

Fortinet

Exam Questions NSE6_FWB-6.4

Fortinet NSE 6 - FortiWeb 6.4



NEW QUESTION 1

What capability can FortiWeb add to your Web App that your Web App may or may not already have?

- A. Automatic backup and recovery
- B. High Availability
- C. HTTP/HTML Form Authentication
- D. SSL Inspection

Answer: C

NEW QUESTION 2

What must you do with your FortiWeb logs to ensure PCI DSS compliance?

- A. Store in an off-site location
- B. Erase them every two weeks
- C. Enable masking of sensitive data
- D. Compress them into a .zip file format

Answer: C

NEW QUESTION 3

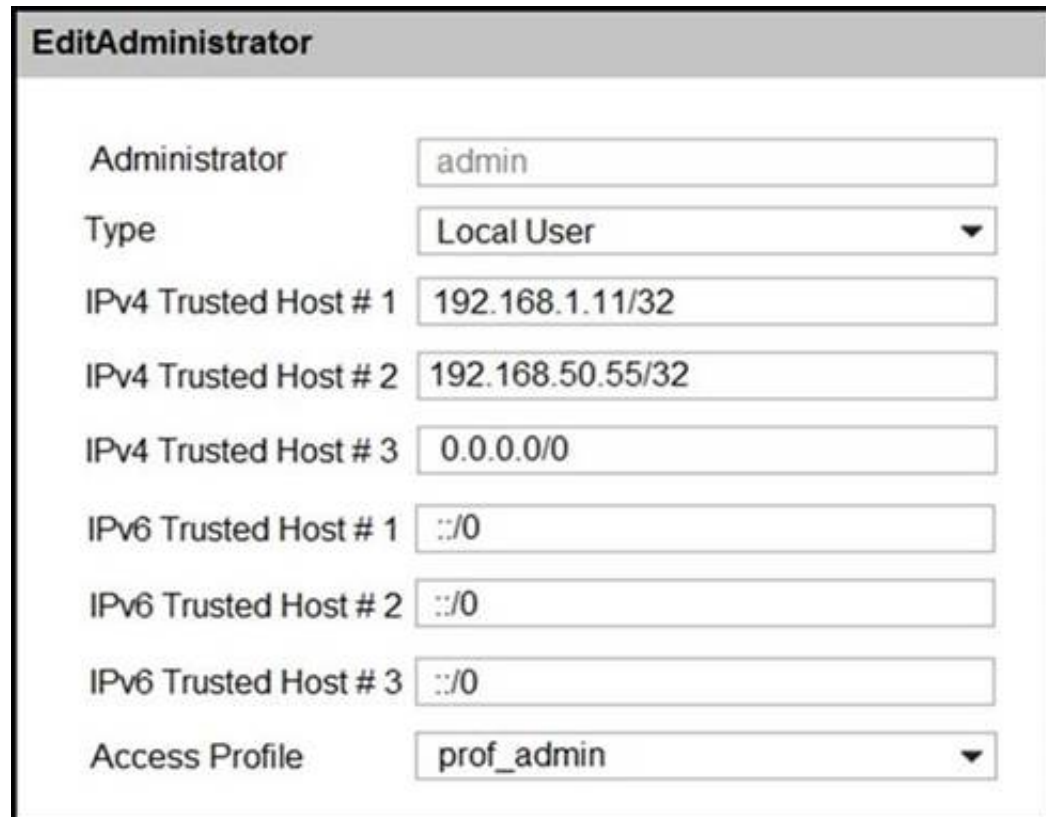
A client is trying to start a session from a page that should normally be accessible only after they have logged in. When a start page rule detects the invalid session access, what can FortiWeb do? (Choose three.)

- A. Reply with a “403 Forbidden” HTTP error
- B. Allow the page access, but log the violation
- C. Automatically redirect the client to the login page
- D. Display an access policy message, then allow the client to continue, redirecting them to their requested page
- E. Prompt the client to authenticate

Answer: ABC

NEW QUESTION 4

Refer to the exhibit.



EditAdministrator	
Administrator	admin
Type	Local User
IPv4 Trusted Host # 1	192.168.1.11/32
IPv4 Trusted Host # 2	192.168.50.55/32
IPv4 Trusted Host # 3	0.0.0.0/0
IPv6 Trusted Host # 1	::/0
IPv6 Trusted Host # 2	::/0
IPv6 Trusted Host # 3	::/0
Access Profile	prof_admin

There is only one administrator account configured on FortiWeb. What must an administrator do to restrict any brute force attacks that attempt to gain access to the FortiWeb management GUI?

