Fortinet Network Security Expert 4 - FortiGate 5.6

1. View the routing table, then identify which route will be selected when trying to reach 10.20.30.254?

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FGT1 # get router info routing-table all
Codes: K - kernel, C - connected, S - static, R - RIP, B - BGP
       O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
       * - candidate default

S*      0.0.0.0/0 [10/0] via 172.20.121.2, port1
C       172.20.121.0/24 is directly connected, port1
C       172.20.168.0/24 is directly connected, port2
C       172.20.167.0/24 is directly connected, port3
S       10.20.30.0/26 [10/0] via 172.20.168.254, port2
S       10.20.30.0/24 [10/0] via 172.20.167.254, port3
S       10.30.20.0/24 [10/0] via 172.20.121.2, port1
```

A. 10.20.30.0/26 [10/0] via 172.20.168.254, port2

B. 0.0.0.0/0 [10/0] via 172.20.121.2, port1

C. 10.30.20.0/24 [10/0] via 172.20.121.2, port1

D. 10.20.30.0/24 [10/0] via 172.20.167.254, port3

Answer(s): D

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2. Which of the following statements are true when using Web Proxy Auto-discovery Protocol (WPAD) with the DHCP discovery method?
(Choose two.)

- [ ] A. The browser sends a DHCPINFORM request to the DHCP server.
- [ ] B. The browser will need to be preconfigured with the DHCP server's IP address.
- [ ] C. The DHCP server provides the PAC file for download.
- [ ] D. If the DHCP method fails, browsers will try the DNS method.

Answer(s): A D

3. Which of the following statements about the FSSO collector agent timers is true? Response:

A. The dead entry timeout interval is used to age out entries with an unverified status.

B. The workstation verify interval is used to periodically check if a workstation is still a domain member.

C. The user group cache expiry is used to age out the monitored groups.

D. The IP address change verify interval monitors the server IP address where the collector agent is installed, and updates the collector agent configuration if it changes.

Answer(s): A

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4. Which of the following statements about NTLM authentication are correct? (Choose two.)

- [ ] A. It is useful when users log in to DCs that are not monitored by a collector agent.
- [ ] B. It takes over as the primary authentication method when configured alongside FSSO.
- [ ] C. Multi-domain environments require DC agents on every domain controller.
- [ ] D. NTLM-enabled web browsers are required.

Answer(s): A D

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5. How can you configure the explicit web proxy to block HTTP packets that request a specific HTTP method?

A. Create an explicit proxy address that matches the HTTP method and apply it to an explicit proxy policy with the action Deny.

B. Apply a web filter profile to an explicit proxy policy that blocks the HTTP method.

C. Create a firewall service that matches the HTTP method and apply it to an explicit proxy policy with the action Deny.

D. Create a DNS filter that matches the HTTP method and apply it to an explicit proxy policy with the action Deny.

Answer(s): A

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6. Firewall policies dictate whether a user or device can (or cannot) authenticate to a network.
Which statements are true regarding firewall authentication? (Choose two.)

- [ ] A. In order to authenticate a specific user, the firewall policy must include .., both the IP address and the user as the source.
- [ ] B. Firewall policies can be configured to authenticate certificate users.
- [ ] C. Users are forced to actively authenticate when the following protocols are disabled in the firewall policy: HTTP, HTTPS, FTP, Telnet.
- [ ] D. The order of the firewall policies always determine whether a user's credentials are determined actively or passively.

