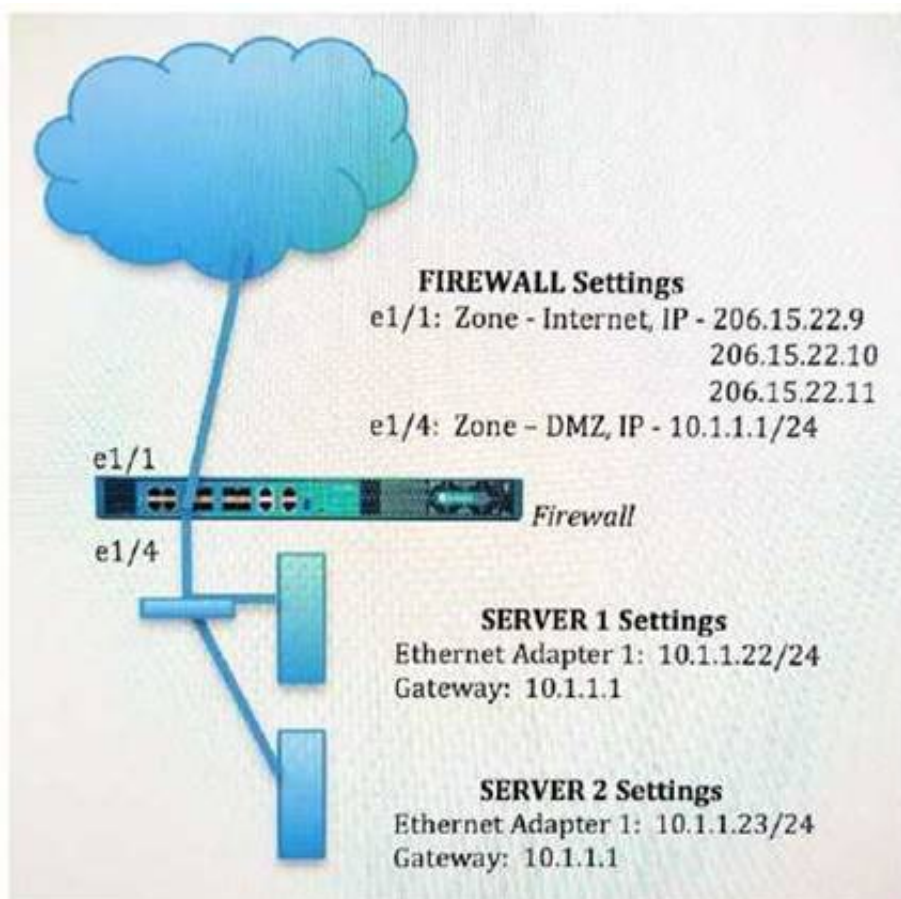Which two features can be used to tag a username so that it is included in a dynamic user group? (Choose two)

A. log forwarding auto-tagging
B. GlobafProtect agent
C. User-ID Windows-based agent
D. XML API

Answer: BC

NEW QUESTION 219
- (Exam Topic 2)
An administrator wants multiple web servers in the DMZ to receive connections initiated from the internet. Traffic destined for 206.15.22.9 port 80/TCP needs to be forwarded to the server at 10.1.1.22

FIREWALL Settings
e1/1: Zone - Internet, IP - 206.15.22.9
206.15.22.10
206.15.22.11
e1/4: Zone – DMZ, IP - 10.1.1.1/24

e1/1

e1/4

Firewall

SERVER 1 Settings
Ethernet Adapter 1: 10.1.1.22/24
Gateway: 10.1.1.1

SERVER 2 Settings
Ethernet Adapter 1: 10.1.1.23/24
Gateway: 10.1.1.1

Based on the information shown in the image, which NAT rule will forward web-browsing traffic correctly? A)

Source IP: Any
Destination IP: 206.15.22.9
Source Zone: Internet
Destination Zone: DMZ
Destination Service: 80/TCP
Action: Destination NAT
Translated IP: 10.2.2.23
Translated Port: 53/UDP

B)
Source IP: Any
Destination IP: 206.15.22.9
Source Zone: Internet
Destination Zone: Internet
Destination Service: 80/TCP
Action: Destination NAT
Translated IP: 10.1.1.22
Translated Port: 53/UDP