- A. Delete the built-in administrator user and create a new one.
- B. Configure IPv4 Trusted Host # 3 with a specific IP address.
- C. The configuration changes must be made on the upstream device.
- D. Change the Access Profile to Read_Only.

Answer: B

NEW QUESTION 5

You've configured an authentication rule with delegation enabled on FortiWeb. What happens when a user tries to access the web application?

- A. FortiWeb redirects users to a FortiAuthenticator page, then if the user authenticates successfully, FortiGate signals to FortiWeb to allow access to the web app
- B. FortiWeb redirects the user to the web app's authentication page
- C. FortiWeb forwards the HTTP challenge from the server to the client, then monitors the reply, allowing access if the user authenticates successfully
- D. FortiWeb replies with a HTTP challenge on behalf of the server, then if the user authenticates successfully, FortiWeb allows the request and also includes credentials in the request that it forwards to the web app

Answer: A

NEW QUESTION 6

What other consideration must you take into account when configuring Defacement protection

- A. Use FortiWeb to block SQL Injections and keep regular backups of the Database
- B. Also incorporate a FortiADC into your network
- C. Non
- D. FortiWeb completely secures the site against defacement attacks
- E. Configure the FortiGate to perform Anti-Defacement as well

Answer: A

NEW QUESTION 7

In which scenario might you want to use the compression feature on FortiWeb?

- A. When you are serving many corporate road warriors using 4G tablets and phones
- B. When you are offering a music streaming service
- C. When you want to reduce buffering of video streams
- D. Never, since most traffic today is already highly compressed

Answer: A

Explanation:

<https://training.fortinet.com/course/view.php?id=3363>

When might you want to use the compression feature on FortiWeb? When you are serving many road warriors who are using 4G tablets and phones

NEW QUESTION 8

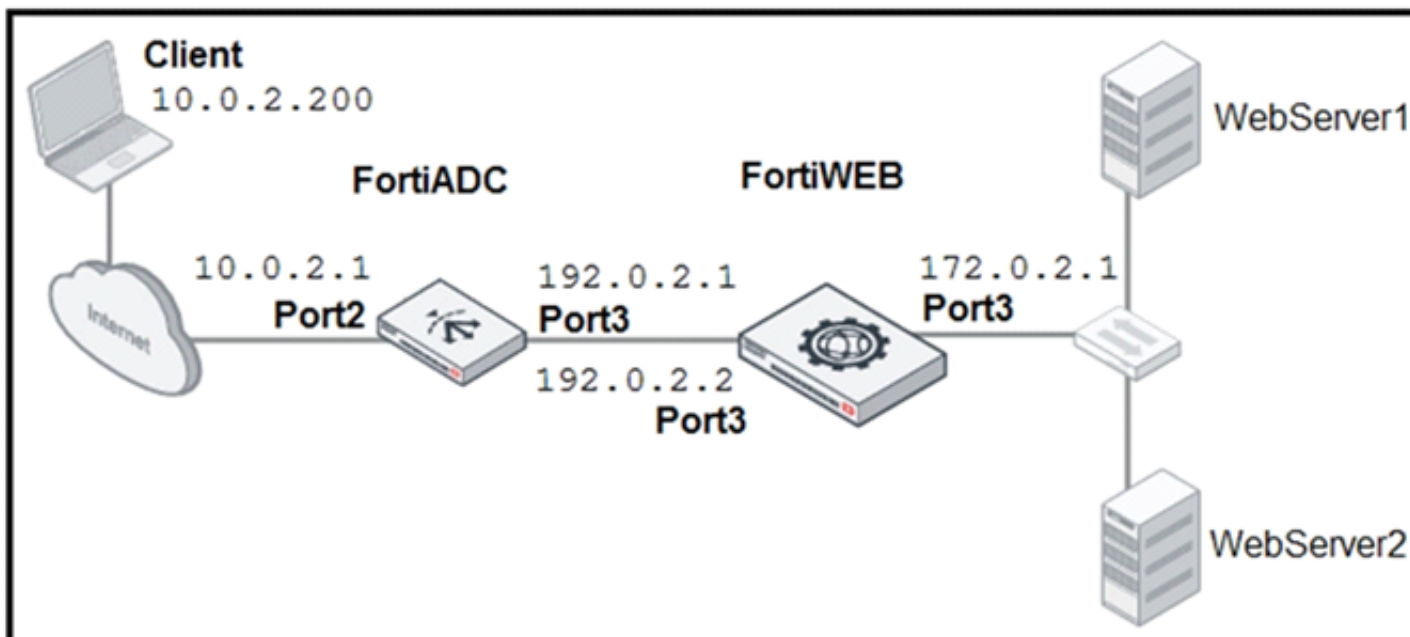
An e-commerce web app is used by small businesses. Clients often access it from offices behind a router, where clients are on an IPv4 private network LAN. You need to protect the web application from denial of service attacks that use request floods. What FortiWeb feature should you configure?

