



Citrix

Exam Questions 1Y0-341

Citrix ADC Advanced Topics - Security-Management and Optimization

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NEW QUESTION 1

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. The engineer uploads the form and binds the form to the authentication policy.

When the engineer connects to the Citrix Gateway for validation testing, the form fields are NOT correctly displayed. What is the most likely cause of this display issue?

- A. The login schema contains invalid XML syntax.
- B. The authentication policies are bound in the wrong order
- C. The first authentication server is offline.
- D. The policy bindings are NOT consistent with the login schema.

Answer: A

NEW QUESTION 2

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 3

Scenario: A Citrix Engineer is monitoring the environment with Citrix Application Management (ADM). Management has asked for a report of high-risk traffic to protected internal websites.

Which dashboard can the engineer use to generate the requested report?

- A. Transactions
- B. APP
- C. APP Security
- D. Users & Endpoints

Answer: C

NEW QUESTION 4

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 5

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 6

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 auditor is concerned that Man-In-The-Middle attack is in progress.

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: D

NEW QUESTION 7

Scenario: A Citrix Engineer implements Application-level Quality of Experience (AppQoE) to protect a web application. Shortly after that, users call to complain that

nearly every request is being met with a Captcha.
What can the engineer do to improve the user experience?

- A. Disable the Captcha.
- B. Increase the DOS Attack Threshold.
- C. Increase the Policy Queue Depth.
- D. Increase the Session Life.

Answer: B

NEW QUESTION 8

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 9

A Citrix Engineer for an online retailer wants to ensure that customer address information is NOT stolen. Which protection can the engineer implement to prevent this?

- A. Cross-Site Request Forgeries (CSFR)
- B. HTML SQL Injection
- C. For Field Consistency
- D. Credit Card Check

Answer: B

NEW QUESTION 10

Scenario: A Citrix Engineer needs to limit Front End Optimization (FEO) on a web application to mobile users with mobile devices. The engineer decides to create and bind an FEO policy.

Which advanced expression should the engineer use in the FEO policy?

- A. `HTTP.REG.HEADER("User-Agent").CONTAINS("Mobile")&&CLIENT.IP.SRC.IN_SUBNET(192.168`
- B. `HTTP.REQ.HEADER("User-Agent").NOTCONTAINS("Windows")&&CLIENT.IS_MOBILE`
- C. `CLIENT.IP.SRC.IS_MOBILE`
- D. `HTTP.RED.HEADER("User-Agent").CONTAINS("Ios") || HTTP.REQ.HEADER("User-Agent").CONTAINS("Andriod")`

Answer: A

NEW QUESTION 10

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 15

Which feature of Learning should a Citrix Engineer configure to direct Citrix Web App Firewall to learn from specific sessions?

- A. Advanced policy expression filter
- B. Default policy expression filter
- C. Trusted Learning Clients list
- D. Manage Content Types for Safe Commerce

Answer: C

NEW QUESTION 18

Scenario: A Citrix Engineer has enabled the Learn function for a Citrix Web App Firewall profile. After a period of time, the engineer notices that Citrix Web App Firewall is no longer learning any new rules.

What would cause Citrix Web App Firewall to stop learning?

- A. The Citrix Web App Firewall has reached its capacity of 500 Learn transactions.
- B. The Citrix Web App Firewall feature is NOT licensed.
- C. The Citrix Web App Firewall Learn database has reached its capacity of 20 MB.
- D. The Citrix Web App Firewall profile was unbound from the application.

Answer: C

NEW QUESTION 20

Which setting in the Cookie Consistency protection feature does a Citrix Engineer need to configure to ensure that all a cookie is sent using TLS only?

- A. Encrypt Server Cookies > Encrypt All
- B. Flags to Add in Cookies > Secure
- C. Encrypt Server Cookies > Encrypt Session Only
- D. Proxy Server Cookies > Session Only

Answer: B

NEW QUESTION 23

Scenario: A Citrix Engineer created the policies in the attached exhibit.

Policy name	Priority	Expression	Profile	Goto Expression
Policy_A	100	CLIENT.IP.SRC.IN_SUBNET(192.168.10.0/24)	Policy_A	END
Policy_B	110	HTTP.REQ.HEADER("User-Agent").CONTAINS("Safari")	Policy_B	END
Policy_C	120	HTTP.REQ.URL.PATH.CONTAINS("password")	Policy_C	END
Policy_D	130	true	Policy_D	END

Click the Exhibit button to view the list of policies. HTTP Request:

GET /resetpassword.htm HTTP/1.1

User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; rv:64.0) Gecko/20100101 Firefox/64.0 Host: www.citrix.com

Accept-Language: en-us Accept-Encoding: gzip, deflate Connection: Keep-Alive Which profile will be applied to the above HTTP request?

- A. Profile_C
- B. Profile_D
- C. Profile_A
- D. Profile_B

Answer: B

NEW QUESTION 27

Which Citrix Application Delivery Management (ADM) Analytics page allows an engineer to measure the ICA Round Trip Time for user connections?

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

Answer: B

NEW QUESTION 31

A Citrix Engineer needs to create a configuration job to clone a configuration from an existing Citrix ADC to a new Citrix ADC.

Which configuration source can the engineer use to accomplish this?