C)
Source IP: Any
Destination IP: 206.15.22.9
Source Zone: Internet
Destination Zone: Internet
Destination Service: 80/TCP
Action: Destination NAT
Translated IP: 10.1.1.22
Translated Port: None

D)
Source IP: Any
Destination IP: 206.15.22.9
Source Zone: Internet
Destination Zone: DMZ
Destination Service: 80/TCP
Action: Destination NAT
Translated IP: 10.1.1.22
Translated Port: 80/TCP

A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

NEW QUESTION 224
- (Exam Topic 2)
Which two actions would be part of an automatic solution that would block sites with untrusted certificates without enabling SSL Forward Proxy? (Choose two.)

A. Create a no-decrypt Decryption Policy rule.
B. Configure an EDL to pull IP addresses of known sites resolved from a CRL.
C. Create a Dynamic Address Group for untrusted sites
D. Create a Security Policy rule with vulnerability Security Profile attached.
E. Enable the "Block sessions with untrusted issuers" setting.

Answer: DE

NEW QUESTION 228
- (Exam Topic 2)
An administrator needs to optimize traffic to prefer business-critical applications over non-critical applications. QoS natively integrates with which feature to provide service quality?

A. Port Inspection
B. Certificate revocation
C. Content-ID
D. App-ID

Answer: D

Explanation:
Reference:

https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/quality-of-service/qos-for-applications-and

NEW QUESTION 230
- (Exam Topic 2)
To protect your firewall and network from single source denial of service (DoS) attacks that can overwhelm its packet buffer and cause legitimate traffic to drop, you can configure.

A. BGP (Border Gateway Protocol)
B. PBP (Packet Buffer Protection)
C. PGP (Packet Gateway Protocol)
D. PBP (Protocol Based Protection)

Answer: D

NEW QUESTION 231
- (Exam Topic 2)
Which option describes the operation of the automatic commit recovery feature?

A. It enables a firewall to revert to the previous configuration if rule shadowing is detected
B. It enables a firewall to revert to the previous configuration if a commit causes Panorama connectivity failure.
C. It enables a firewall to revert to the previous configuration if application dependency errors are found
D. It enables a firewall to revert to the previous configuration if a commit causes HA partner connectivity failure

Answer: A

NEW QUESTION 232
- (Exam Topic 2)
Refer to the exhibit.

An administrator is using DNAT to map two servers to a single public IP address. Traffic will be steered to the specific server based on the application, where Host A (10.1.1.100) receives HTTP traffic and HOST B (10.1.1.101) receives SSH traffic.)
Which two security policy rules will accomplish this configuration? (Choose two.)

A. Untrust (Any) to DMZ (10.1.1.100.10.1.1.101), ssh, web-browsing –Allow
B. Untrust (Any) to DMZ (1.1.1.100), web-browsing –Allow
C. Untrust (Any) to Untrust (10.1.1.1), web-browsing –Allow
D. Untrust (Any) to Untrust (10.1.1.1), SSH -Allow
E. Untrust (Any) to DMZ (1.1.1.100), SSH –Allow

Answer: BE

Explanation:
https://docs.paloaltonetworks.com/pan-os/8-0/pan-os-admin/networking/nat/nat-configuration-examples/destinat

NEW QUESTION 236
- (Exam Topic 2)
How does an administrator schedule an Applications and Threats dynamic update while delaying installation of the update for a certain amount of time?

A. Configure the option for "Threshold".
B. Disable automatic updates during weekdays.
C. Automatically "download only" and then install Applications and Threats later, after the administrator approves the update.
D. Automatically "download and install" but with the "disable new applications" option used.

Answer: A

Explanation:
For Antivirus and Applications and Threats updates, you have the option to set a minimum Threshold of time that a content update must be available before the firewall installs it. Very rarely, there can be an error in a content update and this threshold ensures that the firewall only downloads content releases that have been

available and functioning in customer environments for the specified amount of time. https://docs.paloaltonetworks.com/pan-os/9-0/pan-os-web-interface-help/device/device-dynamic-updates

NEW QUESTION 237
- (Exam Topic 2)
Which User-ID method should be configured to map IP addresses to usernames for users connected through a terminal server?