- A. Enable "Shared IP" and configure the separate rate limits for requests from NATted source IPs.
- B. Configure FortiWeb to use "X-Forwarded-For:" headers to find each client's private network IP, and to block attacks using that.
- C. Enable SYN cookies.
- D. Configure a server policy that matches requests from shared Internet connections.

Answer: C

NEW QUESTION 9

Refer to the exhibit.



FortiADC is applying SNAT to all inbound traffic going to the servers. When an attack occurs, FortiWeb blocks traffic based on the 192.0.2.1 source IP address, which belongs to FortiADC. The setup is breaking all connectivity and genuine clients are not able to access the servers. What must the administrator do to avoid this problem? (Choose two.)

- A. Enable the Use X-Forwarded-For setting on FortiWeb.
- B. No Special configuration is required; connectivity will be re-established after the set timeout.
- C. Place FortiWeb in front of FortiADC.
- D. Enable the Add X-Forwarded-For setting on FortiWeb.

Answer: AC

Explanation:

Configure your load balancer to insert or append to an X-Forwarded-For:, X-Real-IP:, or other HTTP X- header. Also configure FortiWeb to find the original attacker's or client's IP address in that HTTP header

NEW QUESTION 10

Which three statements about HTTPS on FortiWeb are true? (Choose three.)

- A. For SNI, you select the certificate that FortiWeb will present in the server pool, not in the server policy.
- B. After enabling HSTS, redirects to HTTPS are no longer necessary.
- C. In true transparent mode, the TLS session terminator is a protected web server.
- D. Enabling RC4 protects against the BEAST attack, but is not recommended if you configure FortiWeb to only offer TLS 1.2.
- E. In transparent inspection mode, you select which certificate that FortiWeb will present in the server pool, not in the server policy.

Answer: CDE

NEW QUESTION 10

Which regex expression is the correct format for redirecting the URL <http://www.example.com>?

- A. `www\.example\.com`
- B. `www.example.com`
- C. `www\example\.com`
- D. `www/.example/.com`

Answer: B

Explanation:

`\1://www.company.com/\2/\3`

NEW QUESTION 15

What benefit does Auto Learning provide?

- A. Automatically identifies and blocks suspicious IPs
- B. FortiWeb scans all traffic without taking action and makes recommendations on rules
- C. Automatically builds rules sets
- D. Automatically blocks all detected threats

Answer: C

NEW QUESTION 19

In which operation mode(s) can FortiWeb modify HTTP packets? (Choose two.)

- A. Transparent Inspection
- B. Offline protection
- C. True transparent proxy
- D. Reverse proxy

Answer: CD

NEW QUESTION 20

Which implementation is best suited for a deployment that must meet compliance criteria?

- A. SSL Inspection with FortiWeb in Transparency mode
- B. SSL Offloading with FortiWeb in reverse proxy mode
- C. SSL Inspection with FortiWeb in Reverse Proxy mode
- D. SSL Offloading with FortiWeb in Transparency Mode

Answer: C

NEW QUESTION 25

Which is true about HTTPS on FortiWeb? (Choose three.)

- A. For SNI, you select the certificate that FortiWeb will present in the server pool, not in the server policy.
- B. After enabling HSTS, redirects to HTTPS are no longer necessary.
- C. In true transparent mode, the TLS session terminator is a protected web server.
- D. Enabling RC4 protects against the BEAST attack, but is not recommended if you configure FortiWeb to only offer TLS 1.2.
- E. In transparent inspection mode, you select which certificate that FortiWeb will present in the server pool, not in the server policy.

Answer: ACE

NEW QUESTION 28

When is it possible to use a self-signed certificate, rather than one purchased from a commercial certificate authority?

- A. If you are a small business or home office
- B. If you are an enterprise whose employees use only mobile devices
- C. If you are an enterprise whose resources do not need security
- D. If you are an enterprise whose computers all trust your active directory or other CA server

Answer: D

NEW QUESTION 33

When viewing the attack logs on FortiWeb, which client IP address is shown when you are using XFF header rules?

- A. FortiGate public IP
- B. FortiWeb IP
- C. FortiGate local IP
- D. Client real IP

Answer: D

Explanation:

When an XFF header reaches Alteon from a client, Alteon removes all the content from the header and injects the client IP address. Alteon then forwards the header to the server.

