

PCNSE Dumps

Palo Alto Networks Certified Security Engineer (PCNSE) PAN-OS 8.0

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



NEW QUESTION 1

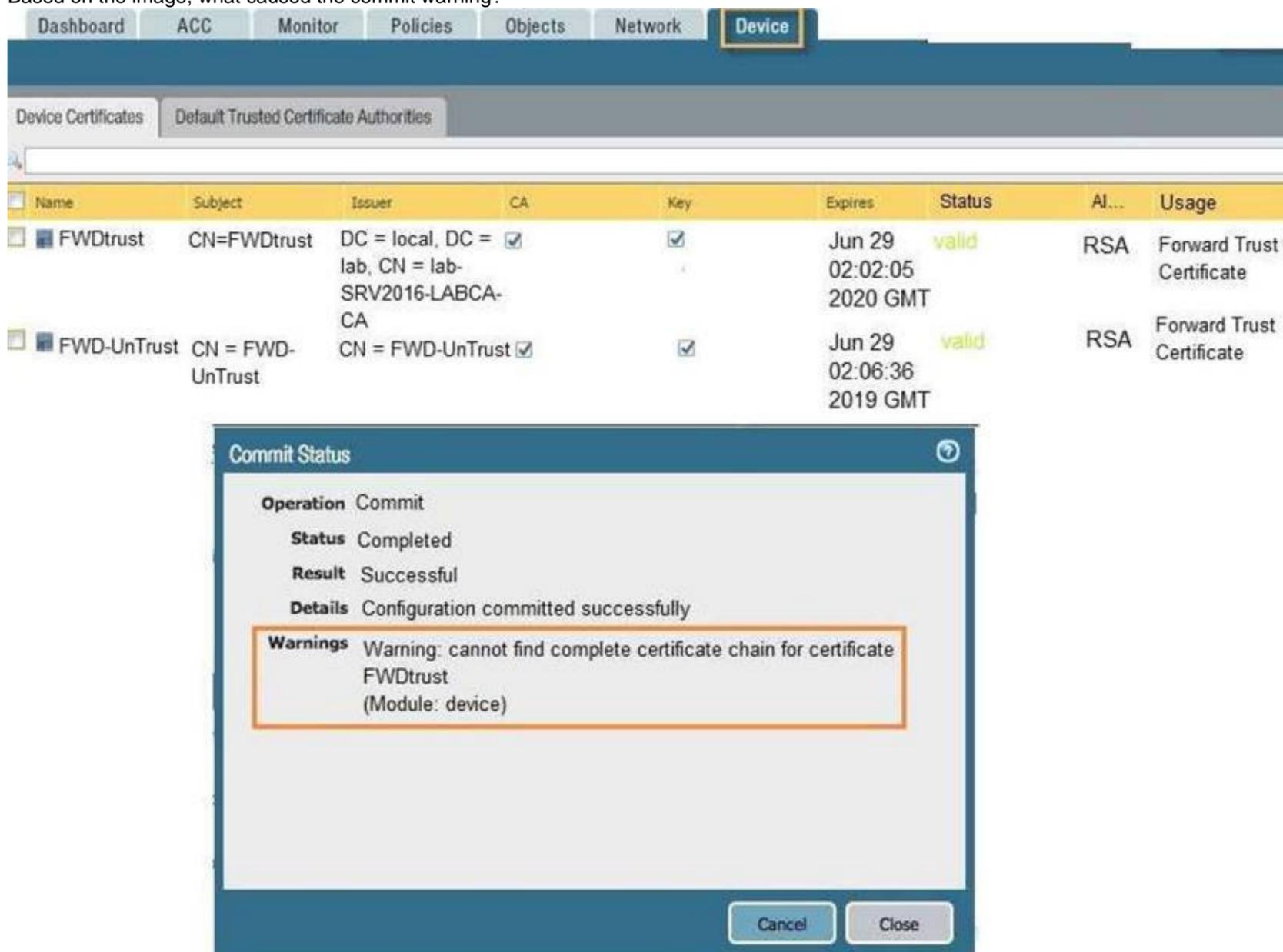
Which three split tunnel methods are supported by a globalProtect gateway? (Choose three.)

- A. video streaming application
- B. Client Application Process
- C. Destination Domain
- D. Source Domain
- E. Destination user/group
- F. URL Category

Answer: ABC

NEW QUESTION 2

Based on the image, what caused the commit warning?



- A. The CA certificate for FWDtrust has not been imported into the firewall.
- B. The FWDtrust certificate has not been flagged as Trusted Root CA.
- C. SSL Forward Proxy requires a public certificate to be imported into the firewall.
- D. The FWDtrust certificate does not have a certificate chain.

Answer: D

NEW QUESTION 3

An administrator is defining protection settings on the Palo Alto Networks NGFW to guard against resource exhaustion. When platform utilization is considered, which steps must the administrator take to configure and apply packet buffer protection?

- A. Enable and configure the Packet Buffer protection thresholds.Enable Packet Buffer Protection per ingress zone.
- B. Enable and then configure Packet Buffer thresholdsEnable Interface Buffer protection.
- C. Create and Apply Zone Protection Profiles in all ingress zones.Enable Packet Buffer Protection per ingress zone.
- D. Configure and apply Zone Protection Profiles for all egress zones.Enable Packet Buffer Protection pre egress zone.
- E. Enable per-vsyt Session Threshold alerts and triggers for Packet Buffer Limits.Enable Zone Buffer Protection per zone.

Answer: A

NEW QUESTION 4

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: C

NEW QUESTION 5

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 6

Which version of GlobalProtect supports split tunneling based on destination domain, client process, and HTTP/HTTPS video streaming application?

- A. GlobalProtect version 4.0 with PAN-OS 8.1
- B. GlobalProtect version 4.1 with PAN-OS 8.1
- C. GlobalProtect version 4.1 with PAN-OS 8.0
- D. GlobalProtect version 4.0 with PAN-OS 8.0

Answer: B

NEW QUESTION 7

How does Panorama prompt VMWare NSX to quarantine an infected VM?

- A. HTTP Server Profile
- B. Syslog Server Profile
- C. Email Server Profile
- D. SNMP Server Profile

Answer: A

NEW QUESTION 8

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

The screenshot shows the Palo Alto Networks Monitor interface. The 'System' log category is selected, displaying a list of events. The table below represents the data visible in the screenshot:

Receive Time	Type	Severity	Event	Object	Description
06/16 08:41:43	general	Informational	general		User admin accessed Monitor tab
06/16 08:40:40	general	Informational	general		User admin logged in via Web from 192.168.55.1 using https
06/16 08:40:40	auth	Informational	auth-success		authenticated for user 'admin'. From: 192.168.55.1.
06/16 08:40:06	general	Informational	general		LOGIN ON tty1 BY admin
06/16 08:39:43	general	Informational	general		User admin logged in via CLI from Console
06/16 08:39:42	auth	Informational	auth-success		authenticated for user 'admin'. From: (null).
06/16 08:39:16	url-filtering	Informational	upgrade-uri-database-success		PAN-DB was upgraded to version 20170615.40151.
06/16 08:34:15	url-filtering	Informational	upgrade-uri-database-success		PAN-DB was upgraded to version 20170615.40150.
06/16 08:31:44	general	Informational	general		Failed to connect to Panorama Server: 192.168.55.5 Port: 3978 Retry: 0
06/16 08:31:40	ntpd	Informational	restart		NTP restart synchronization performed
06/16 08:31:33	general	Informational	general		Commit job succeeded. Completion time=2017/06/16 08:31:33. JobId=29. User=admin

B

Receive Time	Type	From Zone	To Zone	Source	Source User	Destination
06/14 08:14:14	end	inside	outside	192.168.45.1		192.168.45.255
06/14 08:13:44	drop	outside	outside	192.168.55.1		192.168.55.255
06/14 08:04:14	end	inside	outside	192.168.45.1		192.168.45.255
06/14 08:03:45	drop	outside	outside	192.168.55.1		192.168.55.255
06/14 07:59:38	end	inside	outside	192.168.45.1		192.168.45.255
06/14 07:59:06	drop	outside	outside	192.168.55.1		192.168.55.255
06/14 07:40:27	end	inside	outside	192.168.45.1		192.168.45.255
06/14 07:39:57	drop	outside	outside	192.168.55.1		192.168.55.255
06/14 07:39:56	drop	outside	outside	192.168.55.1		192.168.55.255
06/14 07:39:55	drop	outside	outside	192.168.55.1		192.168.55.255

C

05/23 20:49:30	port	informational	link-change	ethernet1/1	Port ethernet1/1: Down 10Gb/s-full duplex
05/23 20:49:29	port	high	link-change	MGT	Port MGT: Down 1Gb/s Full duplex
05/23 20:47:24	port	informational	link-change	ethernet1/1	Port ethernet1/1: Up 10Gb/s-full duplex
05/23 20:47:22	port	informational	link-change	MGT	Port MGT: Up Unknown
05/23 20:47:18	port	informational	link-change	ethernet1/1	Port ethernet1/1: Down 10Gb/s-full duplex
05/23 20:47:17	port	high	link-change	MGT	Port MGT: Down 1Gb/s Full duplex

D

Type	Status	Start Time	Messages	Action
Config Logs	Completed	06/16/17 08:40:53		
System Logs	Completed	06/16/17 08:40:53		
Data Logs	Completed	06/16/17 08:40:53		
Commit	Completed	06/16/17 08:31:19	Commit Processing By: admin Start Time (Dequeued Time): 06/16/17 08:31:19 • Configuration committed successfully	
Commit	Completed	06/16/17 08:30:15	Commit Processing By: admin Start Time (Dequeued Time): 06/16/17 08:30:15 • Configuration committed successfully	

- A. Exhibit A
- B. Exhibit B
- C. Exhibit C
- D. Exhibit D

Answer: AD

NEW QUESTION 9

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>

NEW QUESTION 10

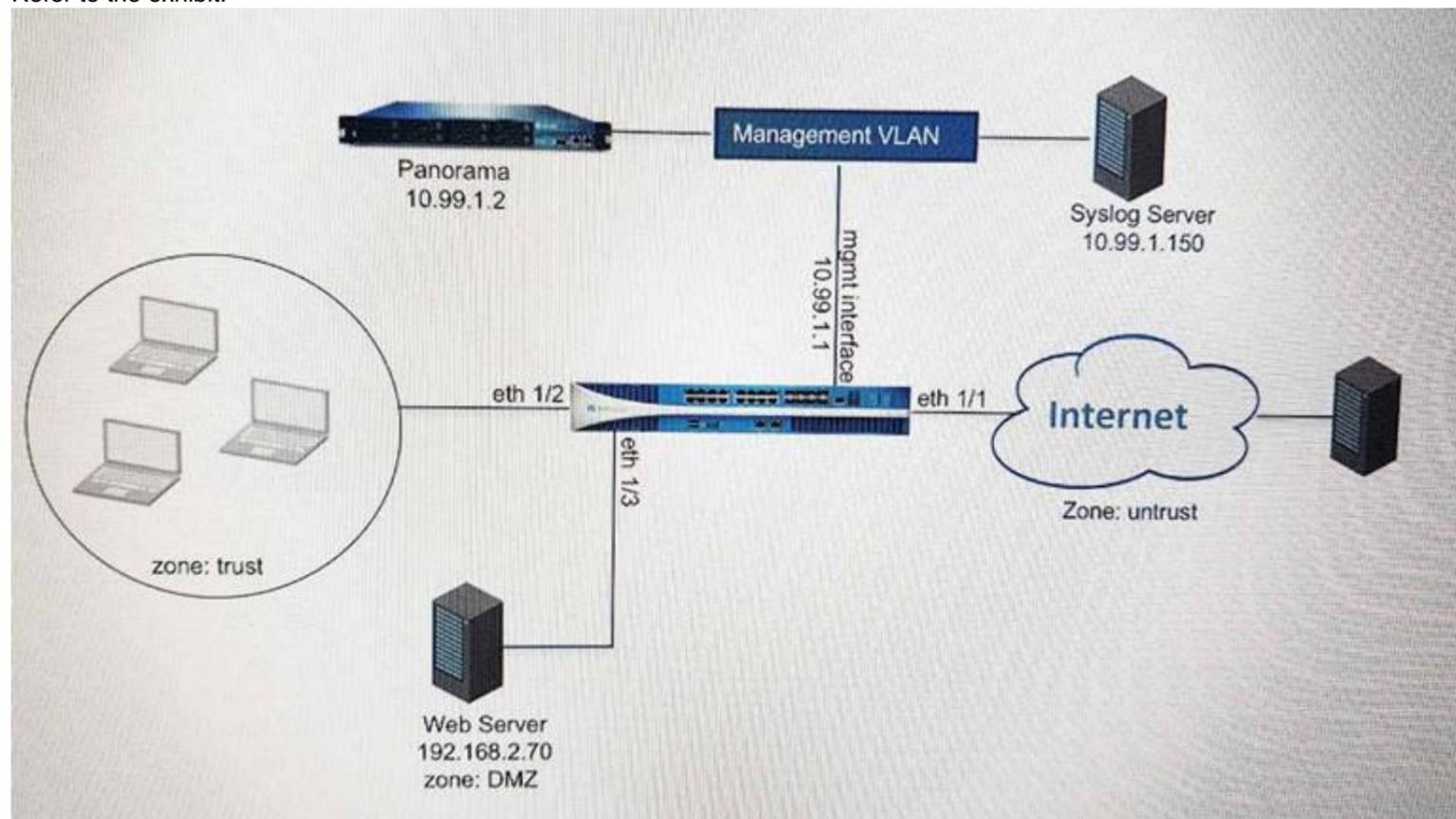
A company needs to preconfigure firewalls to be sent to remote sites with the least amount of reconfiguration. Once deployed, each firewall must establish secure tunnels back to multiple regional data centers to include the future regional data centers. Which VPN configuration would adapt to changes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

