

## Exam Questions 1Y0-341

Citrix ADC Advanced Topics - Security-Management and Optimization

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#### NEW QUESTION 1

Scenario: A Citrix Engineer configured signature protections for Citrix Web App Firewall. Signature Auto- Update has been enabled. Upon reviewing the log files, the engineer notices that the auto update process has an error. In the settings for Signature Auto Update the engineer notices that the URL is blank. Which URL should the engineer enter to restore the update process?

- A. <https://s3.amazonaws.com/NSAppFwSignatures/SignaturesMapping.xml>
- B. <https://download.citrix.com/NSAppFwSignatures/SignaturesMapping.xml>
- C. <https://www.citrix.com/NSAppFwSignatures/SignaturesMapping.xml>
- D. <https://citrix.azure.com/NSAppFwSignatures/SignaturesMapping.xml>

**Answer:** A

#### NEW QUESTION 2

Scenario: A Citrix Engineer has configured Citrix Application Delivery Management (ADM) to monitor applications presented by Citrix ADC appliances. When reviewing the App Security Dashboard, the engineer finds no data. What must the engineer do to ensure data is being collected from the applications?

- A. Enable AppFlow for Security Insight on the instances in Citrix ADM.
- B. Update the password stored in the instance profile on Citrix ADM.
- C. Point the default route on Citrix ADM to the subnet with the NSIPs of the Citrix ADC appliances.
- D. Enable the Web App Firewall feature on the Citrix ADC appliances.

**Answer:** A

#### NEW QUESTION 3

Which security model should a Citrix Engineer implement to ensure that only appropriate traffic that matches the expected application behavior is permitted to pass through to the web application?

- A. Dynamic
- B. Hybrid
- C. Positive
- D. Negative

**Answer:** C

#### NEW QUESTION 4

Scenario: A Citrix Engineer wants to use Citrix Application Delivery Management (ADM) to monitor a single Citrix ADC VPX with eight web applications and one Citrix Gateway. It is important that the collected data be protected. Which deployment will satisfy the requirements?

- A. A single Citrix ADM with database replication to a secondary storage repository.
- B. A pair of Citrix ADM virtual appliances configured for High Availability.
- C. A single Citrix ADM imported onto the same hypervisor as the Citrix ADC VPX.
- D. A pair of Citrix ADM virtual appliances, each working independently.

**Answer:** B

#### NEW QUESTION 5

What is required for connecting a data center to the Citrix Application Delivery Management (ADM) Service?

- A. Instance
- B. Configuration Job
- C. Agent
- D. Syslog

**Answer:** C

#### NEW QUESTION 6

Scenario: A Citrix Engineer creates a Responder policy to redirect users attempting to access an application protected with Citrix Web App Firewall. Instead of being redirected, users are seeing an 'Access Denied' page.

This is happening because Citrix Web App Firewall is processed. (Choose the correct option to complete the sentence.)

- A. before Responder, and the redirection is invalid
- B. after Responder, but the violation is applied to prevent access
- C. before Responder, and a violation is occurring
- D. after Responder, and the redirection is invalid

**Answer:** C

#### NEW QUESTION 7

Scenario: A Citrix Engineer is reviewing the log files for a protected application. The engineer discovers a lot of errors pertaining to invalid data being supplied by users.

Which protection can the engineer implement at the Citrix Web App Firewall to reduce these errors?

- A. Field Format

- B. Cross-Site Request Forgeries (CSRF)
- C. Form Field Consistency
- D. HTML SQL Injection

**Answer:** C

#### NEW QUESTION 8

Statistics for which three types of violations are presented on the App Security Dashboard? (Choose three.)

- A. Web App Firewall protection
- B. IP Reputation
- C. SSL Enterprise Policy
- D. Signature
- E. AAA

**Answer:** ABD

#### NEW QUESTION 9

Scenario: A Citrix Engineer reviewed the log files of a web application and found the error message below: "Unable to complete request Unrecognized field cext2\_price>" Which protection can the engineer implement to prevent this error from happening?

- A. Form Field Consistency
- B. Cross-Site Request Forgeries (CSRF)
- C. HTML SQL Injection
- D. HTML Cross-Site Scripting (XSS)

**Answer:** A

#### NEW QUESTION 10

Scenario: A Citrix Engineer needs to ensure that the flow of traffic to a web application does NOT overwhelm the server. After thorough testing, the engineer determines that the application can handle a maximum of 3,000 requests per minute. The engineer builds a limit identifier, rl\_maxrequests, to enforce this limitation.