NEW QUESTION 34

When the FortiWeb is configured in Reverse Proxy mode and the FortiGate is configured as an SNAT device, what IP address will the FortiGate's Real Server configuration point at?

- A. Virtual Server IP on the FortiGate
- B. Server's real IP
- C. FortiWeb's real IP
- D. IP Address of the Virtual Server on the FortiWeb

Answer: A

NEW QUESTION 35

Review the following configuration:

```
config waf machine-learning-policy
edit 1
set sample-limit-by-ip 0
next
end
```

What is the expected result of this configuration setting?

- A. When machine learning (ML) is in its collecting phase, FortiWeb will accept an unlimited number of samples from the same source IP address.
- B. When machine learning (ML) is in its running phase, FortiWeb will accept an unlimited number of samples from the same source IP address.
- C. When machine learning (ML) is in its collecting phase, FortiWeb will not accept any samples from any source IP addresses.
- D. When machine learning (ML) is in its running phase, FortiWeb will accept a set number of samples from the same source IP address.

Answer: A

NEW QUESTION 37

Which would be a reason to implement HTTP rewriting?

- A. The original page has moved to a new URL
- B. To replace a vulnerable function in the requested URL
- C. To send the request to secure channel
- D. The original page has moved to a new IP address

Answer: B

Explanation:

Create a new URL rewriting rule.

NEW QUESTION 41

Refer to the exhibit.



Based on the configuration, what would happen if this FortiWeb were to lose power? (Choose two.)

- A. Traffic that passes between port5 and port6 will be inspected.
- B. Traffic will be interrupted between port3 and port4.
- C. All traffic will be interrupted.
- D. Traffic will pass between port5 and port6 uninspected.

Answer: BD

NEW QUESTION 45

You are deploying FortiWeb 6.4 in an Amazon Web Services cloud. Which 2 lines of this initial setup via CLI are incorrect? (Choose two.)

```
1 config system settings
2 set opmode transparent
3 set gateway 10.0.0.1
4 end
5 config system interface
6 set port1
7 set ip 10.0.0.5
8 set allowaccess https ssh ping
9 end
```

- A. 6
- B. 9
- C. 3
- D. 2

Answer: AC

NEW QUESTION 48

A client is trying to start a session from a page that would normally be accessible only after the client has logged in. When a start page rule detects the invalid session access, what can FortiWeb do? (Choose three.)

- A. Display an access policy message, then allow the client to continue
- B. Redirect the client to the login page
- C. Allow the page access, but log the violation
- D. Prompt the client to authenticate
- E. Reply with a 403 Forbidden HTTP error

Answer: BCE

NEW QUESTION 51

What is one of the key benefits of the FortiGuard IP reputation feature?

- A. It maintains a list of private IP addresses.
- B. It provides a document of IP addresses that are suspect, so that administrators can manually update their blacklists.
- C. It is updated once per year.
- D. It maintains a list of public IPs with a bad reputation for participating in attacks.

Answer: D

Explanation:

FortiGuard IP Reputation service assigns a poor reputation, including virus-infected clients and malicious spiders/crawlers.

NEW QUESTION 56

You are using HTTP content routing on FortiWeb. Requests for web app A should be forwarded to a cluster of web servers which all host the same web app. Requests for web app B should be forwarded to a different, single web server. Which is true about the solution?

- A. Static or policy-based routes are not required.
- B. To achieve HTTP content routing, you must chain policies: the first policy accepts all traffic, and forwards requests for web app A to the virtual server for policy
- C. It also forwards requests for web app B to the virtual server for policy
- D. Policy A and Policy B apply their app-specific protection profiles, and then distribute that app's traffic among all members of the server farm.
- E. You must put the single web server into a server pool in order to use it with HTTP content routing.
- F. The server policy applies the same protection profile to all its protected web apps.

Answer: B

NEW QUESTION 59

Which two statements about running a vulnerability scan are true? (Choose two.)

- A. You should run the vulnerability scan during a maintenance window.
- B. You should run the vulnerability scan in a test environment.
- C. Vulnerability scanning increases the load on FortiWeb, so it should be avoided.
- D. You should run the vulnerability scan on a live website to get accurate results.

Answer: AB

Explanation:

Should the Vulnerability Scanner allow it, SVMS will set the scan schedule (or schedules) to run in a maintenance window. SVMS will advise Client of the scanner's ability to complete the scan(s) within the maintenance window.

Vulnerabilities on live web sites. Instead, duplicate the web site and its database in a test environment.

NEW QUESTION 60

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