- A. Preconfigured GlobalProtect satellite
- B. Preconfigured GlobalProtect client
- C. Preconfigured IPsec tunnels
- D. Preconfigured PPTP Tunnels

Answer: A

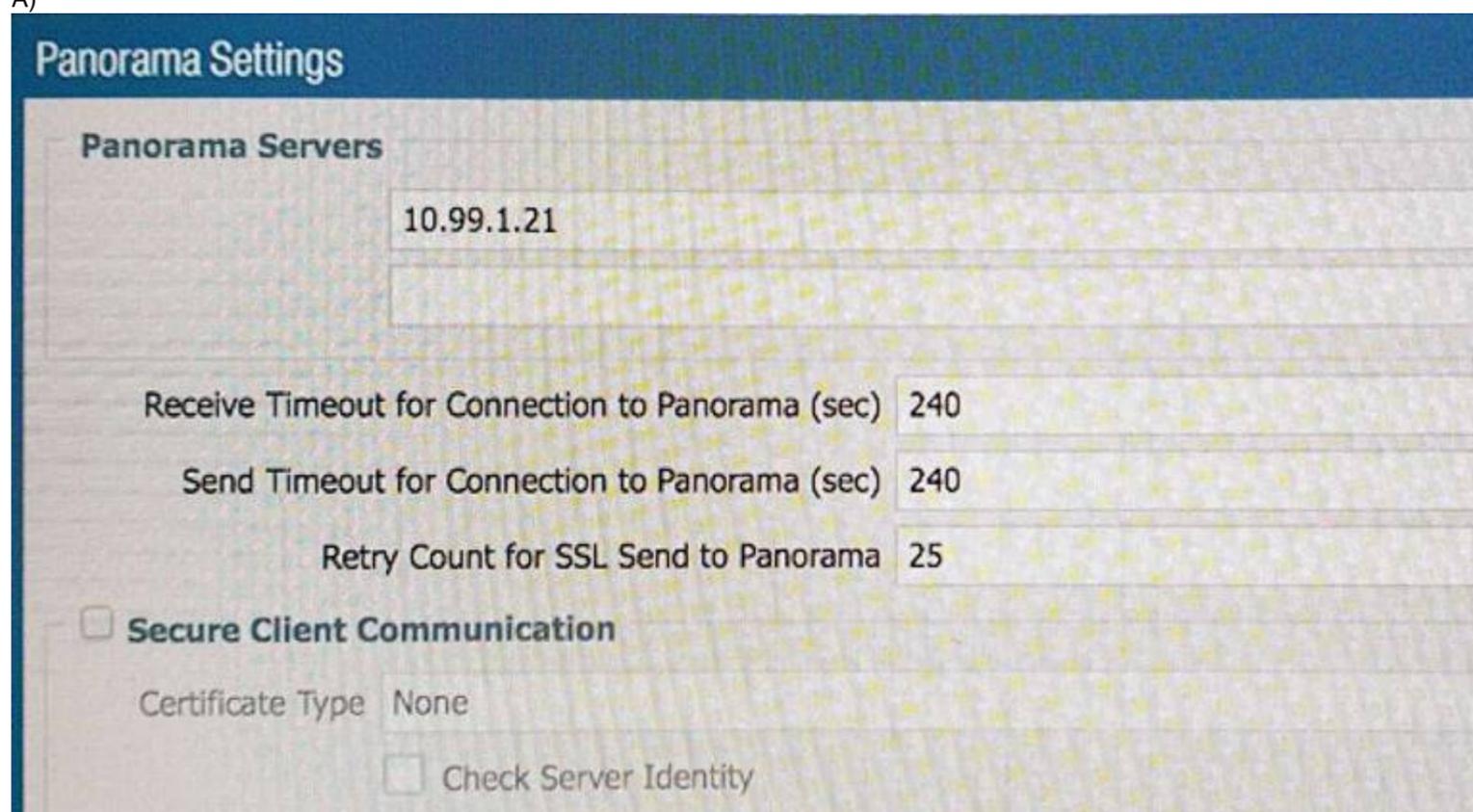
NEW QUESTION 10

Refer to the exhibit.

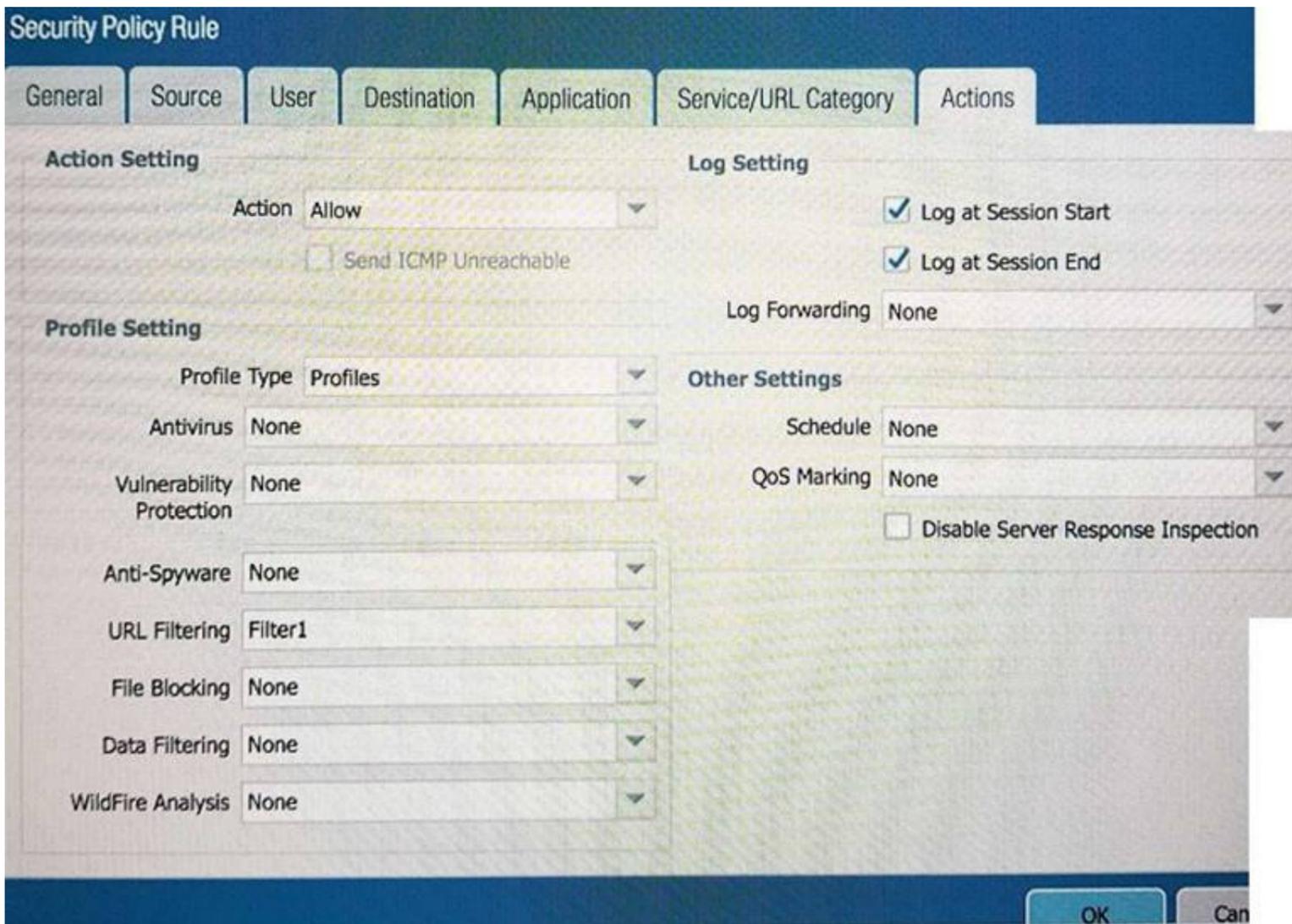


An administrator cannot see any of the Traffic logs from the Palo Alto Networks NGFW on Panorama. The configuration problem seems to be on the firewall side. Where is the best place on the Palo Alto Networks NGFW to check whether the configuration is correct?

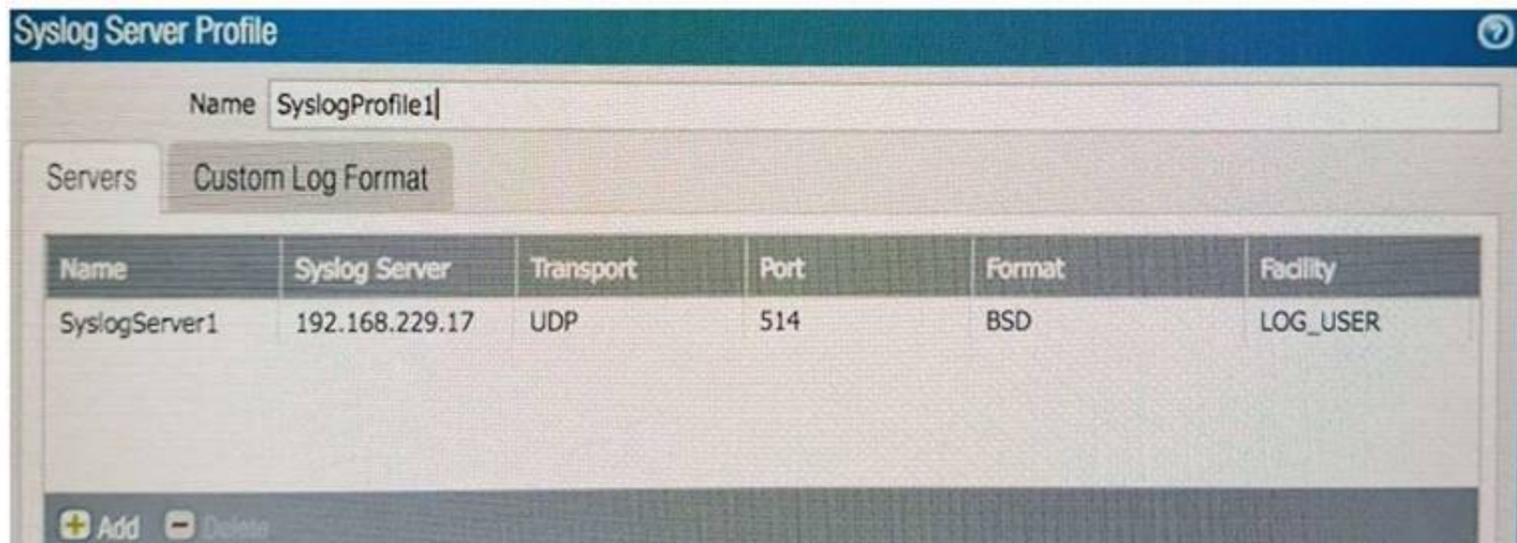
A)