Which advanced expression can the engineer write in the Responder policy to invoke rate limiting?

- A. SYS.CHECK\_LIMIT("rl\_maxrequests")
- B. SYS.CHECK\_LIMIT("rl\_maxrequests").CONTAINS("Busy")
- C. SYS.CHECK\_LIMIT("rl\_maxrequests").IS\_VALID
- D. SYS.CHECK\_LIMIT("rl\_maxrequests").GE(3000)

**Answer:** B

#### NEW QUESTION 10

Scenario: A Citrix Engineer wants to protect a web application using Citrix Web App Firewall. After the Web App Firewall policy afweb\_protect is bound to the virtual server, the engineer notices that Citrix Web App Firewall is NOT properly displaying the page.

A positive number for the Policy Hits counter for afweb\_protect, tells the engineer the number of times Citrix Web App Firewall . (Choose the correct option to complete the sentence.)

- A. received a request that matched the policy expression for afweb\_protect
- B. blocked traffic for web applications assigned the afweb\_protect policy
- C. logged a request matching the expression defined in the afweb\_protect policy
- D. forwarded users to the Redirect URL specified in the profile assigned to afweb\_protect

**Answer:** A

#### NEW QUESTION 11

Which Citrix Application Delivery Management (ADM) Analytics page allows a Citrix Engineer to monitor the metrics of the optimization techniques and congestion control strategies used in Citrix ADC appliances?

- A. Gateway Insight
- B. TCP Insight
- C. HDX Insight
- D. Web Insight

**Answer:** B

#### NEW QUESTION 13

A Citrix Engineer wants to delegate management of Citrix Application Delivery Management (ADM) to a junior team member.

Which assigned role will limit the team member to view all application-related data?

- A. readonly
- B. appReadonly
- C. admin
- D. appAdmin

**Answer:** B

#### NEW QUESTION 15

Scenario: A Citrix Engineer wants to configure the Citrix ADC for OAuth Authentication. The engineer uploads the required certificates, configures the actions, and creates all the necessary policies. After binding the authentication policy to the application, the engineer is unable to authenticate.

- A. The log files are full
- B. The policy bindings were assigned incorrect priorities
- C. The Redirect URL is incorrect
- D. The certificates have expired

**Answer: C**

#### NEW QUESTION 20

Scenario: A Citrix Engineer configures Citrix Web App Firewall to protect an application. Users report that they are NOT able to log on. The engineer enables a Start URL relaxation for the path //login.aspx.

What is the effect of the Start URL relaxation on the application?

- A. Access to the path /login.aspx is unblocked.
- B. Access to the path /login.aspx is blocked.
- C. External users are blocked from the path /login.aspx. Internal users are permitted to the path /login.aspx.
- D. Non-administrative users are blocked from the path /login.aspx. Administrative users are permitted to the path /login.aspx.

**Answer: A**

#### NEW QUESTION 21

In which order is a client request to a protected web application processed?

- A. CitrixWebApp Firewall, Load Balancing, Caching, Rewrite
- B. Caching, Citrix Web App Firewall, Load Balancing, Rewrite
- C. Citrix Web App Firewall, Caching, Load Balancing, Rewrite
- D. Load Balancing, Citrix Web App Firewall, Caching, Rewrite

**Answer: C**

#### NEW QUESTION 23

Which Front End Optimization technique can a Citrix Engineer enable on the Citrix ADC to remove all excess whitespace from a file?

- A. Shrink to Attributes
- B. Minify
- C. Lazy Load
- D. Inlining

**Answer: B**

#### NEW QUESTION 25

Scenario: When reviewing the activity logs for a web application, a Citrix Engineer notices a high number of requests for the page, /setup.aspx. Further investigation reveals that most of these requests originated from outside the network. Which protection can the engineer implement to prevent this?

- A. HTML Cross-Site Scripting (XSS)
- B. Cookie Consistency
- C. Start URL with URL Closure
- D. Buffer Overflow

**Answer: C**

#### NEW QUESTION 30

Which Citrix Web App Firewall profile setting can a Citrix Engineer configure to provide a response when a violation occurs?

- A. Default Request
- B. Redirect URL
- C. Return URL
- D. Default Response

**Answer: B**

#### NEW QUESTION 32

Scenario: A Citrix Engineer configures Citrix Web App Firewall to protect an application. Upon reviewing the log files, the engineer notices a pattern of forceful browsing toward the configuration page for the application. To protect against this, the engineer enforces Start URL and enables Enforce URL Closure.