A. port mapping
B. server monitoring
C. client probing
D. XFF headers

Answer: A

Explanation:
https://docs.paloaltonetworks.com/pan-os/8-0/pan-os-admin/user-id/map-ip-addresses-to-users/configure-user-m

NEW QUESTION 242
- (Exam Topic 2)
An administrator pushes a new configuration from Panorama to a pair of firewalls that are configured as an active/passive HA pair. Which NGFW receives the configuration from Panorama?

A. The Passive firewall, which then synchronizes to the active firewall
B. The active firewall, which then synchronizes to the passive firewall
C. Both the active and passive firewalls, which then synchronize with each other
D. Both the active and passive firewalls independently, with no synchronization afterward

Answer: D

Explanation:
Palo Alto NetworksPanorama 7.0 Administrator's Guide •77Manage FirewallsManage Device GroupsManage Device GroupsAdd a Device GroupCreate a Device Group HierarchyCreate Objects for Use in Shared or Device Group PolicyRevert to Inherited Object ValuesManage Unused Shared ObjectsManage Precedence of Inherited ObjectsMove or Clone a Policy Rule or Object to a Different Device GroupSelect a URL Filtering Vendor on PanoramaPush a Policy Rule to a Subset of FirewallsManage the Rule HierarchyAdd a Device GroupAfter adding firewalls (see Add a Firewall as a Managed Device), you can group them into Device Groups (up to 256), as follows. Be sure to assign both firewalls in an active-passive high availability (HA) configuration to the same device group so that Panorama will push the same policy rules and objects to those firewalls. ############PAN-OS doesn't synchronize pushed rules across HA peers.######### To manage rules and objects at different administrative levels in your organization, Create a Device Group Hierarchy.
https://docs.paloaltonetworks.com/panorama/8-0/panorama-admin/manage-firewalls/transition-a-firewall-to-pan
https://knowledgebase.paloaltonetworks.com/KCSArticleDetail?id=kA10g000000CleOCAS

NEW QUESTION 246
- (Exam Topic 3)
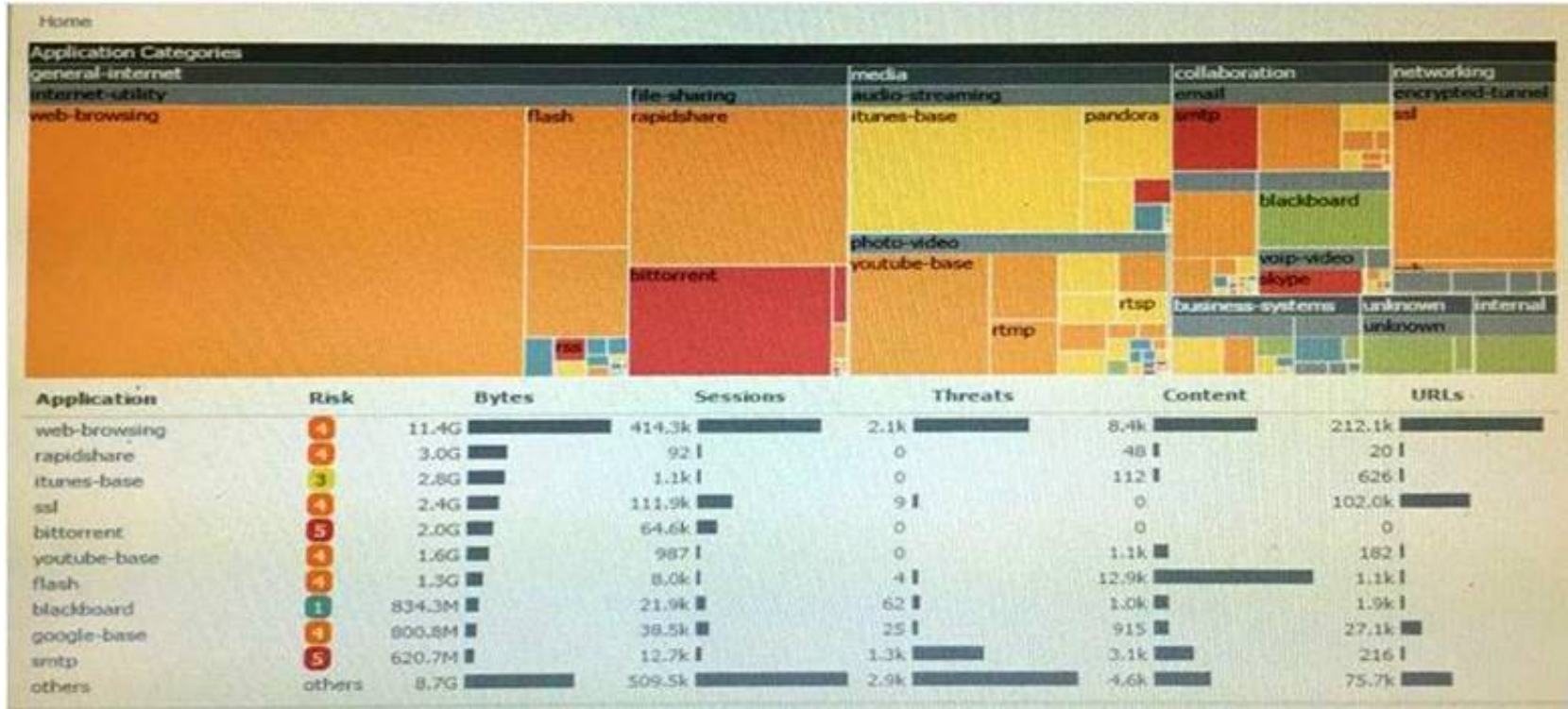Which two events trigger the operation of automatic commit recovery? (Choose two.)