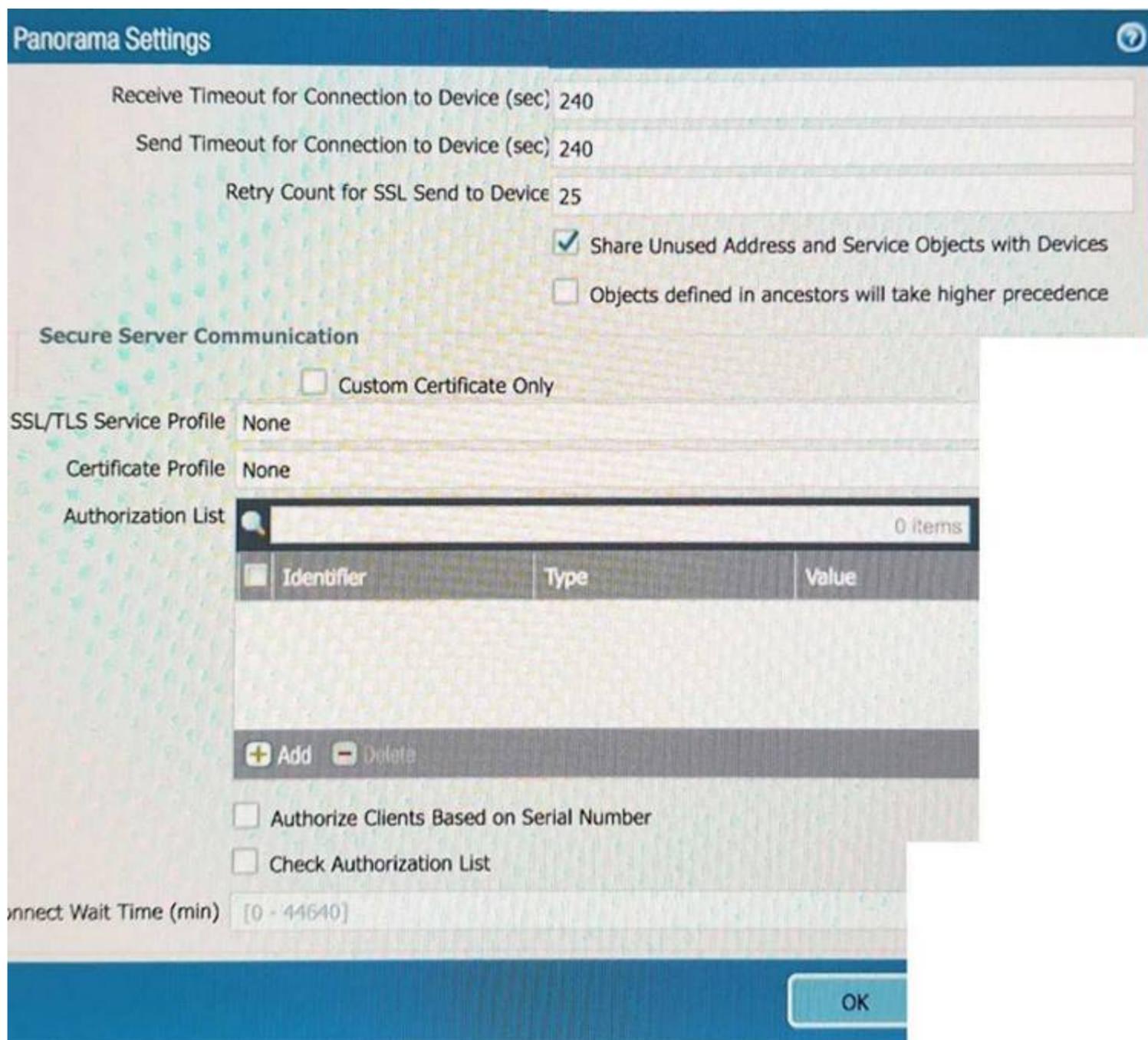
B)



C)



D)



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

Answer: D

NEW QUESTION 15

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-globalprotect-portals>

NEW QUESTION 20

If a template stack is assigned to a device and the stack includes three templates with overlapping settings, which settings are published to the device when the template stack is pushed?

- A. The settings assigned to the template that is on top of the stack.
- B. The administrator will be promoted to choose the settings for that chosen firewall.
- C. All the settings configured in all templates.
- D. Depending on the firewall location, Panorama decides with settings to send.

Answer: B

Explanation:

Reference:

https://www.paloaltonetworks.com/documentation/80/panorama/panorama_adminguide/manage-firewalls/manage-templates-and-template-stacks/configure-a-template-stack

NEW QUESTION 24

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://www.paloaltonetworks.com/documentation/80/pan-os/pan-os-policy/register-ip-addresses-and-tags-dynamically>

NEW QUESTION 27

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

NEW QUESTION 29

An administrator encountered problems with inbound decryption. Which option should the administrator investigate as part of triage?

- A. Security policy rule allowing SSL to the target server
- B. Firewall connectivity to a CRL
- C. Root certificate imported into the firewall with "Trust" enabled
- D. Importation of a certificate from an HSM

Answer: A

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/decryption/configure-ssl-inbound-inspection>

NEW QUESTION 31

Which User-ID method maps IP addresses to usernames for users connecting through an 802.1x-enabled wireless network device that has no native integration with PAN-OS® software?

- A. XML API
- B. Port Mapping
- C. Client Probing
- D. Server Monitoring

Answer: A

Explanation:

Captive Portal and the other standard user mapping methods might not work for certain types of user access. For example, the standard methods cannot add mappings of users connecting from a third-party VPN solution or users connecting to a 802.1x-enabled wireless network. For such cases, you can use the PAN-OS XML API to capture login events and send them to the PAN-OS integrated User-ID agent Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/user-id/user-id-concepts>

NEW QUESTION 35

A user's traffic traversing a Palo Alto Networks NGFW sometimes can reach <http://www.company.com>. At other times the session times out. The NGFW has been configured with a PBF rule that the user's traffic matches when it goes to <http://www.company.com>. How can the firewall be configured automatically disable the PBF rule if the next hop goes down?

- A. Create and add a Monitor Profile with an action of Wait Recover in the PBF rule in question.
- B. Create and add a Monitor Profile with an action of Fail Over in the PBF rule in question.
- C. Enable and configure a Link Monitoring Profile for the external interface of the firewall.
- D. Configure path monitoring for the next hop gateway on the default route in the virtual router.

Answer: C

NEW QUESTION 39

An administrator needs to implement an NGFW between their DMZ and Core network. EIGRP Routing between the two environments is required. Which interface type would support this business requirement?

- A. Virtual Wire interfaces to permit EIGRP routing to remain between the Core and DMZ
- B. Layer 3 or Aggregate Ethernet interfaces, but configuring EIGRP on subinterfaces only
- C. Tunnel interfaces to terminate EIGRP routing on an IPsec tunnel (with the GlobalProtect License to support LSVPN and EIGRP protocols)

D. Layer 3 interfaces, but configuring EIGRP on the attached virtual router

Answer: C

NEW QUESTION 44

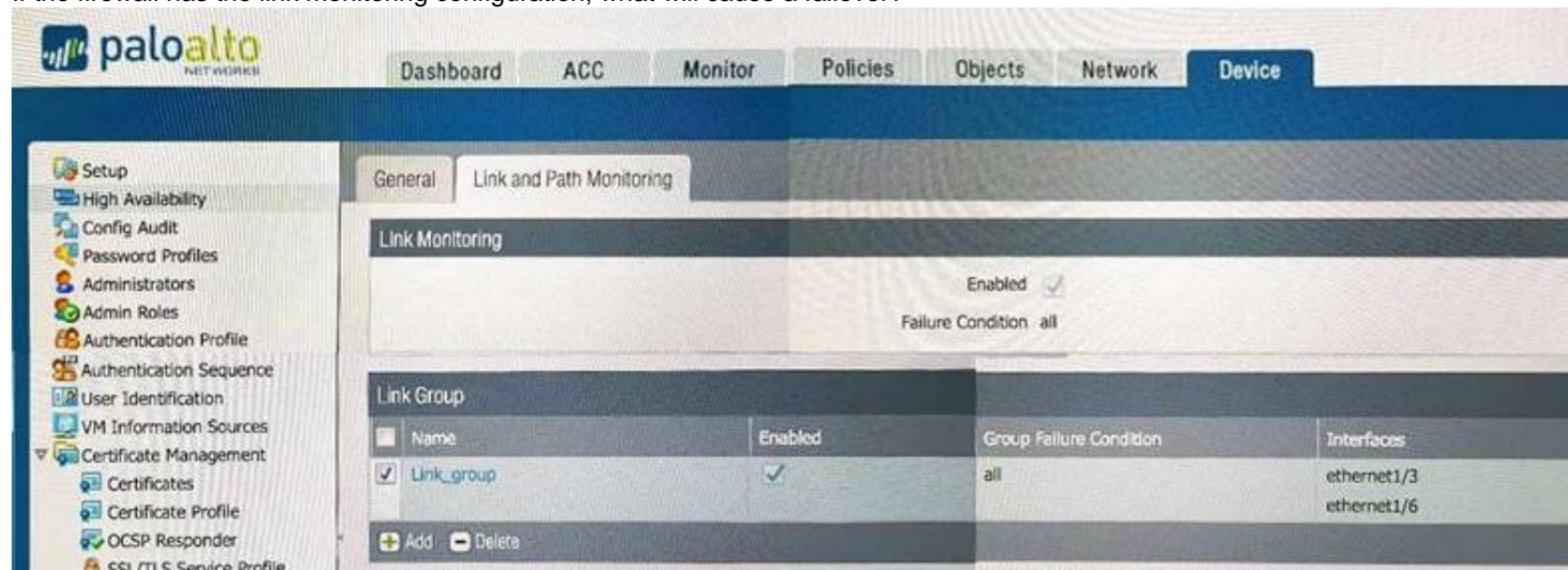
A web server is hosted in the DMZ, and the server is configured to listen for incoming connections only on TCP port 8080. A Security policy rule allowing access from the Trust zone to the DMZ zone need to be configured to enable we browsing access to the server.
Which application and service need to be configured to allow only cleartext web-browsing traffic to thins server on tcp/8080.

- A. application: web-browsing; service: application-default
- B. application: web-browsing; service: service-https
- C. application: ssl; service: any
- D. application: web-browsing; service: (custom with destination TCP port 8080)

Answer: A

NEW QUESTION 46

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 50

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

NEW QUESTION 52

Which method does an administrator use to integrate all non-native MFA platforms in PAN-OS® software?

- A. Okta
- B. DUO
- C. RADIUS
- D. PingID

Answer: C

NEW QUESTION 56

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-users>

NEW QUESTION 57

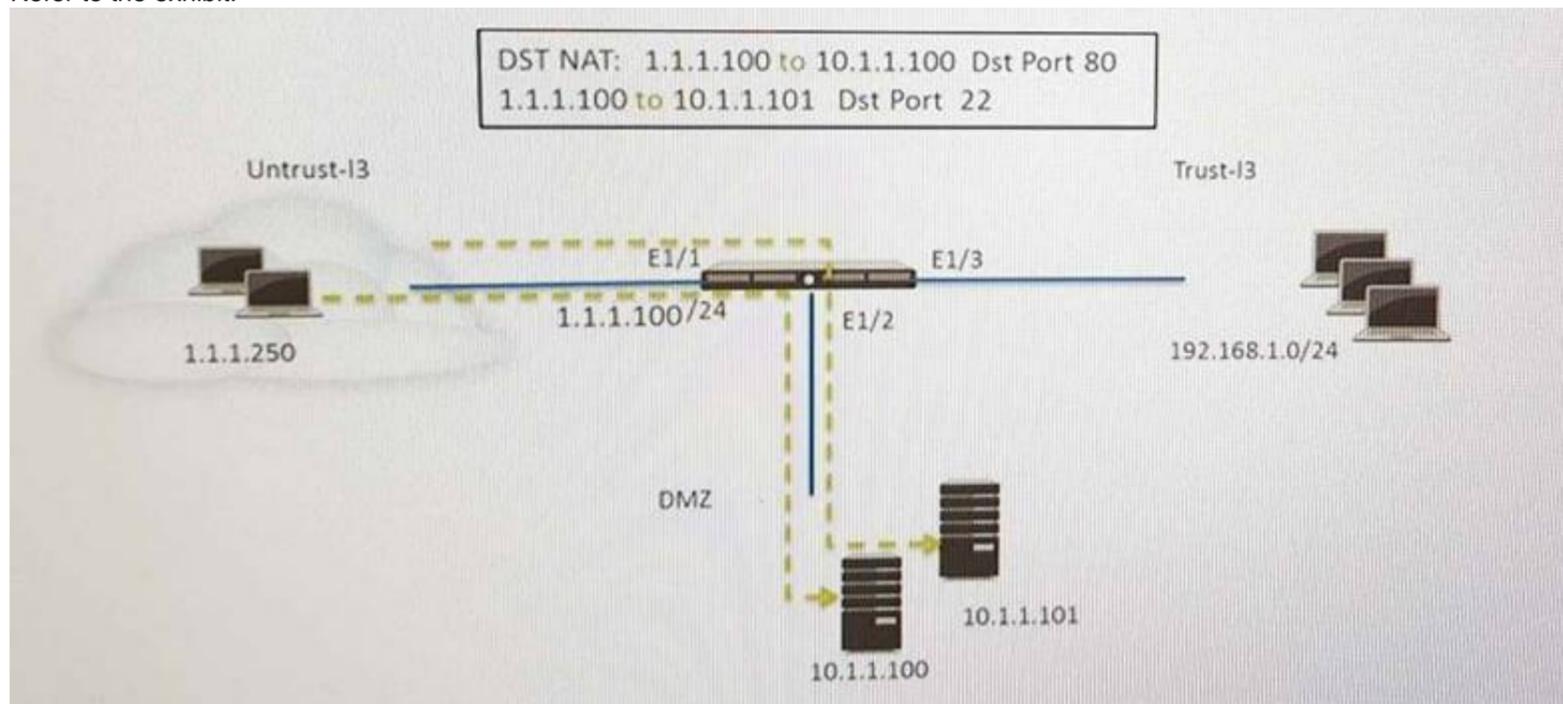
A session in the Traffic log is reporting the application as “incomplete.” What does “incomplete” mean?