What is the effect of enforcing Start URL and enabling Enforce URL Closure on the application?

- A. Access to the path /config.aspx is unblocked when a user clicks a referring link elsewhere on the website.
- B. Non-administrative users are blocked from the path /config.aspx. Administrative users are permitted to the path /config.aspx.
- C. External users are blocked from the path /config.aspx. Internal users are permitted to the path /config.aspx.
- D. Access to the path /config.aspx is blocked.

**Answer: A**

#### NEW QUESTION 37

A Citrix Engineer observes that the servers hosting a critical application are crashing on a regular basis. Which protection could the engineer implement on a Citrix Web App Firewall in front of the application?

- A. Buffer Overflow Check
- B. HTML Cross-Site Scripting (XSS)
- C. Start URL
- D. HTML SQL Injection

**Answer:** A

#### NEW QUESTION 39

A review of purchases made at an online retailer shows that several orders were processed for items at an unpublished price. Which protection can a Citrix Engineer implement to prevent a site visitor from modifying the unit price of a product on the shopping cart page?

- A. Cross-Site Request Forgeries (CSRF)
- B. Form Field Consistency
- C. HTML Cross-Site Scripting (XSS)
- D. HTML SQL Injection

**Answer:** B

#### NEW QUESTION 41

A Citrix Engineer wants to create a configuration job template to add a DNS nameserver to each Citrix ADC instance. What is a valid variable name for the DNS nameserver?

- A. %dns\_nameserver%
- B. %dns\_nameserver
- C. \$dns\_nameserver\$
- D. \$dns\_nameserver

**Answer:** C

#### NEW QUESTION 43

Scenario: During application troubleshooting, a Citrix Engineer notices that response traffic received from a protected web application is NOT matching what the web server is sending out. The engineer is concerned that someone is trying to disrupt caching behavior. Which action is the Citrix Web App Firewall performing that would trigger this false positive?

- A. Removing the Last-Modified header
- B. Inserting a hidden form field
- C. Removing the Accept-Encoding header
- D. Modifying and adding cookies in the response

**Answer:** A

#### NEW QUESTION 46

Which Front End Optimization technique overcomes the parallel download limitation of web browsers?

- A. Domain Sharding
- B. Minify
- C. Extend Page Cache
- D. Lazy Load

**Answer:** A

#### NEW QUESTION 50

A Citrix Engineer is reviewing the log files for a sensitive web application and notices that someone accessed the application using the engineer's credentials while the engineer was out of the office for an extended period of time. Which production can the engineer implement to protect against this vulnerability?

- A. Deny URL
- B. Buffer Overflow
- C. Form Field Consistency
- D. Cookie Consistency

**Answer:** D

#### NEW QUESTION 55

A Citrix Engineer reviews the App Dashboard and notices that three of the monitored applications have an App Score of less than 50. The engineer can interpret the App Score as a metric of application. (Choose the correct option to complete the sentence.)

- A. security, with a lower score indicating better security
- B. performance and availability, with a higher score indicating better health
- C. performance and availability, with a lower score indicating better health
- D. security, with a higher score indicating better security

**Answer:**

B

#### NEW QUESTION 59

Which three items does Citrix Application Delivery Management (ADM) require when adding an instances? (Choose three.)

- A. Site
- B. Tags
- C. IP address
- D. Agent
- E. Profile

**Answer:** CDE

#### NEW QUESTION 61

Which data populates the Events Dashboard?

- A. Syslog messages
- B. SNMP trap messages
- C. API calls
- D. AppFlow IPFIX records

**Answer:** A

#### NEW QUESTION 63

Scenario: A Citrix Engineer has enabled the IP Reputation feature. The engineer wants to protect a critical web application from a distributed denial of service attack.

Which advanced expression can the engineer write for a Responder policy?

- A. CLIENT.IP.SRC.IPREP\_THREAT\_CATEGORY(SPAM\_SOURCES)
- B. CLIENT.IP.SRC.IPREP\_THREAT\_CATEGORY(BOTNETS)
- C. CLIENT.IP.SRC.IPREP\_THREAT\_CATEGORY(WEB\_ATTACKS)
- D. CLIENT.IP.SRC.IPREP\_THREAT\_CATEGORY(WINDOWS\_EXPLOITS)

**Answer:** C

#### NEW QUESTION 67

Which build-in TCP profile can a Citrix Engineer assign to a virtual server to improve performance for users who access an application from a remote office over an ATM connection?