A. when an aggregate Ethernet interface component fails
B. when Panorama pushes a configuration
C. when a firewall HA pair fails over
D. when a firewall performs a local commit

Answer: BD

NEW QUESTION 251
- (Exam Topic 3)
Click the Exhibit button

An administrator has noticed a large increase in bittorrent activity. The administrator wants to determine where the traffic is going on the company.
What would be the administrator's next step?

A. Right-Click on the bittorrent link and select Value from the context menu
B. Create a global filter for bittorrent traffic and then view Traffic logs.
C. Create local filter for bittorrent traffic and then view Traffic logs.
D. Click on the bittorrent application link to view network activity

Answer: D

NEW QUESTION 255
- (Exam Topic 3)
Which Device Group option is assigned by default in Panorama whenever a new device group is created to manage a Firewall?

A. Master
B. Universal
C. Shared
D. Global

Answer: C

NEW QUESTION 259
- (Exam Topic 3)
During the packet flow process, which two processes are performed in application identification? (Choose two.)

A. pattern based application identification
B. application changed from content inspection
C. session application identified
D. application override policy match

Answer: AD

NEW QUESTION 264
- (Exam Topic 3)
A network security engineer has been asked to analyze Wildfire activity. However, the Wildfire Submissions item is not visible form the Monitor tab.
What could cause this condition?

A. The firewall does not have an active WildFire subscription.
B. The engineer's account does not have permission to view WildFire Submissions.
C. A policy is blocking WildFire Submission traffic.
D. Though WildFire is working, there are currently no WildFire Submissions log entries.

Answer: B

NEW QUESTION 266
- (Exam Topic 3)
What are three valid actions in a File Blocking Profile? (Choose three)

A. Forward
B. Block
C. Alret
D. Upload
E. Reset-both
F. Continue

Answer: ABC

Explanation:
https://live.paloaltonetworks.com/t5/Configuration-Articles/File-Blocking-Rulebase-and-Action-Precedence/ta-p

NEW QUESTION 270
- (Exam Topic 3)
Site-A and Site-B need to use IKEv2 to establish a VPN connection. Site A connects directly to the internet using a public IP address. Site-B uses a private IP address behind an ISP router to connect to the internet.
How should NAT Traversal be implemented for the VPN connection to be established between Site-A and Site-B?

A. Enable on Site-A only
B. Enable on Site-B only
C. Enable on Site-B only with passive mode
D. Enable on Site-A and Site-B

Answer: D

NEW QUESTION 275
- (Exam Topic 3)
A VPN connection is set up between Site-A and Site-B, but no traffic is passing in the system log of Site-A, there is an event logged as like-nego-p1-fail-psk.
What action will bring the VPN up and allow traffic to start passing between the sites?