- A. The three-way TCP handshake was observed, but the application could not be identified.
- B. The three-way TCP handshake did not complete.
- C. The traffic is coming across UDP, and the application could not be identified.
- D. Data was received but was instantly discarded because of a Deny policy was applied before App-ID could be applied.

Answer: B

NEW QUESTION 62

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.)

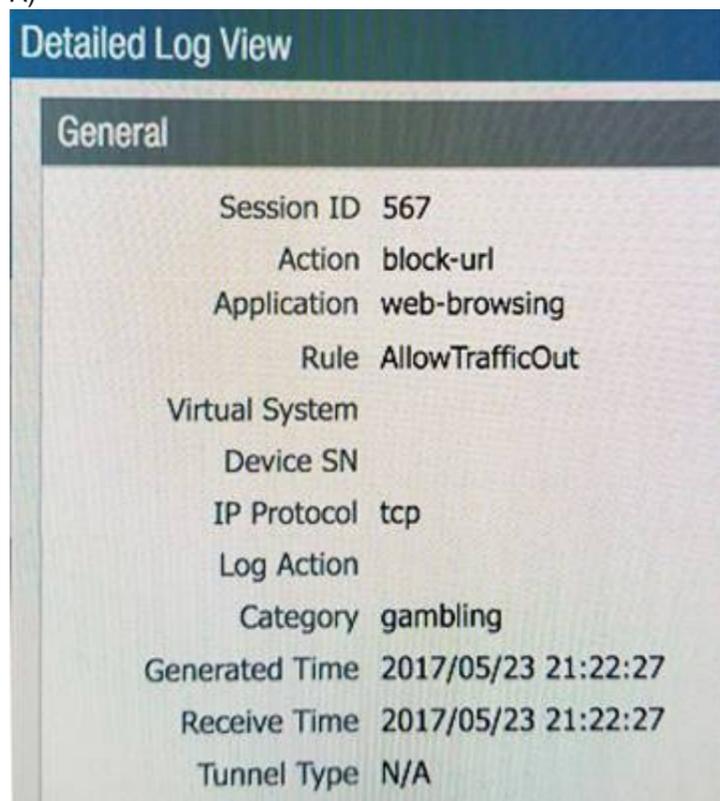
- A. Untrust (Any) to Untrust (10.1.1.1), web-browsing -Allow
- B. Untrust (Any) to Untrust (10.1.1.1), ssh -Allow
- C. Untrust (Any) to DMZ (10.1.1.1), web-browsing -Allow
- D. Untrust (Any) to DMZ (10.1.1.1), ssh -Allow
- E. Untrust (Any) to DMZ (10.1.1.100.10.1.1.101), ssh, web-browsing -Allow

Answer: CD

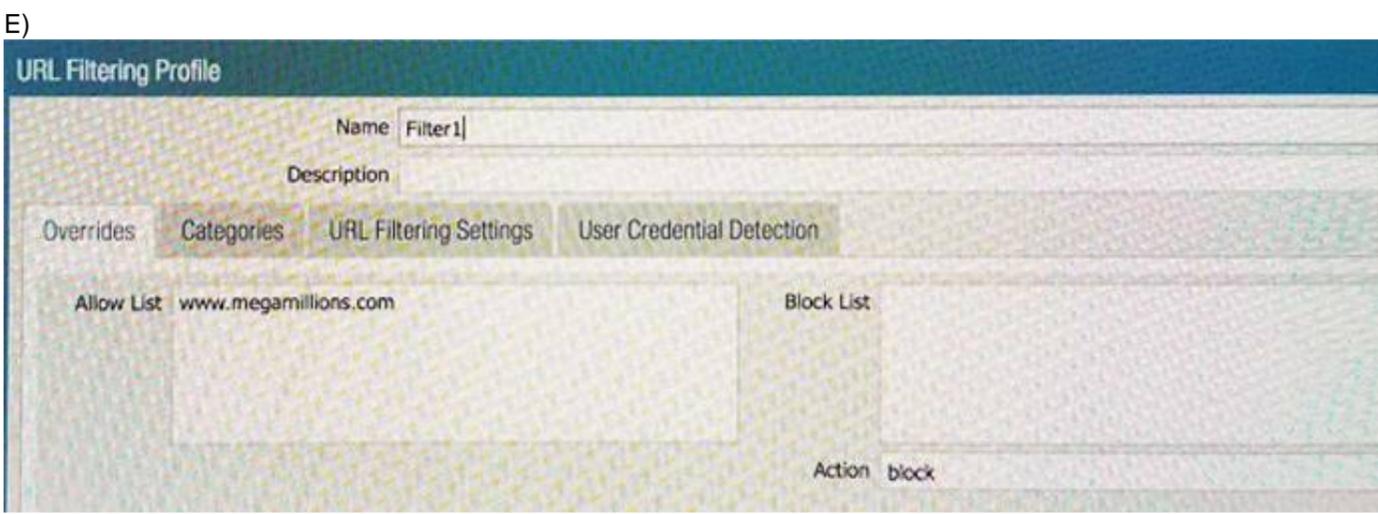
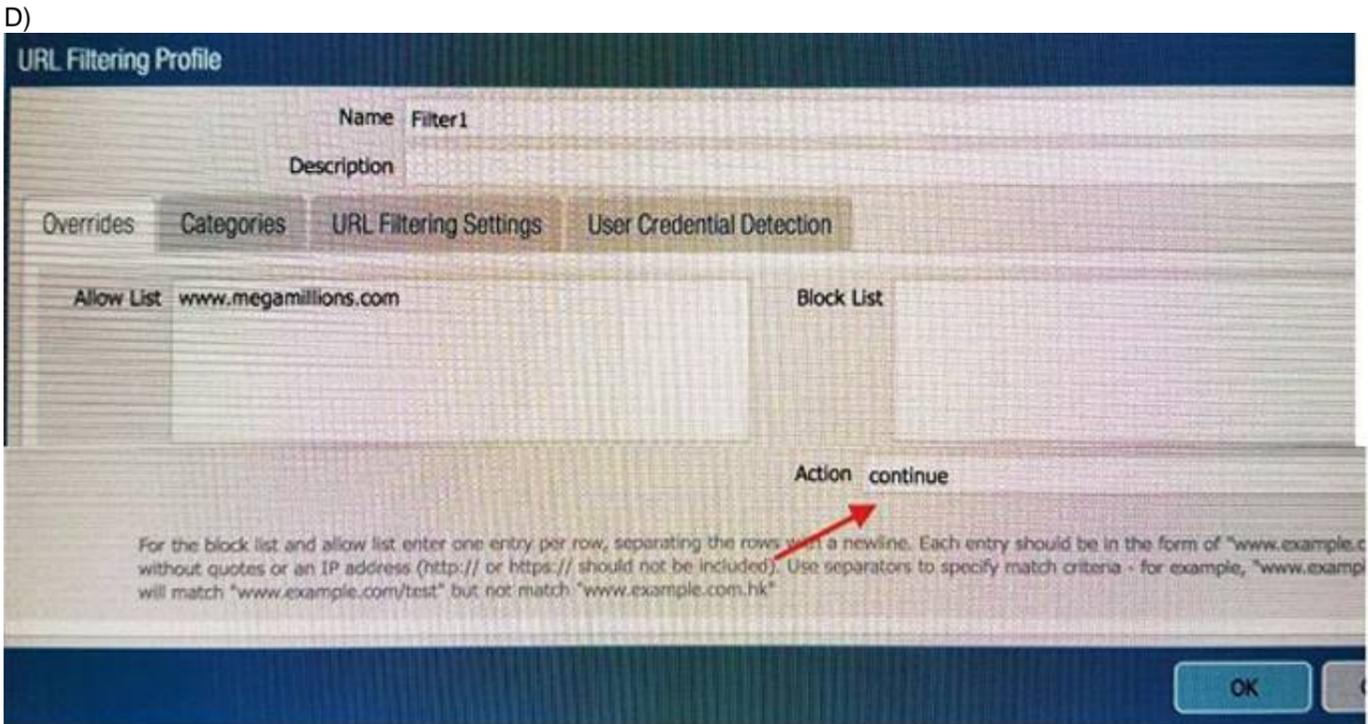
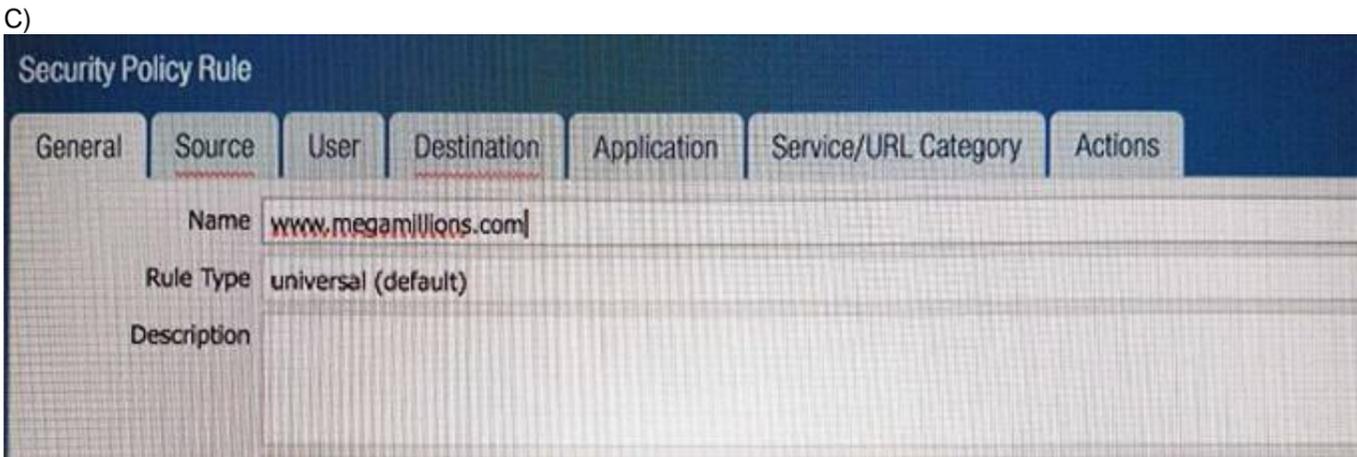
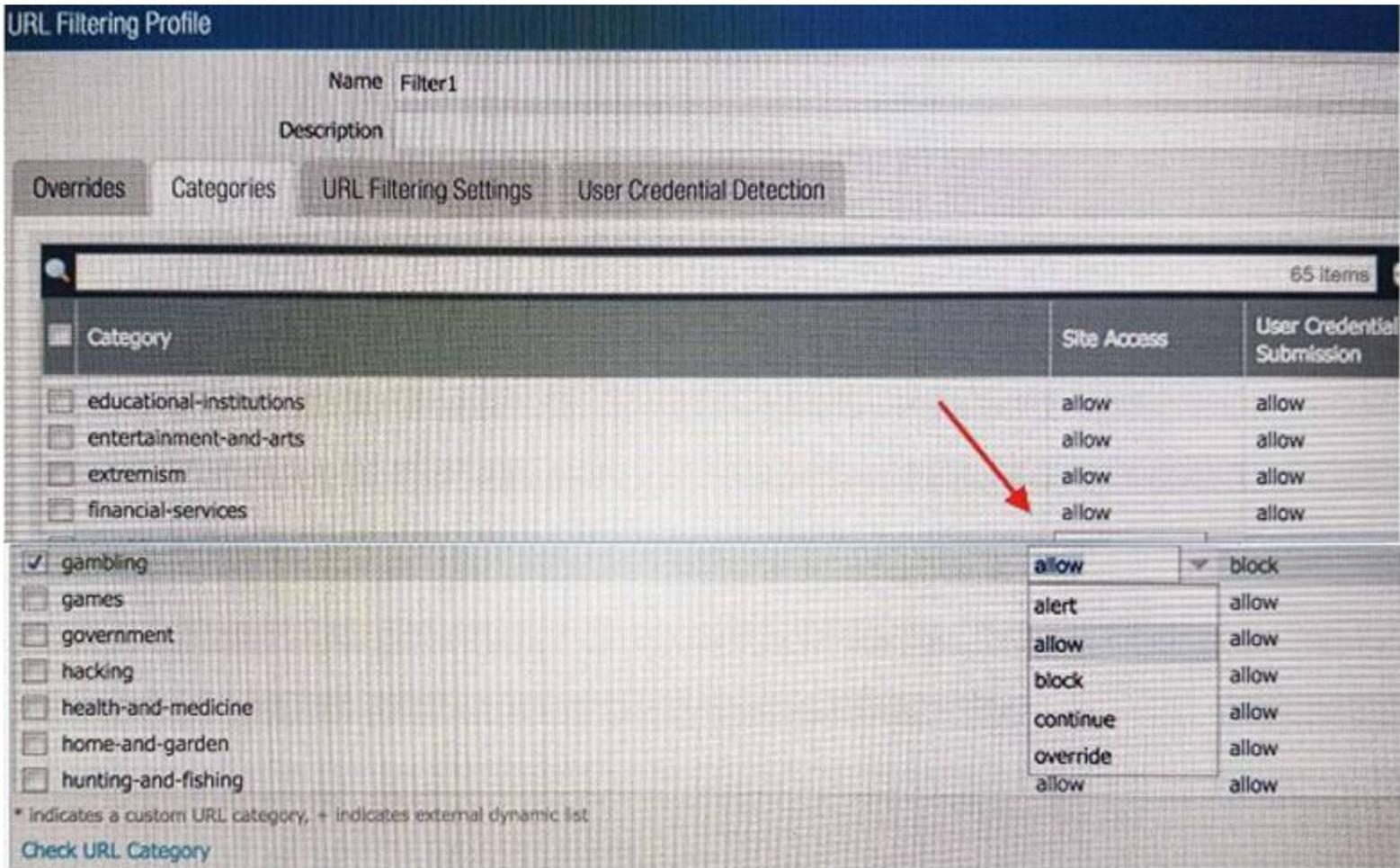
NEW QUESTION 63

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.