- A. nstcp\_default\_tcp\_lfp
- B. nstcp\_default\_tcp\_lan
- C. nstcp\_default\_tcp\_interactive\_stream
- D. nstcp\_default\_tcp\_lnp

**Answer:** D

#### NEW QUESTION 71

Scenario: A Citrix Engineer wants to protect a web application using Citrix Web App Firewall. After the Web App Firewall policy is bound to the virtual server, the engineer notices that Citrix Web App Firewall is NOT blocking bad requests from clients. Which tool can help the engineer view the traffic that is passing to and from the client?

- A. nstrace
- B. nsconmsg
- C. syslog
- D. aaad.debug

**Answer:** A

#### NEW QUESTION 73

Which variable will display the client's source IP address when added to an HTML Error Object page?

- A. \${CLIENT.IP.SRC}
- B. \${CLIENT.IP.SRC}
- C. \$<CLIENT.IP.SRC>
- D. \$(CLIENT.IP.SRC)

**Answer:** B

#### NEW QUESTION 78

Scenario: A Citrix Engineer has a pair of Citrix ADC VPX appliances configured as a High-Availability (HA) pair and hosted on a Citrix Hypervisor. The engineer wants to use Citrix Application Delivery Management (ADM) to monitor and manage the 35 web applications on the appliances. The engineer has imported Citrix ADM virtual appliance to Citrix Hypervisor. The engineer has also configured the management IP address settings and has added the 35 instances. However, some of the instances are NOT reporting any data.

Which two areas can the engineer check to determine the cause of the issue? (Choose two.)

- A. A Premium platform license must be configured on each instance.

- B. AppFlow must be enabled on each instance.
- C. The Citrix ADM license must be installed.
- D. An SSL certificate must be installed on the Citrix ADM appliance.

**Answer:** CD

#### NEW QUESTION 79

Scenario: A Citrix Engineer is asked to implement multi-factor authentication for Citrix Gateway. The engineer creates the authentication policies and binds the policies to the appropriate bind points. The engineer creates a custom form using Notepad++ to format the page which will capture the user's credentials. To which folder on the Citrix ADC will the engineer need to upload this form?

- A. /flash/nsconfig/loginschema/LoginSchema
- B. /var/netscaler
- C. /flash/nsconfig/loginschema
- D. /var

**Answer:** A

#### NEW QUESTION 84

Scenario: A Citrix Engineer needs to forward the Citrix Web App Firewall log entries to a central management service. This central management service uses an open log file standard. Which log file format should the engineer use in the Citrix Web App Firewall engine settings to designate the open log file standard?

- A. CEF
- B. IIS
- C. W3C
- D. TLA

**Answer:** A

#### NEW QUESTION 85

A manager for a hospital billing system wants to display the last four digits of a credit card number when printing invoices. Which credit card security action does this?

- A. X-Out
- B. Log
- C. Transform
- D. Block

**Answer:** A

#### NEW QUESTION 86

Which Application-level Quality of Experience (AppQoE) Action setting modifies the communication characteristics of the connections established with the associated web application?

- A. Priority
- B. TCP Profile
- C. Action Type
- D. DOS Action

**Answer:** C

#### NEW QUESTION 89

Scenario: A Citrix Engineer used Learning to establish the HTML SQL Injection relaxations for a critical web application. The engineer now wishes to begin working on the protections for a different web application. The name of the Web App Profile is appfw\_prof\_customercare. Which CLI command can the engineer use to empty the Learn database?

- A. set appfw learningsettings appfw\_prof\_customercare -SQLInjectionMinThreshold 0
- B. set appfw learningsettings appfw\_prof\_customercare -startURLMinThreshold 0
- C. reset appfw learningdata
- D. export appfw learningdata appfw\_prof\_customercare

**Answer:** C

#### NEW QUESTION 93

Which protection ensures that links to sensitive pages can only be reached from within an application?

- A. Form Field Consistency Check
- B. Buffer Overflow Check
- C. URL Closure
- D. Deny URL

**Answer:** C

#### NEW QUESTION 97

Scenario: A Citrix Engineer is notified that improper requests are reacting the web application. While investigating, the engineer notices that the Citrix Web App Firewall policy has zero hits.

What are two possible causes for this within the Citrix Web App Firewall policy? (Choose two.)

- A. The expression is incorrect.
- B. It has been assigned an Advanced HTML profile.
- C. It is NOT bound to the virtual server.
- D. It has been assigned the built-in APPFW\_RESET profile.

**Answer:** AC

#### NEW QUESTION 100

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