A. Change the Site-B IKE Gateway profile version to match Site-A,
B. Change the Site-A IKE Gateway profile exchange mode to aggressive mode.

C. Enable NAT Traversal on the Site-A IKE Gateway profile.
D. Change the pre-shared key of Site-B to match the pre-shared key of Site-A

Answer: D

NEW QUESTION 276
- (Exam Topic 3)
Support for which authentication method was added in PAN-OS 8.0?

A. RADIUS
B. LDAP
C. Diameter
D. TACACS+

Answer: D

Explanation:
https://www.paloaltonetworks.com/resources/datasheets/whats-new-in-pan-os-7-1

NEW QUESTION 279
- (Exam Topic 3)
Which three options does the WF-500 appliance support for local analysis? (Choose three)

A. E-mail links
B. APK files
C. jar files
D. PNG files
E. Portable Executable (PE) files

Answer: ACE

NEW QUESTION 282
- (Exam Topic 3)
Which authentication source requires the installation of Palo Alto Networks software, other than PAN-OS 7x, to obtain a username-to-IP-address mapping?

A. Microsoft Active Directory
B. Microsoft Terminal Services
C. Aerohive Wireless Access Point
D. Palo Alto Networks Captive Portal

Answer: B

NEW QUESTION 285
- (Exam Topic 3)
A network security engineer needs to configure a virtual router using IPv6 addresses. Which two routing options support these addresses? (Choose two)

A. BGP not sure
B. OSPFv3
C. RIP
D. Static Route

Answer: BD

Explanation:
https://live.paloaltonetworks.com/t5/Management-Articles/Does-PAN-OS-Support-Dynamic-Routing-Protocols

NEW QUESTION 288
- (Exam Topic 3)
Which Public Key infrastructure component is used to authenticate users for GlobalProtect when the Connect Method is set to pre-logon?

A. Certificate revocation list
B. Trusted root certificate
C. Machine certificate
D. Online Certificate Status Protocol

Answer: C

NEW QUESTION 290
- (Exam Topic 3)
When is it necessary to activate a license when provisioning a new Palo Alto Networks firewall?

A. When configuring Certificate Profiles
B. When configuring GlobalProtect portal
C. When configuring User Activity Reports
D. When configuring Antivirus Dynamic Updates

Answer: D

NEW QUESTION 295
- (Exam Topic 3)
Which client software can be used to connect remote Linux client into a Palo Alto Networks Infrastructure without sacrificing the ability to scan traffic and protect against threats?

A. X-Auth IPsec VPN
B. GlobalProtect Apple IOS
C. GlobalProtect SSL
D. GlobalProtect Linux

Answer: A

Explanation:
(http://blog.webernetz.net/2014/03/31/palo-alto-globalprotect-for-linux-with-vpnc/)

NEW QUESTION 296
- (Exam Topic 3)
A firewall administrator has been asked to configure a Palo Alto Networks NGFW to prevent against compromised hosts trying to phone-home or beacon out to external command-and-control (C2) servers.
Which security Profile type will prevent these behaviors?

A. WildFire
B. Anti-Spyware
C. Vulnerability Protection
D. Antivirus

Answer: D

NEW QUESTION 298
- (Exam Topic 3)
Starting with PAN-OS version 9.1, Global logging information is now recoded in which firewall log?

A. Authentication
B. Globalprotect
C. Configuration
D. System

Answer: D

NEW QUESTION 299
- (Exam Topic 3)
A company is upgrading its existing Palo Alto Networks firewall from version 7.0.1 to 7.0.4.
Which three methods can the firewall administrator use to install PAN-OS 8.0.4 across the enterprise?(Choose three)

A. Download PAN-OS 8.0.4 files from the support site and install them on each firewall after manually uploading.
B. Download PAN-OS 8.0.4 to a USB drive and the firewall will automatically update after the USB drive is inserted in the firewall.
C. Push the PAN-OS 8.0.4 updates from the support site to install on each firewall.
D. Push the PAN-OS 8.0.4 update from one firewall to all of the other remaining after updating one firewall.
E. Download and install PAN-OS 8.0.4 directly on each firewall.
F. Download and push PAN-OS 8.0.4 from Panorama to each firewall.