A)



B)



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

Answer: B

NEW QUESTION 66

Which three authentication services can administrator use to authenticate admins into the Palo Alto Networks NGFW without defining a corresponding admin account on the local firewall? (Choose three.)

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

Answer: DEF

NEW QUESTION 67

Which Security policy rule will allow an admin to block facebook chat but allow Facebook in general?

- A. Deny application facebook-chat before allowing application facebook
- B. Deny application facebook on top
- C. Allow application facebook on top
- D. Allow application facebook before denying application facebook-chat

Answer: A

Explanation:

Reference: <https://live.paloaltonetworks.com/t5/Configuration-Articles/Failed-to-Block-Facebook-Chat-Consistently/ta-p/115673>

NEW QUESTION 68

A client is concerned about resource exhaustion because of denial-of-service attacks against their DNS servers. Which option will protect the individual servers?

- A. Enable packet buffer protection on the Zone Protection Profile.
- B. Apply an Anti-Spyware Profile with DNS sinkholing.
- C. Use the DNS App-ID with application-default.
- D. Apply a classified DoS Protection Profile.

Answer: A

NEW QUESTION 71

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 73

In a virtual router, which object contains all potential routes?

- A. MIB
- B. RIB
- C. SIP
- D. FIB

Answer: B

Explanation:

Reference: https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=10&ved=0ahUKEwiOkbfYzPzXAhVnEJoKHcwVCg4QFghiMAk&url=https%3A%2F%2Flive.paloaltonetworks.com%2Ftwzvq79624%2Fattachments%2Ftwzvq79624%2Fdocumentation_tkb%2F487%2F1%2FRoute%2520Redistribution%2520and%2520Filtering%2520TechNote%2520-%2520Rev%2520B.pdf&usg=AOvVaw0H9qgaJK0oI2xjJBNo1Km

NEW QUESTION 76

An administrator creates an SSL decryption rule decrypting traffic on all ports. The administrator also creates a Security policy rule allowing only the applications DNS, SSL, and web-browsing.

The administrator generates three encrypted BitTorrent connections and checks the Traffic logs. There are three entries. The first entry shows traffic dropped as application Unknown. The next two entries show traffic allowed as application SSL.

Which action will stop the second and subsequent encrypted BitTorrent connections from being allowed as SSL?

- A. Create a decryption rule matching the encrypted BitTorrent traffic with action "No-Decrypt," and place the rule at the top of the Decryption policy.
- B. Create a Security policy rule that matches application "encrypted BitTorrent" and place the rule at the top of the Security policy.
- C. Disable the exclude cache option for the firewall.
- D. Create a Decryption Profile to block traffic using unsupported cyphers, and attach the profile to the decryption rule.

Answer: D

NEW QUESTION 81

Refer to the exhibit.

Name	Location	Subject	Issuer	CA	Key	Expires	Status	Algorithm	Usage
Domain-Root-Cert	vsys1	DC = local, DC = lab, CN = lab-DEMO-2008R2-CA	DC = local, DC = lab, CN = lab-DEMO-2008R2-CA	<input checked="" type="checkbox"/>		Nov 1 00:34:47 2021 GMT	valid	RSA	Trusted Root CA Certificate
Domain Sub-CA	vsys1	CN = sca.lab.local	DC = local, DC = lab, CN = lab-DEMO-2008R2-CA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Jun 6 20:59:38 2019 GMT	valid	RSA	
Forward_Trust	vsys1	CN = fwdtrust.la...	CN = sca.lab.local		<input checked="" type="checkbox"/>	Jun 6 21:09:49 2018 GMT	valid	RSA	

Which certificates can be used as a Forwarded Trust certificate?

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

Answer: A

NEW QUESTION 82

Which item enables a firewall administrator to see details about traffic that is currently active through the NGFW?

- A. ACC
- B. System Logs
- C. App Scope
- D. Session Browser

Answer: D

NEW QUESTION 86

Which CLI command can be used to export the tcpdump capture?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: <https://live.paloaltonetworks.com/t5/Management-Articles/How-To-Packet-Capture-tcpdump-On-Management-Interface/ta-p/55415>

NEW QUESTION 90

An administrator has configured the Palo Alto Networks NGFW's management interface to connect to the internet through a dedicated path that does not traverse back through the NGFW itself. Which configuration setting or step will allow the firewall to get automatic application signature updates?

- A. A scheduler will need to be configured for application signatures.
- B. A Security policy rule will need to be configured to allow the update requests from the firewall to the update servers.
- C. A Threat Prevention license will need to be installed.
- D. A service route will need to be configured.

Answer: D

Explanation:

The firewall uses the service route to connect to the Update Server and checks for new content release versions and, if there are updates available, displays them at the top of the list.

Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/web-interface-help/device/device-dynamic-updates>

NEW QUESTION 95

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: BD

NEW QUESTION 100

Which tool provides an administrator the ability to see trends in traffic over periods of time, such as threats detected in the last 30 days?

- A. Session Browser
- B. Application Command Center
- C. TCP Dump
- D. Packet Capture

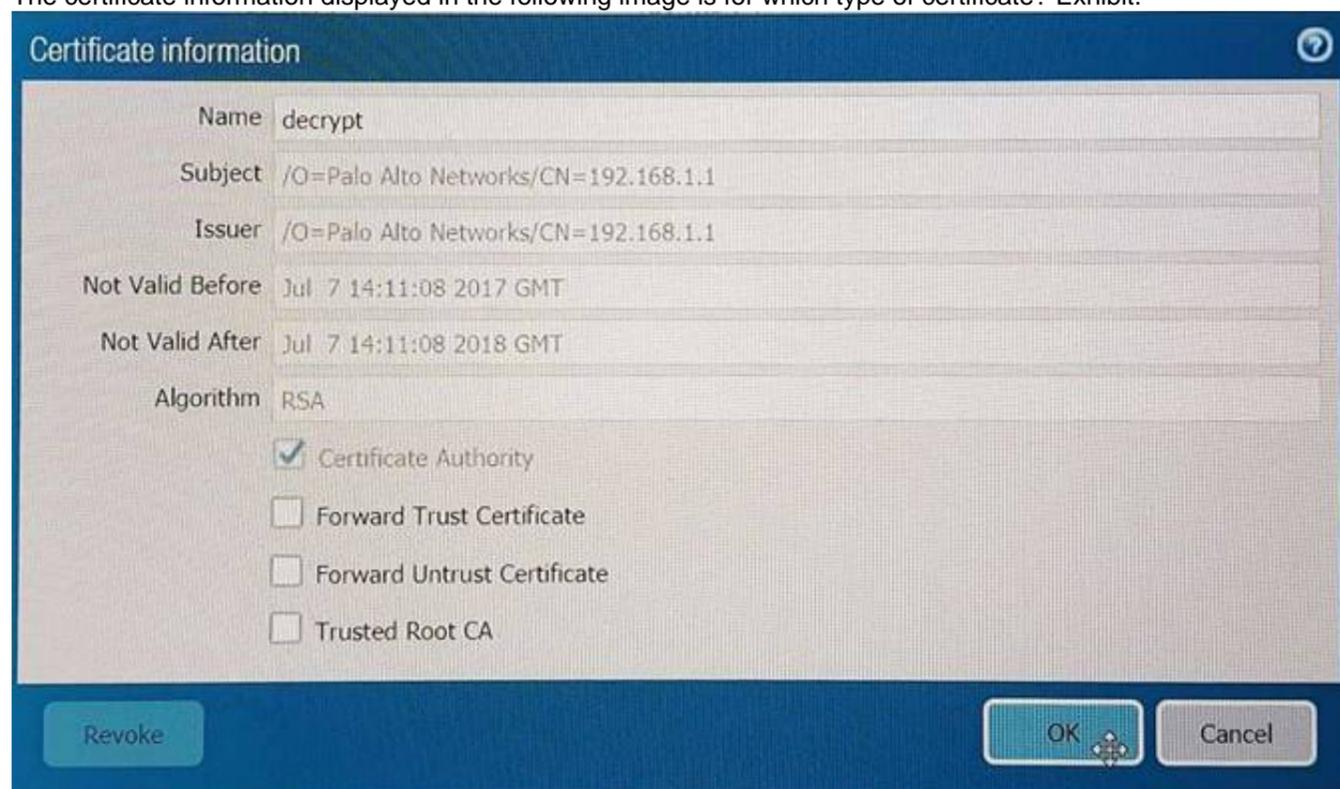
Answer: B

Explanation:

Reference: <https://live.paloaltonetworks.com/t5/Management-Articles/Tips-and-Tricks-How-to-Use-the-Application-Command-Center-ACC/ta-p/67342>

NEW QUESTION 102

The certificate information displayed in the following image is for which type of certificate? Exhibit:



- A. Forward Trust certificate
- B. Self-Signed Root CA certificate
- C. Web Server certificate
- D. Public CA signed certificate

Answer: D

NEW QUESTION 103

Which three steps will reduce the CPU utilization on the management plane? (Choose three.)

- A. Disable SNMP on the management interface.
- B. Application override of SSL application.
- C. Disable logging at session start in Security policies.
- D. Disable predefined reports.
- E. Reduce the traffic being decrypted by the firewall.

Answer: CDE

NEW QUESTION 107

Which feature must you configure to prevent users from accidentally submitting their corporate credentials to a phishing website?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/80/pan-os/pan-os/threat-prevention/prevent-credential-phishing>

NEW QUESTION 112

An administrator sees several inbound sessions identified as unknown-tcp in the Traffic logs. The administrator determines that these sessions are from external users accessing the company's proprietary accounting application. The administrator wants to reliably identify this traffic as their accounting application and to

scan this traffic for threats.
Which option would achieve this result?

- A. Create a custom App-ID and enable scanning on the advanced tab.
- B. Create an Application Override policy.
- C. Create a custom App-ID and use the "ordered conditions" check box.
- D. Create an Application Override policy and custom threat signature for the application.

Answer: A

NEW QUESTION 114

The administrator has enabled BGP on a virtual router on the Palo Alto Networks NGFW, but new routes do not seem to be populating the virtual router. Which two options would help the administrator troubleshoot this issue? (Choose two.)

- A. View the System logs and look for the error messages about BGP.
- B. Perform a traffic pcap on the NGFW to see any BGP problems.
- C. View the Runtime Stats and look for problems with BGP configuration.
- D. View the ACC tab to isolate routing issues.

Answer: CD

NEW QUESTION 116

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

NEW QUESTION 121

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 123

Which virtual router feature determines if a specific destination IP address is reachable?

- A. Heartbeat Monitoring
- B. Failover
- C. Path Monitoring
- D. Ping-Path

Answer: C

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/policy/pbf>

NEW QUESTION 125

An administrator has created an SSL Decryption policy rule that decrypts SSL sessions on any port. Which log entry can the administrator use to verify that sessions are being decrypted?

- A. In the details of the Traffic log entries
- B. Decryption log
- C. Data Filtering log
- D. In the details of the Threat log entries

Answer: A

Explanation:

Reference: <https://live.paloaltonetworks.com/t5/Configuration-Articles/How-to-Implement-and-Test-SSL-Decryption/ta-p/59719>

NEW QUESTION 129

An administrator has been asked to configure a Palo Alto Networks NGFW to provide protection against external hosts attempting to exploit a flaw in an operating system on an internal system. Which Security Profile type will prevent this attack?

- A. Vulnerability Protection
- B. Anti-Spyware
- C. URL Filtering
- D. Antivirus

Answer: A

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/web-interface-help/objects/objects-security-profiles-vulnerability-protection>

NEW QUESTION 131

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.