Answer(s): A B

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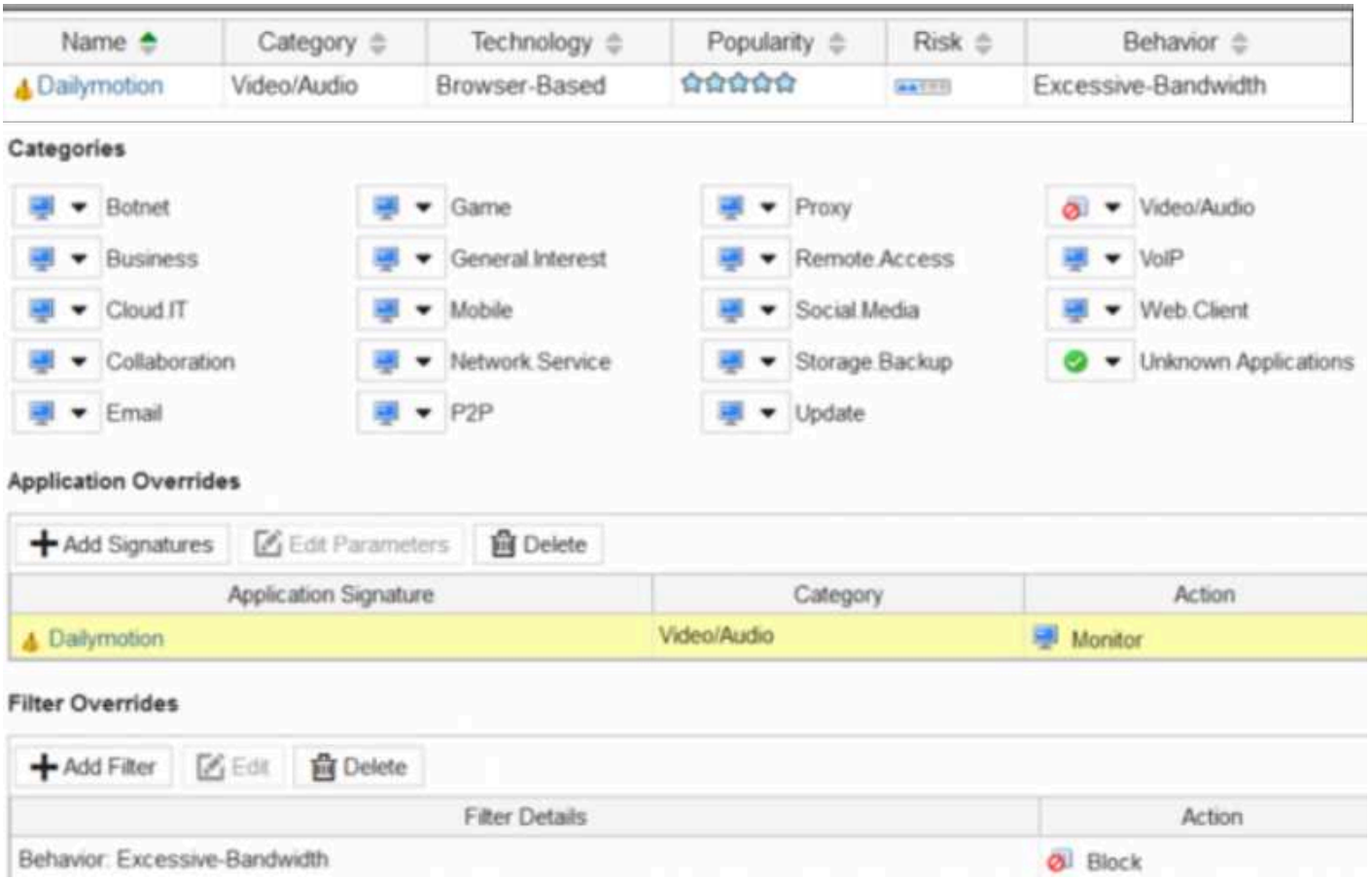
7. View the exhibit. You are trying to go to http://www.clailymotion.com (Dailymotion) from the computer behind the FortiGate.
Which statement is correct regarding this application control profile?



- A. Dailymotion will be blocked, as the Video/Audio category is blocked.
- B. Dailymotion will be allowed, based on application overrides.

C. Dailymotion will be blocked, based on filter overrides.

D. Dailymotion will be allowed only if the action for Dailymotion is set to authenticate in application overrides.

Answer(s): B

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8. What statement describes what DNS64 does?

A. Converts DNS A record lookups to AAAA record lookups.

B. Translates the destination IPv6 address of the DNS traffic to an IPv4 address.

C. Synthesizes DNS AAAA records from A records.

D. Translates the destination IPv4 address of the DNS traffic to an IPv6 address.

Answer(s): B

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9. What information is flushed when the chunk-size value is changed in the config dlp settings? Response:

A. The database for DLP document fingerprinting

B. The supported file types in the DLP filters

C. The archived files and messages

D. The file name patterns in the DLP filters

Answer(s): A

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10. What step is required to configure an SSL VPN to access to an internal server using port forward mode?

A. Configure the virtual IP addresses to be assigned to the SSL VPN users.

B. Install FortiClient SSL VPN client

C. Create a SSL VPN realm reserved for clients using port forward mode.

D. Configure the client application to forward IP traffic to a Java applet proxy.

Answer(s): D

11. Examine the partial output from the diagnose sys session list CLI command.
What does this output state?