Answer: ACF

NEW QUESTION 300
- (Exam Topic 3)
A firewall administrator is troubleshooting problems with traffic passing through the Palo Alto Networks firewall. Which method shows the global counters associated with the traffic after configuring the appropriate packet filters?

A. From the CLI, issue the show counter global filter pcap yes command.
B. From the CLI, issue the show counter global filter packet-filter yes command.
C. From the GUI, select show global counters under the monitor tab.
D. From the CLI, issue the show counter interface command for the ingress interface.

Answer: B

NEW QUESTION 305
- (Exam Topic 3)
Which three rule types are available when defining policies in Panorama? (Choose three.)

A. Pre Rules
B. Post Rules
C. Default Rules
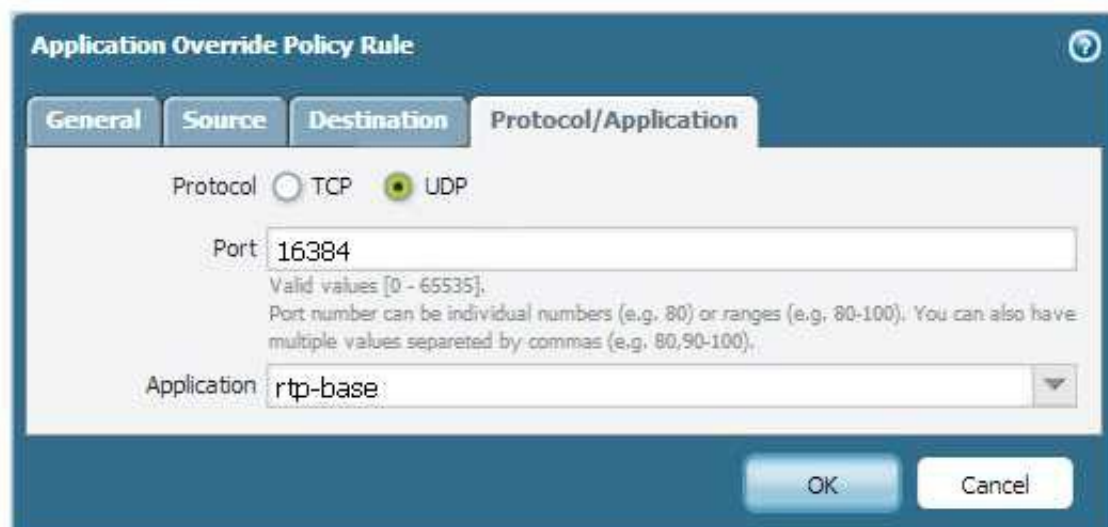D. Stealth Rules
E. Clean Up Rules

Answer: ABC

Explanation:
https://www.paloaltonetworks.com/documentation/71/pan-os/web-interface-help/panorama-web-interface/defini

NEW QUESTION 310
- (Exam Topic 3)
A company.com wants to enable Application Override. Given the following screenshot:

Which two statements are true if Source and Destination traffic match the Application Override policy? (Choose two)

A. Traffic that matches "rtp-base" will bypass the App-ID and Content-ID engines.
B. Traffic will be forced to operate over UDP Port 16384.
C. Traffic utilizing UDP Port 16384 will now be identified as "rtp-base".
D. Traffic utilizing UDP Port 16384 will bypass the App-ID and Content-ID engines.

Answer: AC

NEW QUESTION 313
- (Exam Topic 3)
The IT department has received complaints abou VoIP call jitter when the sales staff is making or receiving calls. QoS is enabled on all firewall interfaces, but there is no QoS policy written in the rulebase. The IT
manager wants to find out what traffic is causing the jitter in real time when a user reports the jitter. Which feature can be used to identify, in real time, the applications taking up the most bandwidth?

A. QoS Statistics
B. Applications Report
C. Application Command Center (ACC)
D. QoS Log

Answer: A

NEW QUESTION 315
- (Exam Topic 3)
Only two Trust to Untrust allow rules have been created in the Security policy Rule1 allows google-base
Rule2 allows youtube-base
The youtube-base App-ID depends on google-base to function. The google-base App-ID implicitly uses SSL and web-browsing. When user try to accesss https://www.youtube.com in a web browser, they get an error indecating that the server cannot be found.
Which action will allow youtube.com display in the browser correctly?