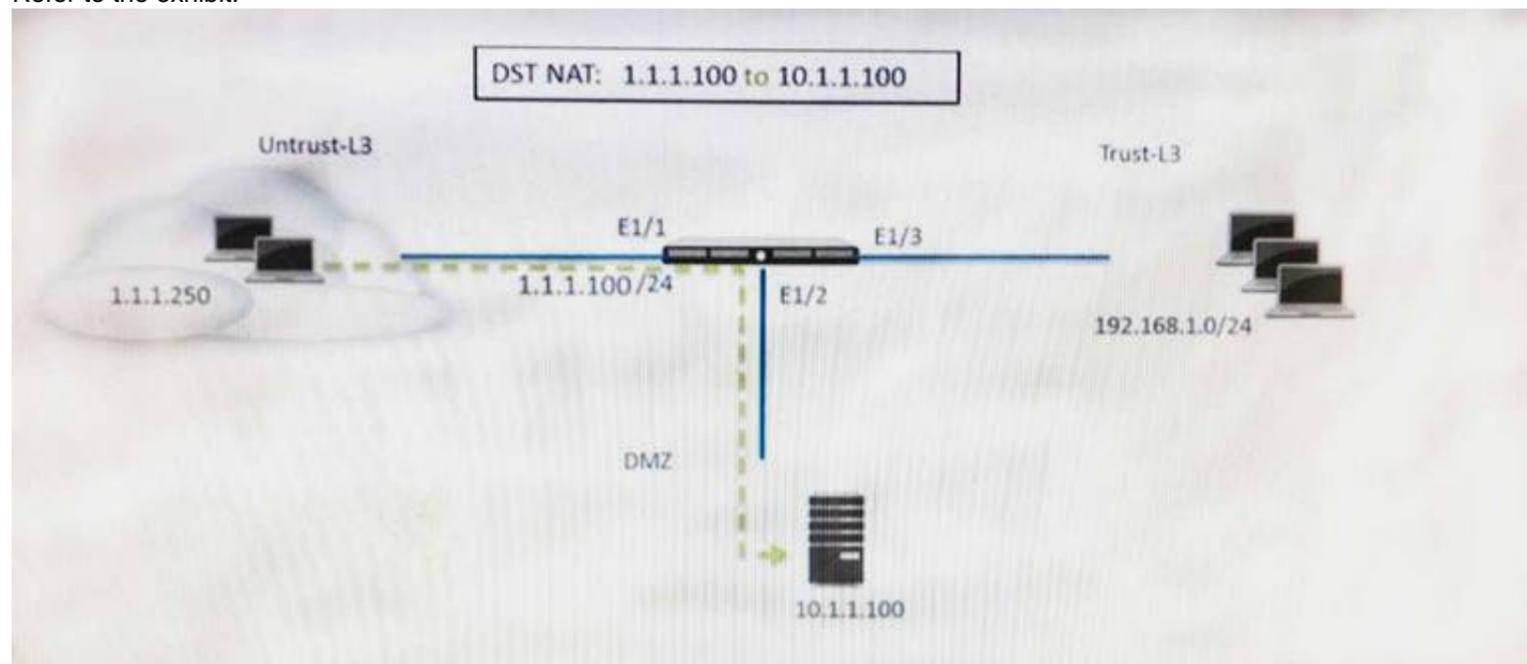
Answer: C

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/web-interface-help/device/device-setup-management>

NEW QUESTION 133

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: B

NEW QUESTION 138

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:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/user-id/configure-user-mapping-for-terminal-server-users>

NEW QUESTION 143

If an administrator wants to decrypt SMTP traffic and possesses the server's certificate, which SSL decryption mode will allow the Palo Alto Networks NGFW to inspect traffic to the server?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/decryption/configure-ssl-inbound-inspection>

NEW QUESTION 148

A client has a sensitive application server in their data center and is particularly concerned about resource exhaustion because of distributed denial-of-service attacks.

How can the Palo Alto Networks NGFW be configured to specifically protect this server against resource exhaustion originating from multiple IP addresses (DDoS attack)?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference: <https://www.paloaltonetworks.com/documentation/71/pan-os/pan-os/policy/dos-protection-profiles>

NEW QUESTION 149

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 152

A customer wants to combine multiple Ethernet interfaces into a single virtual interface using link aggregation. Which two formats are correct for naming aggregate interfaces? (Choose two.)

- A. ae.8
- B. aggregate.1
- C. ae.1
- D. aggregate.8

Answer: AC

NEW QUESTION 157

An administrator deploys PA-500 NGFWs as an active/passive high availability pair. The devices are not participating in dynamic routing and preemption is disabled.

What must be verified to upgrade the firewalls to the most recent version of PAN-OS software?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Dependencies : Before upgrade, make sure the firewall is running a version of app + threat (content version) that meets the minimum requirement of the new PAN-OS Upgrade. Reference: <https://live.paloaltonetworks.com/t5/Featured-Articles/Best-Practices-for-PAN-OS-Upgrade/ta-p/111045>

NEW QUESTION 162

A customer wants to set up a site-to-site VPN using tunnel interfaces? Which two formats are correct for naming tunnel interfaces? (Choose two.)

- A. Vpn-tunnel.1024
- B. vpn-tunne.1
- C. tunnel 1025
- D. tunne
- E. 1

Answer: CD

NEW QUESTION 165

For which two reasons would a firewall discard a packet as part of the packet flow sequence? (Choose two)

- A. equal-cost multipath
- B. ingress processing errors
- C. rule match with action "allow"
- D. rule match with action "deny"

Answer: BD

NEW QUESTION 170

A company wants to install a PA-3060 firewall between two core switches on a VLAN trunk link. They need to assign each VLAN to its own zone and to assign untagged (native) traffic to its own zone which options differentiates multiple VLAN into separate zones?

- A. Create VLAN objects for each VLAN and assign VLAN interfaces matching each VLAN I
- B. Repeat forevery additional VLANand use a VLAN ID of 0 for untagged traffi
- C. Assign each interface/subinterface to a unique zone.
- D. Create V-Wire objects with two V-Wire sub interface and assign only a single VLAN ID to the "Tag Allowed field one of the V-Wire object Repeat for every additional VLAN and use a VIAN ID of 0 for untagged traffi
- E. Assign each interface/subinterfaceto a unique zone.
- F. Create V-Wire objects with two V-Wire interfaces and define a range "0- 4096" in the 'Tag Allowed filed of the V-Wire object.
- G. Create Layer 3 sub interfaces that are each assigned to a single VLAN ID and a common virtual route
- H. The physical Layer 3interface would handle untagged traffi
- I. Assign each interface /subinterface to a unique zon
- J. Do not assign any interface anIP address

Answer: C

NEW QUESTION 173

Which data flow describes redistribution of user mappings?

- A. User-ID agent to firewall
- B. firewall to firewall
- C. Domain Controller to User-ID agent
- D. User-ID agent to Panorama

Answer: B

NEW QUESTION 178

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.

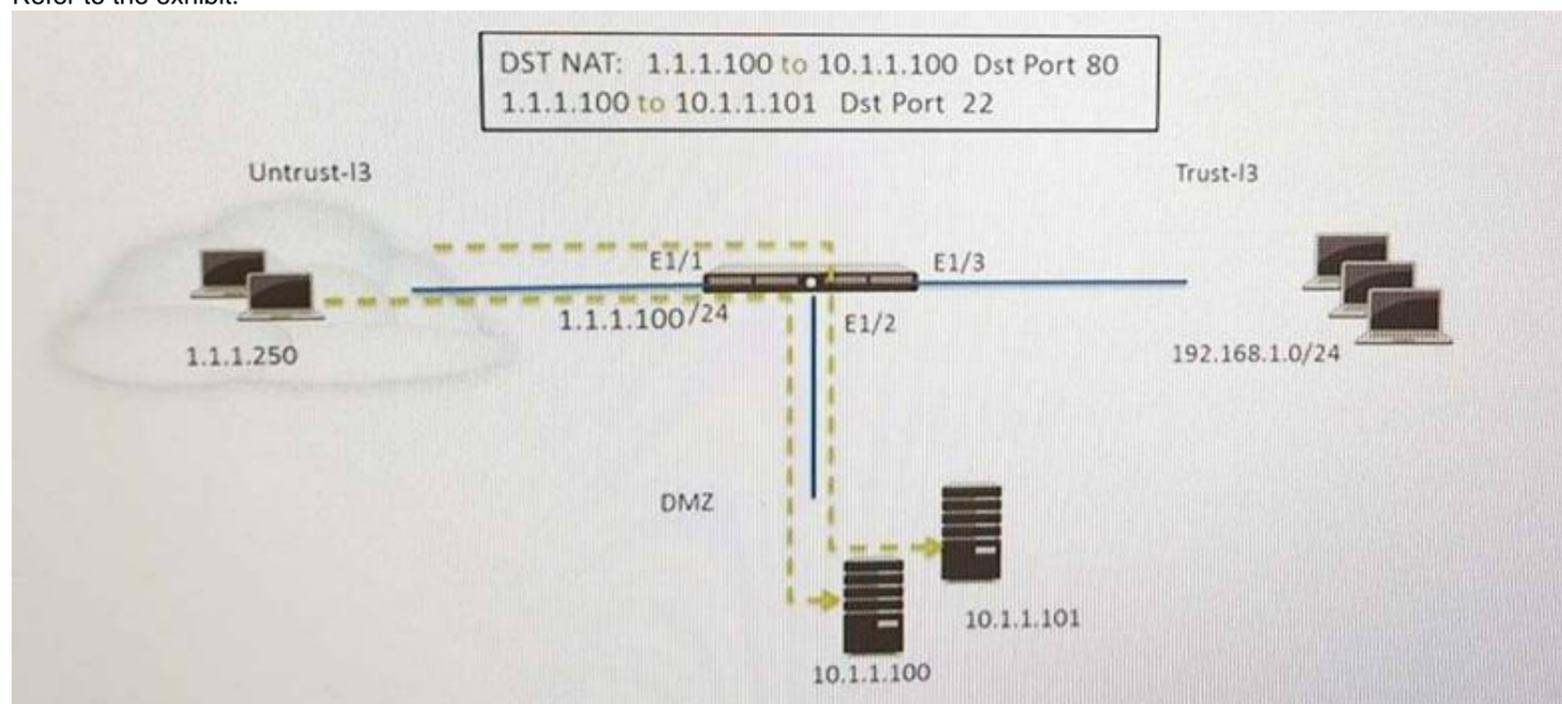
What must be configured to enable the firewall to download the current version of PAN-OS software?

- 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 181

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 184

Which is the maximum number of samples that can be submitted to WildFire per day, based on wildfire subscription?

- A. 15,000
- B. 10,000
- C. 75,00
- D. 5,000

Answer: B

NEW QUESTION 187

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 191

Which User-ID method maps IP address to usernames for users connecting through a web proxy that has already authenticated the user?

- A. Client Probing
- B. Port mapping
- C. Server monitoring
- D. Syslog listening

Answer: D

NEW QUESTION 196

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 199

An administrator just submitted a newly found piece of spyware for WildFire analysis. The spyware passively monitors behavior without the user's knowledge. What is the expected verdict from WildFire?

- A. Gray ware
- B. Malware
- C. Spyware
- D. Phishing

Answer: A

NEW QUESTION 203

When backing up and saving configuration files, what is achieved using only the firewall and is not available in Panorama?

- A. Load named configuration snapshot
- B. Load configuration version
- C. Save candidate config
- D. Export device state

Answer: A

NEW QUESTION 204

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 207

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 209

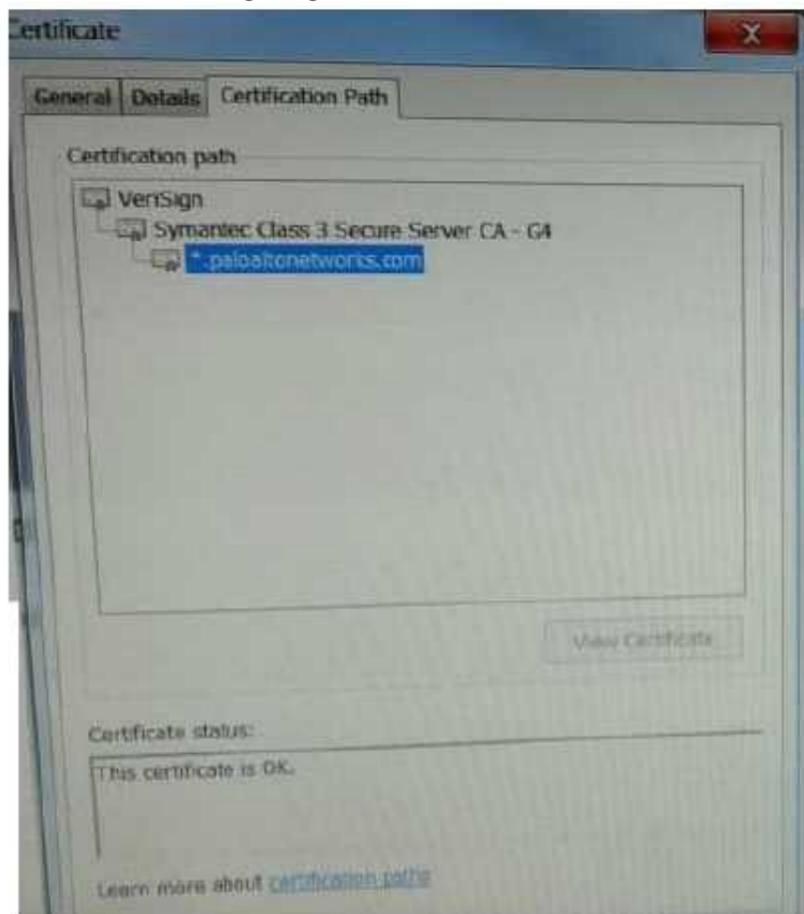
Which two settings can be configured only locally on the firewall and not pushed from a Panorama template or template stack? (Choose two)

- A. HA1 IP Address
- B. Network Interface Type
- C. Master Key
- D. Zone Protection Profile

Answer: AB

NEW QUESTION 214

Based on the following image,



what is the correct path of root, intermediate, and end-user certificate?