A. proto_state=05 is the TCP state.

B. proto_state=05 is the U DP state.

C. proto_state=05 is the ICMP state.

D. timeout=3600 reflects the maximum length of time a session can be opened.

Answer(s): A

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12. Which statement about firewall policy NAT is true?

A. DNAT is not supported.

B. DNAT can automatically apply to multiple firewall policies, based on DNAT rules.

C. You must configure SNAT for each firewall policy.

D. SNAT can automatically apply to multiple firewall policies, based on SNAT rules.

Answer(s): C

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13. Which statements are true regarding firewall policy NAT using the Outgoing Interface Address with Fixed Port disabled?
(Choose two.)

- [ ] A. Source IP is translated to outgoing interface IP
- [ ] B. Port address translation is not used
- [ ] C. This is known as many-to-one NAT.
- [ ] D. Connections are tracked using source port and source MAC address.

Answer(s): A C

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14. Which statements are true regarding blocking botnet command and control traffic? (Choose two.)

- [ ] A. DNS lookups are checked against the Botnet Command and Control database.
- [ ] B. The botnet command and control domains can be enabled on the web filter profile
- [ ] C. This service requires a FortiGuard web filtering license.
- [ ] D. The Botnet Command and Control database cannot be downloaded -it's only available on FortiGuard servers.

Answer(s): A C

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15. What methods can be used to deliver the token code to a user who is configured to use two-factor authentication?
(Choose three.)

- [ ] A. SMS text message
- [ ] B. Instant message app
- [ ] C. Voicemail message
- [ ] D. Email
- [ ] E. FortiToken

Answer(s): A D E

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16. Which of the following are valid actions for FortiGuard web category filtering? (Choose three.)

- [ ] A. Allow
- [ ] B. Block
- [ ] C. Exempt
- [ ] D. Warning
- [ ] E. Shape

Answer(s): A B C

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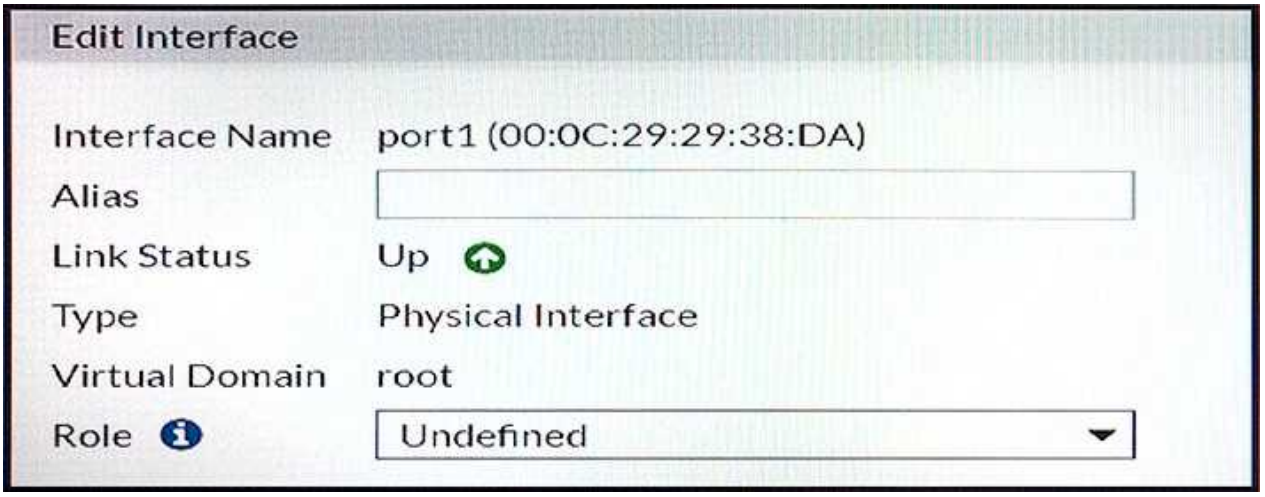
17. View the exhibit.



When Role is set to Undefined, which statement is true?

A. The GUI provides all the configuration options available for the port1 interface.

B. You cannot configure a static IP address for the port1 interface because it allows only DHCP addressing mode.

C. Firewall policies can be created from only the port1 interface to any interface.

D. The port1 interface is reserved for management only.

Answer(s): A

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18. In a high availability (HA) cluster operating in active-active mode, which of the following correctly describes the path taken by the SYN packet of an HTTP session that is offloaded to a secondary FortiGate?