A. Add SSL App-ID to Rule1
B. Create an additional Trust to Untrust Rule, add the web-browsing, and SSL App-ID's to it
C. Add the DNS App-ID to Rule2
D. Add the Web-browsing App-ID to Rule2

Answer: C

NEW QUESTION 319
- (Exam Topic 3)
Which three options are available when creating a security profile? (Choose three)

A. Anti-Malware
B. File Blocking
C. Url Filtering
D. IDS/ISP
E. Threat Prevention
F. Antivirus

Answer: ABF

NEW QUESTION 321
- (Exam Topic 3)
Which URL Filtering Security Profile action togs the URL Filtering category to the URL Filtering log?

A. Log
B. Alert
C. Allow
D. Default

Answer: B

NEW QUESTION 326
- (Exam Topic 3)
What must be used in Security Policy Rule that contain addresses where NAT policy applies?

A. Pre-NAT address and Pre-NAT zones
B. Post-NAT addresse and Post-Nat zones
C. Pre-NAT address and Post-Nat zones
D. Post-Nat addresses and Pre-NAT zones

Answer: C

NEW QUESTION 329
- (Exam Topic 3)
A network design calls for a "router on a stick" implementation with a PA-5060 performing inter-VLAN routing All VLAN-tagged traffic will be forwarded to the PA-5060 through a single dot1q trunk interface
Which interface type and configuration setting will support this design?

A. Trunk interface type with specified tag
B. Layer 3 interface type with specified tag
C. Layer 2 interface type with a VLAN assigned
D. Layer 3 subinterface type with specified tag

Answer: D

NEW QUESTION 330
- (Exam Topic 3)
An administrator has left a firewall to use the data of port for all management service which there functions are performed by the data face? (Choose three.)

A. NTP
B. Antivirus
C. Wildfire updates
D. NAT
E. File tracking

Answer: ACD

NEW QUESTION 332
- (Exam Topic 3)
Several offices are connected with VPNs using static IPv4 routes. An administrator has been tasked with implementing OSPF to replace static routing.
Which step is required to accomplish this goal?

A. Assign an IP address on each tunnel interface at each site
B. Enable OSPFv3 on each tunnel interface and use Area ID 0.0.0.0
C. Assign OSPF Area ID 0.0.0.0 to all Ethernet and tunnel interfaces
D. Create new VPN zones at each site to terminate each VPN connection

Answer: C

NEW QUESTION 335
- (Exam Topic 3)
Panorama provides which two SD_WAN functions? (Choose two.)

A. data plane
B. physical network links
C. network monitoring
D. control plane

Answer: CD

NEW QUESTION 337
- (Exam Topic 3)
What can missing SSL packets when performing a packet capture on dataplane interfaces?

A. The packets are hardware offloaded to the offloaded processor on the dataplane
B. The missing packets are offloaded to the management plane CPU
C. The packets are not captured because they are encrypted
D. There is a hardware problem with offloading FPGA on the management plane

Answer: A

NEW QUESTION 339
- (Exam Topic 3)
How can a Palo Alto Networks firewall be configured to send syslog messages in a format compatible with non-standard syslog servers?

A. Enable support for non-standard syslog messages under device management
B. Check the custom-format check box in the syslog server profile
C. Select a non-standard syslog server profile
D. Create a custom log format under the syslog server profile

Answer: D

NEW QUESTION 340
- (Exam Topic 3)
An administrator is configuring an IPSec VPN to a Cisco ASA at the administrator's home and experiencing issues completing the connection. the following is the output from the command:

What could be the cause of this problem?

A. The dead peer detection settings do not match between the Palo Alto Networks Firewall and the ASA.
B. The Proxy IDs on the Palo Alto Networks Firewall do not match the setting on the ASA.
C. The public IP addresses do not match for both the Palo Alto Networks Firewall and the ASA.
D. The shared secrets do not match between the Palo Alto Networks Firewall and the ASA.

Answer: C

NEW QUESTION 345
- (Exam Topic 3)
People are having intermittent quality issues during a live meeting via web application.