- A. Palo Alto Networks > Symantec > VeriSign
- B. Symantec > VeriSign > Palo Alto Networks
- C. VeriSign > Palo Alto Networks > Symantec
- D. VeriSign > Symantec > Palo Alto Networks

Answer: D

NEW QUESTION 219

Which Zone Pair and Rule Type will allow a successful connection for a user on the internet zone to a web server hosted in the DMZ zone? The web server is reachable using a destination Nat policy in the Palo Alto Networks firewall.

- A. Zone Pair:Source Zone: Internet Destination Zone: DMZ Rule Type:"intrazone"
- B. Zone Pair:Source Zone: Internet Destination Zone: DMZ Rule Type:"intrazone" or "universal"
- C. Zone Pair:Source Zone: Internet Destination Zone: Internet Rule Type:"intrazone" or "universal"
- D. Zone Pair:Source Zone: Internet Destination Zone: Internet Rule Type:"intrazone"

Answer: B

NEW QUESTION 221

A host attached to Ethernet 1/4 cannot ping the default gateway. The widget on the dashboard shows Ethernet 1/1 and Ethernet 1/4 to be green. The IP address of Ethernet 1/1 is 192.168.1.7 and the IP address of Ethernet 1/4 is 10.1.1.7. The default gateway is attached to Ethernet 1/1. A default route is properly configured. What can be the cause of this problem?

- A. No Zone has been configured on Ethernet 1/4.
- B. Interface Ethernet 1/1 is in Virtual Wire Mode.
- C. DNS has not been properly configured on the firewall.
- D. DNS has not been properly configured on the host.

Answer: A

NEW QUESTION 223

Site-A and Site-B have a site-to-site VPN set up between them. OSPF is configured to dynamically create the routes between the sites. The OSPF configuration in Site-A is configured properly, but the route for the tunnel is not being established. The Site-B interfaces in the graphic are using a broadcast Link Type. The administrator has determined that the OSPF configuration in Site-B is using the wrong Link Type for one of its interfaces.

Interface	Enable	Passive	Link Type	Metric	Priority
tunnel.10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	broadcast	10	1
ethernet1/21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	broadcast	10	1

Which Link Type setting will correct the error?

- A. Set tunnel to p2p
- B. Set tunnel to p2mp
- C. Set Ethernet 1/1 to p2p
- D. Set Ethernet 1/1 to p2mp
- E. Set Ethernet 1/1 to p2p
- F. Set Ethernet 1/1 to p2mp

Answer: A

NEW QUESTION 228

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 229

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 230

A logging infrastructure may need to handle more than 10,000 logs per second. Which two options support a dedicated log collector function? (Choose two)

- A. Panorama virtual appliance on ESX(i) only
- B. M-500
- C. M-100 with Panorama installed
- D. M-100

Answer: BC

Explanation:

(<https://live.paloaltonetworks.com/t5/Management-Articles/Panorama-Sizing-and-Design-Guide/ta-p/72181>)

NEW QUESTION 233

Which three fields can be included in a pcap filter? (Choose three)

- A. Egress interface
- B. Source IP
- C. Rule number
- D. Destination IP
- E. Ingress interface

Answer: BCD

Explanation:

(<https://live.paloaltonetworks.com/t5/Featured-Articles/Getting-Started-Packet-Capture/ta-p/72069>)

NEW QUESTION 237

A network engineer has revived a report of problems reaching 98.139.183.24 through vr1 on the firewall. The routing table on this firewall is extensive and complex.

Which CLI command will help identify the issue?

- A. test routing fib virtual-router vr1
- B. show routing route type static destination 98.139.183.24
- C. test routing fib-lookup ip 98.139.183.24 virtual-router vr1
- D. show routing interface

Answer: C

NEW QUESTION 240

A network Administrator needs to view the default action for a specific spyware signature. The administrator follows the tabs and menus through Objects> Security Profiles> Anti-Spyware and select default profile.

What should be done next?

- A. Click the simple-critical rule and then click the Action drop-down list.
- B. Click the Exceptions tab and then click show all signatures.
- C. View the default actions displayed in the Action column.
- D. Click the Rules tab and then look for rules with "default" in the Action column.

Answer: B

NEW QUESTION 245

Which two statements are correct for the out-of-box configuration for Palo Alto Networks NGFWs? (Choose two)

- A. The devices are pre-configured with a virtual wire pair out the first two interfaces.
- B. The devices are licensed and ready for deployment.
- C. The management interface has an IP address of 192.168.1.1 and allows SSH and HTTPS connections.
- D. A default bidirectional rule is configured that allows Untrust zone traffic to go to the Trust zone.
- E. The interface are pingable.

Answer: BC

NEW QUESTION 247

Which two mechanisms help prevent a split brain scenario an Active/Passive High Availability (HA) pair? (Choose two)

- A. Configure the management interface as HA3 Backup
- B. Configure Ethernet 1/1 as HA1 Backup
- C. Configure Ethernet 1/1 as HA2 Backup
- D. Configure the management interface as HA2 Backup
- E. Configure the management interface as HA1 Backup
- F. Configure ethernet1/1 as HA3 Backup

Answer: BE

NEW QUESTION 251

How is the Forward Untrust Certificate used?

- A. It issues certificates encountered on the Untrust security zone when clients attempt to connect to a site that has be decrypted/
- B. It is used when web servers request a client certificate.
- C. It is presented to clients when the server they are connecting to is signed by a certificate authority that is not trusted by firewall.
- D. It is used for Captive Portal to identify unknown users.

Answer: C

NEW QUESTION 254

Which command can be used to validate a Captive Portal policy?

- A. eval captive-portal policy <criteria>
- B. request cp-policy-eval <criteria>
- C. test cp-policy-match <criteria>
- D. debug cp-policy <criteria>

Answer: C

NEW QUESTION 255

Which setting allow a DOS protection profile to limit the maximum concurrent sessions from a source IP address?

- A. Set the type to Aggregate, clear the session's box and set the Maximum concurrent Sessions to 4000.
- B. Set the type to Classified, clear the session's box and set the Maximum concurrent Sessions to 4000.

- C. Set the type Classified, check the Sessions box and set the Maximum concurrent Sessions to 4000.
- D. Set the type to aggregate, check the Sessions box and set the Maximum concurrent Sessions to 4000.

Answer: C

NEW QUESTION 257

A company has a pair of Palo Alto Networks firewalls configured as an Active/Passive High Availability (HA) pair. What allows the firewall administrator to determine the last date a failover event occurred?

- A. From the CLI issue use the show System log
- B. Apply the filter subtype eq ha to the System log
- C. Apply the filter subtype eq ha to the configuration log
- D. Check the status of the High Availability widget on the Dashboard of the GUI

Answer: B

NEW QUESTION 259

Which Public Key infrastructure component is used to authenticate users for GlobalProtect when the Connect Method is set to pre-logout?

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

Answer: C

NEW QUESTION 261

Which three log-forwarding destinations require a server profile to be configured? (Choose three)

- A. SNMP Trap
- B. Email
- C. RADIUS
- D. Kerberos
- E. Panorama
- F. Syslog

Answer: ABF

NEW QUESTION 264

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 265

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 access <https://www.youtube.com> in a web browser, they get an error indicating 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 267

The IT department has received complaints about 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 271

Which two options are required on an M-100 appliance to configure it as a Log Collector? (Choose two)

- A. From the Panorama tab of the Panorama GUI select Log Collector mode and then commit changes
- B. Enter the command request system system-mode logger then enter Y to confirm the change to Log Collector mode.
- C. From the Device tab of the Panorama GUI select Log Collector mode and then commit changes.
- D. Enter the command logger-mode enable the enter Y to confirm the change to Log Collector mode.
- E. Log in the Panorama CLI of the dedicated Log Collector

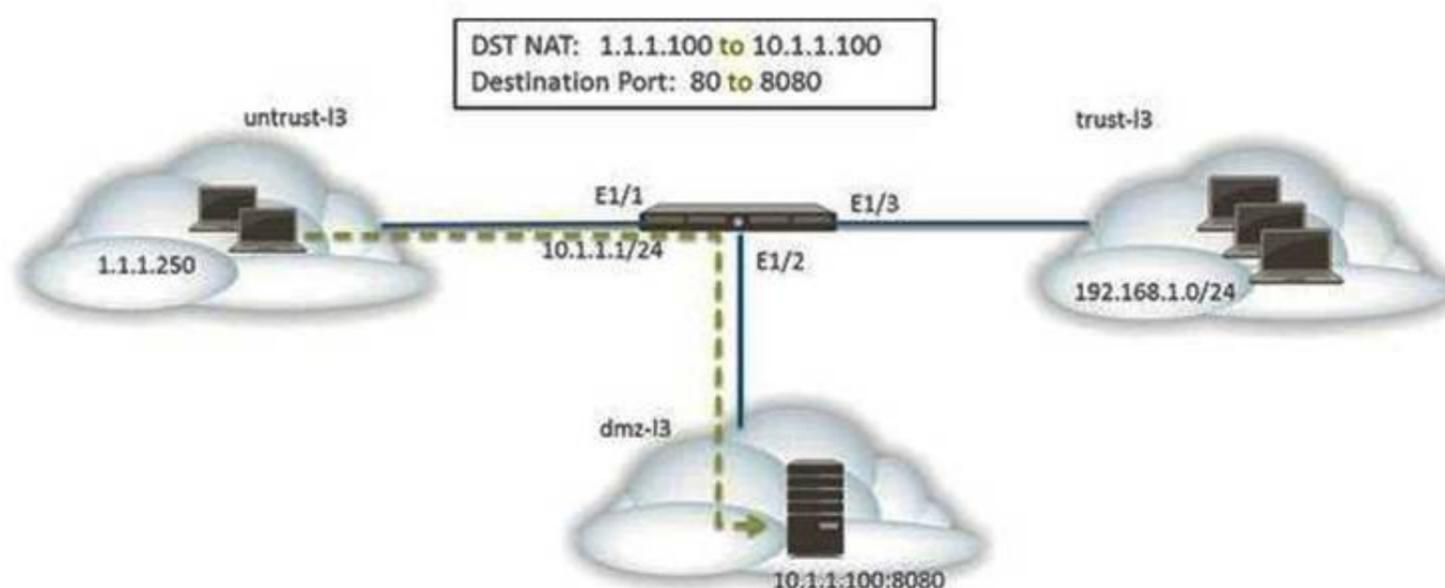
Answer: BE

Explanation:

(https://www.paloaltonetworks.com/documentation/60/panorama/panorama_adminguide/set-up-panorama/set-up-the-m-100-appliance)

NEW QUESTION 276

The web server is configured to listen for HTTP traffic on port 8080. The clients access the web server using the IP address 1.1.1.100 on TCP Port 80. The destination NAT rule is configured to translate both IP address and report to 10.1.1.100 on TCP Port 8080.



Which NAT and security rules must be configured on the firewall? (Choose two)

- A. A security policy with a source of any from untrust-I3 Zone to a destination of 10.1.1.100 in dmz-I3 zone using web-browsing application
- B. A NAT rule with a source of any from untrust-I3 zone to a destination of 10.1.1.100 in dmz-zone using service-http service.
- C. A NAT rule with a source of any from untrust-I3 zone to a destination of 1.1.1.100 in untrust-I3 zone using service-http service.
- D. A security policy with a source of any from untrust-I3 zone to a destination of 1.1.100 in dmz-I3 zone using web-browsing application.

Answer: BD

NEW QUESTION 280

A network security engineer is asked to perform a Return Merchandise Authorization (RMA) on a firewall. Which part of files needs to be imported back into the replacement firewall that is using Panorama?

- A. Device state and license files
- B. Configuration and serial number files
- C. Configuration and statistics files
- D. Configuration and Large Scale VPN (LSVPN) setups file

Answer: A

NEW QUESTION 281

A company has a web server behind a Palo Alto Networks next-generation firewall that it wants to make accessible to the public at 1.1.1.1. The company has decided to configure a destination NAT Policy rule.