A. Client > primary FortiGate> secondary FortiGate> primary FortiGate> web server.

B. Client > secondary FortiGate> web server.

C. Client >secondary FortiGate> primary FortiGate> web server.

D. Client> primary FortiGate> secondary FortiGate> web server.

Answer(s): D

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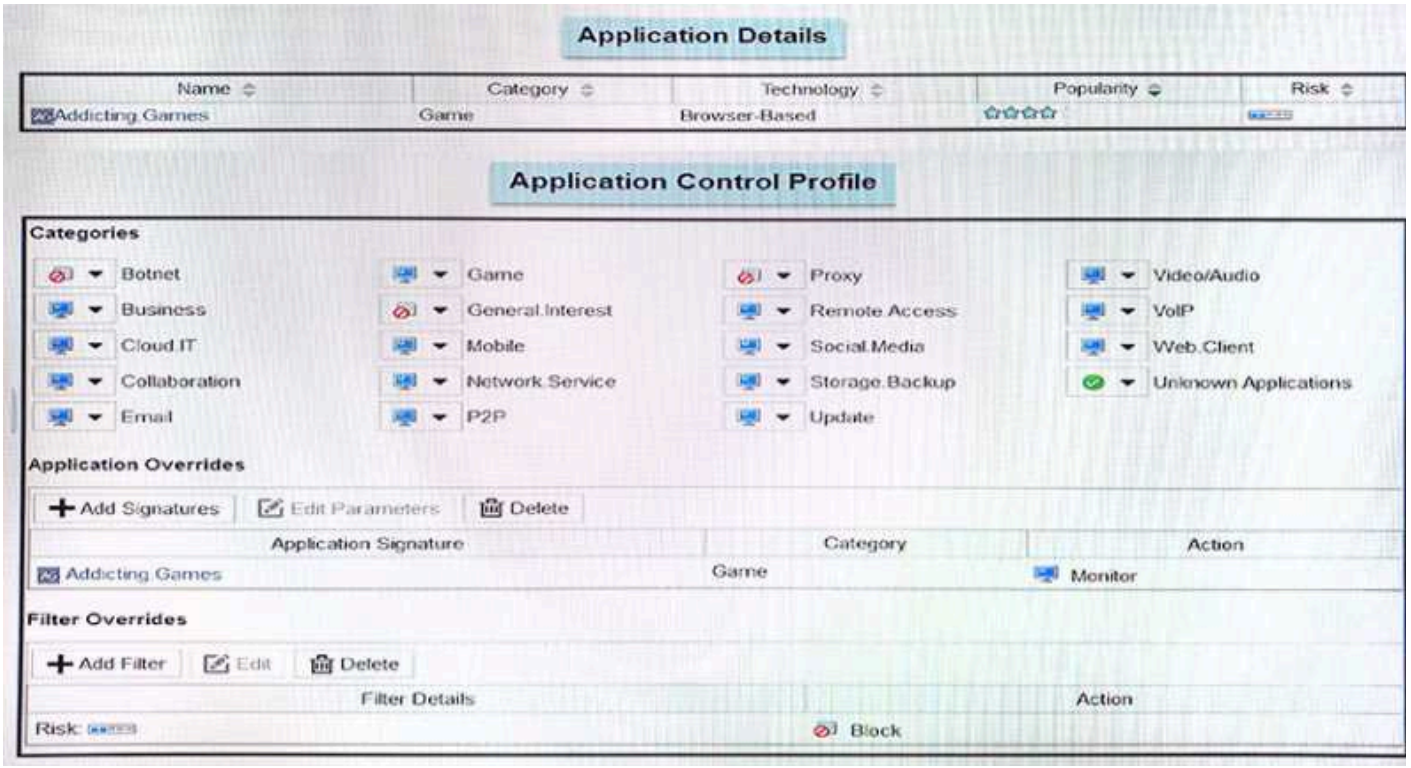
19. View the exhibit.



A user behind the FortiGate is trying to go to http://www.addictinggames.com (Addicting.Games).
Based on this configuration, which statement is true?

A. Addicting.Games is allowed based on the Application Overrides configuration.

B. Addicting.Games is blocked based on the Filter Overrides configuration.

C. Addicting.Games can be allowed only if the Filter Overrides actions is set to Exempt.

D. Addicting.Games is allowed based on the Categories configuration.

Answer(s): A

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20. What happens to traffic that is routed through an IPsec tunnel, but does not match any of the phase 2 quick mode selectors?

A. It crosses the tunnel, but is not inspected

B. It is dropped

C. It crosses the tunnel, but is not encrypted

D. It is routed using the next route in the routing table

Answer(s): B