A. Use QoS profile to define QoS Classes
B. Use QoS Classes to define QoS Profile
C. Use QoS Profile to define QoS Classes and a QoS Policy
D. Use QoS Classes to define QoS Profile and a QoS Policy

Answer: C

NEW QUESTION 348
- (Exam Topic 3)
Starting with PAN-OS version 9.1, application dependency information is now reported in which new locations? (Choose two.)

A. On the App Dependency tab in the Commit Status window
B. On the Application tab in the Security Policy Rule creation window
C. On the Objects > Applications browsers pages
D. On the Policy Optimizer's Rule Usage page

Answer: AB

NEW QUESTION 350
- (Exam Topic 3)
Which interface configuration will accept specific VLAN IDs?

A. Tab Mode
B. Subinterface
C. Access Interface
D. Trunk Interface

Answer: B

NEW QUESTION 353
- (Exam Topic 3)
Given the following table.

Which configuration change on the firewall would cause it to use 10.66.24.88 as the next hop for the 192.168.93.0/30 network?

A. Configuring the administrative Distance for RIP to be lower than that of OSPF Int.
B. Configuring the metric for RIP to be higher than that of OSPF Int.
C. Configuring the administrative Distance for RIP to be higher than that of OSPF Ext.
D. Configuring the metric for RIP to be lower than that OSPF Ext.

Answer: A

NEW QUESTION 354
- (Exam Topic 3)
Which URL Filtering Security Profile action logs the URL Filtering category to the URL Filtering log?

A. Log
B. Alert
C. Allow
D. Default

Answer: B

Explanation:
https://www.paloaltonetworks.com/documentation/70/pan-os/pan-os/url-filtering/url-filtering-profile-actions

NEW QUESTION 359
- (Exam Topic 3)
A Palo Alto Networks firewall is being targeted by an NTP Amplification attack and is being flooded with tens thousands of bogus UDP connections per second to a single destination IP address and post.
Which option when enabled with the correction threshold would mitigate this attack without dropping legitirnate traffic to other hosts insides the network?

A. Zone Protection Policy with UDP Flood Protection
B. QoS Policy to throttle traffic below maximum limit
C. Security Policy rule to deny trafic to the IP address and port that is under attack
D. Classified DoS Protection Policy using destination IP only with a Protect action

Answer: D

NEW QUESTION 360
- (Exam Topic 3)
A company hosts a publically accessible web server behind a Palo Alto Networks next generation firewall with the following configuration information.
≫ Users outside the company are in the "Untrust-L3" zone
≫ The web server physically resides in the "Trust-L3" zone.
≫ Web server public IP address: 23.54.6.10
≫ Web server private IP address: 192.168.1.10
Which two items must be NAT policy contain to allow users in the untrust-L3 zone to access the web server? (Choose two)

A. Untrust-L3 for both Source and Destination zone
B. Destination IP of 192.168.1.10
C. Untrust-L3 for Source Zone and Trust-L3 for Destination Zone
D. Destination IP of 23.54.6.10

Answer: CD

NEW QUESTION 361
- (Exam Topic 3)

A network security engineer has a requirement to allow an external server to access an internal web server. The internal web server must also initiate connections with the external server.
What can be done to simplify the NAT policy?

A. Configure ECMP to handle matching NAT traffic
B. Configure a NAT Policy rule with Dynamic IP and Port
C. Create a new Source NAT Policy rule that matches the existing traffic and enable the Bi-directional option
D. Create a new Destination NAT Policy rule that matches the existing traffic and enable the Bi-directional option

Answer: C

Explanation:
https://www.paloaltonetworks.com/documentation/70/pan-os/pan-os/networking/nat-configuration-examples

NEW QUESTION 362
- (Exam Topic 3)
Palo Alto Networks maintains a dynamic database of malicious domains.
Which two Security Platform components use this database to prevent threats? (Choose two)

A. Brute-force signatures
B. BrightCloud Url Filtering
C. PAN-DB URL Filtering
D. DNS-based command-and-control signatures

Answer: CD

NEW QUESTION 363
- (Exam Topic 3)
Which Security Policy Rule configuration option disables antivirus and anti-spyware scanning of server-to-client flows only?

A. Disable Server Response Inspection
B. Apply an Application Override
C. Disable HIP Profile
D. Add server IP Security Policy exception

Answer: A

NEW QUESTION 367
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