Given the following zone information:

- DMZ zone: DMZ-L3
- Public zone: Untrust-L3
- Guest zone: Guest-L3
- Web server zone: Trust-L3
- Public IP address (Untrust-L3): 1.1.1.1
- Private IP address (Trust-L3): 192.168.1.50

What should be configured as the destination zone on the Original Packet tab of NAT Policy rule?

- A. Untrust-L3
- B. DMZ-L3
- C. Guest-L3
- D. Trust-L3

Answer: A

NEW QUESTION 284

A network security engineer has been asked to analyze Wildfire activity. However, the Wildfire Submissions item is not visible from 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 287

A network administrator uses Panorama to push security policies to managed firewalls at branch offices. Which policy type should be configured on Panorama if the administrators at the branch office sites to override these products?

- A. Pre Rules
- B. Post Rules
- C. Explicit Rules
- D. Implicit Rules

Answer: A

NEW QUESTION 290

Click the Exhibit button below,

The screenshot shows two tables from a network configuration interface. The top table, titled 'Exhibit Window', lists three Policy-Based Forwarding (PBF) rules:

	Name	Tags	Zone/Interface	Source Address	User	Destination Address	Application
1	PBF1	none	Trust-L3	192.168.10.0/24	any	172.16.10.0/24	any
2	PBF2	none	Trust-L3	192.168.10.0/24	any	172.16.10.0/24	any
3	PBF3	none	Trust-L3	192.168.10.0/24	Will	172.16.10.0/24	any

The bottom table, titled 'Forwarding', shows the configuration for these rules:

Service	Action	Egress I/F	Next Hop	Enforce Symmetric Return
any	forward	ethernet1/2.2	172.20.20.1	false
service-http	forward	ethernet1/3.2	172.20.30.1	false
service-https	forward	ethernet1/3.3	172.20.40.1	false

A firewall has three PBF rules and a default route with a next hop of 172.20.10.1 that is configured in the default VR. A user named Will has a PC with a 192.168.10.10 IP address. He makes an HTTPS connection to 172.16.10.20. Which is the next hop IP address for the HTTPS traffic from Will's PC?

- A. 172.20.30.1
- B. 172.20.40.1
- C. 172.20.20.1
- D. 172.20.10.1

Answer: C

NEW QUESTION 294

What are three valid method of user mapping? (Choose three)

- A. Syslog
- B. XML API
- C. 802.1X
- D. WildFire
- E. Server Monitoring

Answer: ABE

NEW QUESTION 296

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 300

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 302

The GlobalProtect Portal interface and IP address have been configured. Which other value needs to be defined to complete the network settings configuration of GlobalProtect Portal?

- A. Server Certificate
- B. Client Certificate
- C. Authentication Profile
- D. Certificate Profile

Answer: A

Explanation:

(<https://live.paloaltonetworks.com/t5/Configuration-Articles/How-to-Configure-GlobalProtect/ta-p/58351>)

NEW QUESTION 307

Which interface configuration will accept specific VLAN IDs?

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

Answer: B

NEW QUESTION 311

A company has a policy that denies all applications it classifies as bad and permits only application it classifies as good. The firewall administrator created the following security policy on the company's firewall.

	Source				Destination						
	Name	Zone	Address	User	Zone	Address	Application	Service	Action	Profile	Options
1	rule1	Trust-L3	any	any	UnTrust-L3	any	Known Good	application-default	allow	none	
2	rule2	Trust-L3	any	any	UnTrust-L3	any	Known Bad	any	deny	none	
3	rule3	Trust-L3	any	any	UnTrust-L3	any	any	any	deny	none	

Which interface configuration will accept specific VLAN IDs?
Which two benefits are gained from having both rule 2 and rule 3 presents? (choose two)

- A. A report can be created that identifies unclassified traffic on the network.
- B. Different security profiles can be applied to traffic matching rules 2 and 3.
- C. Rule 2 and 3 apply to traffic on different ports.
- D. Separate Log Forwarding profiles can be applied to rules 2 and 3.

Answer: BD

NEW QUESTION 313

A client is deploying a pair of PA-5000 series firewalls using High Availability (HA) in Active/Passive mode. Which statement is true about this deployment?

- A. The two devices must share a routable floating IP address
- B. The two devices may be different models within the PA-5000 series
- C. The HA1 IP address from each peer must be on a different subnet
- D. The management port may be used for a backup control connection

Answer: D

NEW QUESTION 315

Which Palo Alto Networks VM-Series firewall is supported for VMware NSX?

- A. VM-100
- B. VM-200
- C. VM-1000-HV
- D. VM-300

Answer: C

NEW QUESTION 318

Which two interface types can be used when configuring GlobalProtect Portal?(Choose two)

- A. Virtual Wire
- B. Loopback
- C. Layer 3
- D. Tunnel

Answer: BC

NEW QUESTION 320

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 324

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 326

What are two prerequisites for configuring a pair of Palo Alto Networks firewalls in an active/passive High Availability (HA) pair? (Choose two.)

- A. The firewalls must have the same set of licenses.
- B. The management interfaces must be on the same network.
- C. The peer HA1 IP address must be the same on both firewalls.
- D. HA1 should be connected to HA1. Either directly or with an intermediate Layer 2 device.

Answer: AD

NEW QUESTION 329

A network design change requires an existing firewall to start accessing Palo Alto Updates from a data plane interface address instead of the management interface.

Which configuration setting needs to be modified?

- A. Service route
- B. Default route
- C. Management profile
- D. Authentication profile

Answer: A

NEW QUESTION 330

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 331

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 332

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 337

Which Panorama feature allows for logs generated by Panorama to be forwarded to an external Security Information and Event Management(SIEM) system?

- A. Panorama Log Settings
- B. Panorama Log Templates
- C. Panorama Device Group Log Forwarding
- D. Collector Log Forwarding for Collector Groups

Answer: A

Explanation:

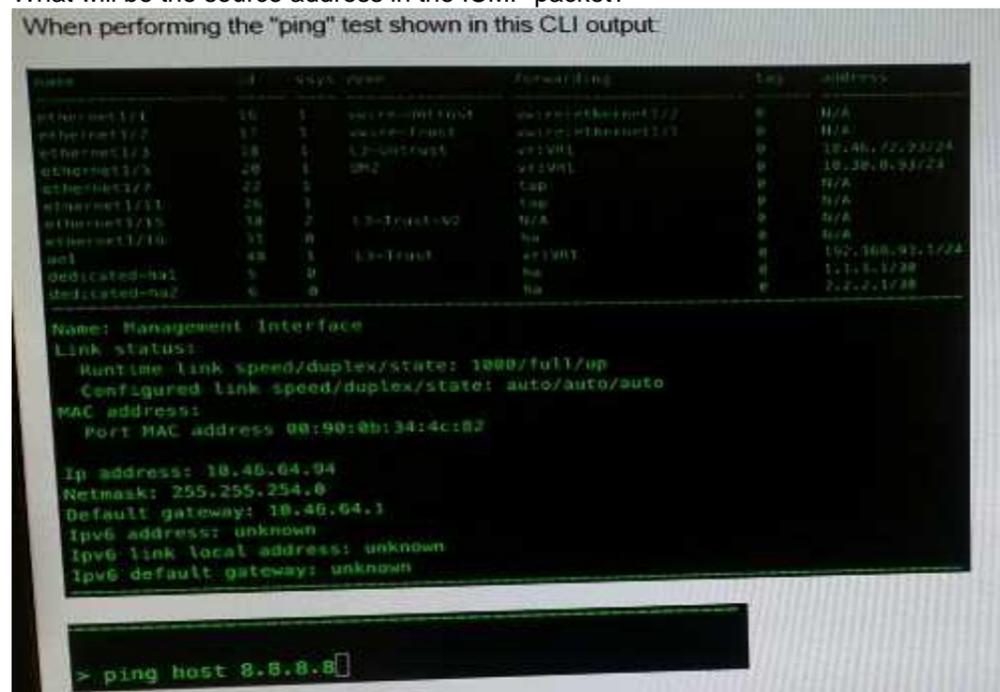
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"https://www.paloaltonetworks.com/documentation/61/panorama/panorama_adminguide/manag-e-log-collection/enable-log-forwarding-from-panorama-to-external-destinations"nguidHYPERLINK "https://www.paloaltonetworks.com/documentation/61/panorama/panorama_adminguide/manag-e-log-collection/enable-log-forwarding-from-panorama-to-external-destinations"e/manage-log-collection/enable-log-forwarding-from-panorama-to-external-destinaHYPERLINK

"https://www.paloaltonetworks.com/documentation/61/panorama/panorama_adminguide/manag-e-log-collection/enable-log-forwarding-from-panorama-to-external-destinations"tions"

NEW QUESTION 342

What will be the source address in the ICMP packet?



- A. 10.30.0.93
- B. 10.46.72.93
- C. 10.46.64.94
- D. 192.168.93.1

Answer: C

NEW QUESTION 347

Which CLI command displays the current management plane memory utilization?

- A. > debug management-server show
- B. > show running resource-monitor
- C. > show system info

D. > show system resources

Answer: D

Explanation:

<https://live.paloaltonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364>

"The command show system resources gives a snapshot of Management Plane (MP) resource utilization including memory and CPU. This is similar to the 'top' command in Linux." <https://live.paloaltonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364>

<https://live.paloaltonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364>

<https://live.paloaltonetworks.com/t5/Learning-Articles/How-to-Interpret-show-system-resources/ta-p/59364>

NEW QUESTION 348

When a malware-infected host attempts to resolve a known command-and-control server, the traffic matches a security policy with DNS sinkhole enabled, generating a traffic log.

What will be the destination IP Address in that log entry?

- A. The IP Address of sinkhole.paloaltonetworks.com
- B. The IP Address of the command-and-control server
- C. The IP Address specified in the sinkhole configuration
- D. The IP Address of one of the external DNS servers identified in the anti-spyware database

Answer: C

Explanation:

<https://live.paloaltonetworks.com/t5/Management-Articles/How-to-Verify-DNS-Sinkhole-Function-is-Working/ta-p/65864>

NEW QUESTION 349

A company hosts a publicly 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 the NAT policy contain to allow users in the Untrust-L3 zone to access the web server? (Choose two.)

- A. Destination IP of 23.54.6.10
- B. UntrustL3 for both Source and Destination Zone
- C. Destination IP of 192.168.1.10
- D. UntrustL3 for Source Zone and Trust-L3 for Destination Zone

Answer: AB

NEW QUESTION 350

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 355

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 360

Which two actions are required to make Microsoft Active Directory users appear in a firewall traffic log? (Choose two.)

- A. Run the User-ID Agent using an Active Directory account that has "event log viewer" permissions
- B. Enable User-ID on the zone object for the destination zone
- C. Run the User-ID Agent using an Active Directory account that has "domain administrator" permissions
- D. Enable User-ID on the zone object for the source zone
- E. Configure a RADIUS server profile to point to a domain controller

Answer: AD

NEW QUESTION 362

Which two virtualized environments support Active/Active High Availability (HA) in PAN-OS 8.0? (Choose two.)

- A. KVM
- B. VMware ESX
- C. VMware NSX
- D. AWS

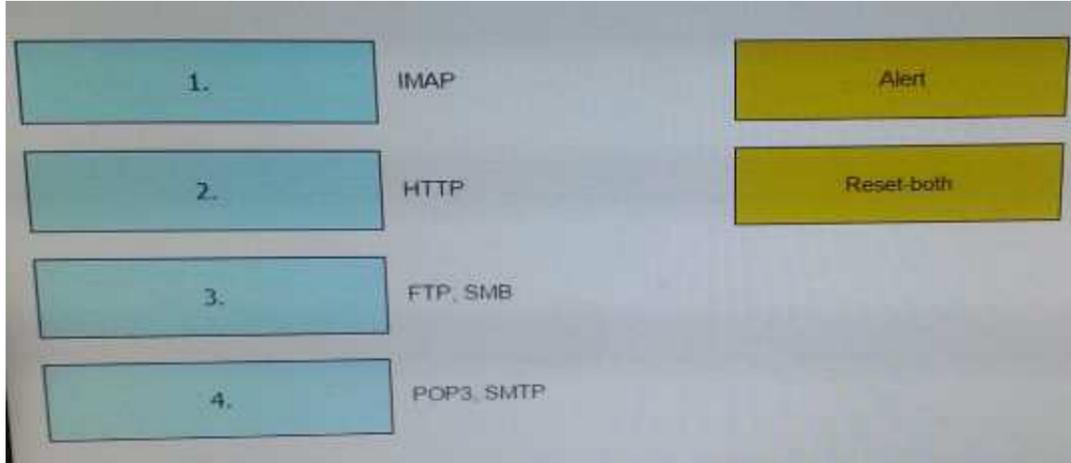
Answer: AB

NEW QUESTION 363

DRAG DROP

When using the predefined default profile, the policy will inspect for viruses on the decoders. Match each decoder with its default action.

Answer options may be used more than once or not at all.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

IMAP , POP3 , SMTP -> Alert
HTTP,FTP,SMB -> Reset-both

NEW QUESTION 364

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