- A. Master Configuration
- B. Inbuilt Template
- C. Instance
- D. Configuration Template

Answer: C

NEW QUESTION 34

Scenario: A Citrix Engineer is implementing Citrix Web App Firewall to protect a new web application. The engineer has created a profile, configured the relaxation rules, and applied signature protections. Additionally, the engineer has assigned the profile to a policy and bound the policy to the application.

What is the next step for the engineer in protecting the web application?

- A. Update the global default Citrix Web App Firewall profile with the new signature file.
- B. Enable the Signature Auto-Update feature.
- C. Enable logging on key protections.
- D. Test the web application protections with a group of trusted users.

Answer: B

NEW QUESTION 39

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 44

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 48

Which front end Optimization technique overcomes the parallel download limitation of web browsers?

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

Answer: A

NEW QUESTION 52

Scenario: A Citrix Engineer notices that a web page takes a long time to display. Upon further investigation, the engineer determines that the requested page consists of a table of high-resolution pictures which are being displayed in table cells measuring 320 by 180 pixels. Which Front End Optimization technique can the engineer enable on the Citrix ADC to improve time-to-display?

- A. Shrink to Attributes
- B. Make Inline
- C. Extend Page Cache
- D. Minify

Answer: A

NEW QUESTION 56

Which Citrix Web App Firewall engine setting can a Citrix Engineer use to ensure that protections are applied in the event that an advanced policy expression cannot be evaluated as either 'True' or 'False'?

- A. Undefined profile
- B. Session Limit
- C. Default profile
- D. Entity Decoding

Answer: B

NEW QUESTION 60

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 62

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 63

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 65

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 pages are displaying in plain text with graphics included. What is the likely cause of this?

- A. The Safe Objects protection is NOT properly configured.
- B. The Start URL list does NOT include CSS files.
- C. The Web App Firewall feature is disabled.
- D. The policy expression allows for HTML files only.

Answer: B

NEW QUESTION 66

Scenario: A Web Application Developer asked a Citrix Engineer to implement Citrix Web App Firewall protections. To provide consistency in branding, the developer asked that the web server provide a custom message when a violation occurs. Which profile setting does the engineer need to configure to provide the custom message?

- A. Redirect URL
- B. HTML Error Object
- C. RFC Profile
- D. Content Type Default Response

Answer: B

NEW QUESTION 68

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 71

What should a Citrix Engineer do when using the Learn feature for Start URL relaxation?

- A. Ensure that only valid or correct traffic is directed to the protected web application while in Learn mode.
- B. Invite at least 10 test users to collect sufficient data for the Learn feature.
- C. Create a Web App Firewall policy that blocks unwanted traffic.
- D. Ensure that the /var file system has at least 10 MB free.

Answer: B

NEW QUESTION 75

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. TLA
- C. IIS
- D. W3C

Answer: A

NEW QUESTION 80

Which Citrix Application Delivery Management (ADM) Analytics page allows an engineer to monitor the metrics of end-point analysis and authentication failures?

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

Answer: A

NEW QUESTION 82

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 84

What can a Citrix Engineer implement to protect against the accidental disclosure of personally identifiable information (PII)?

- A. Form Field Consistency
- B. HTML Cross-Site Scripting
- C. Safe Object
- D. Cookie Consistency

Answer: C

NEW QUESTION 87

Scenario: A Citrix Engineer is asked to help improve the performance of a web application. After capturing and analyzing a typical session, the engineer notices a large number of user requests for the stock price of the company.

Which action can the engineer take to improve web application performance for the stock quote?

- A. Enable the Combine CSS optimization.
- B. Create a static content group.
- C. Create a dynamic content group.
- D. Enable the Minify JavaScript optimization.

Answer: C

NEW QUESTION 91

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 96

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 101

A Citrix Engineer is notified that no traffic is reaching the protected web application. While investigating, the engineer notices that the Citrix Web App Firewall policy has 516,72 hits. What should the engineer check next?

- A. The security checks in the assigned profile
- B. The HTML Error Object
- C. The policy expression
- D. The security checks in the global default profile

Answer: A

NEW QUESTION 104

Scenario: A Citrix Engineer needs to block requests from a list of IP addresses in a database maintained by the Security team. The Security team has built a web application that will send a response of either "Blocked" or "Allowed," based on whether the given IP address is on the list. Which expression should the engineer use to extract the status for policy processing?

- A. HTTP.RES.STATUS
- B. HTTP.RES.HEADER("Connection")
- C. HTTP.RES.BODY(1000)
- D. HTTP.RES.CONTENT_LENGTH.GT(0)

Answer: B

NEW QUESTION 108

Which Citrix Application Delivery Management (ADM) Analytics page allows a Citrix Engineer to monitor web application traffic?

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

Answer: A

NEW QUESTION 111

Scenario: A Citrix Engineer reviews the log files for a business-critical web application. The engineer notices a series of attempts to directly access a file, /etc/passwd.

Which feature can the engineer implement to protect the application against this attack?

- A. Buffer Overflow
- B. Start URL
- C. Content Type
- D. Form Field Consistency

Answer: B

NEW QUESTION 112

Which data populates the Events Dashboard?

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

Answer: A

NEW QUESTION 115

Which action ensures that content is retrieved from the server of origin?

- A. CACHE
- B. MAY_CACHE
- C. NOCACHE
- D. MAY_NOCACHE

Answer: C

NEW QUESTION 118

Which two protections ensure that the correct data is returned by the client? (Choose two.)

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

Answer: AD

NEW QUESTION 122

Which protection can a Citrix Engineer implement to prevent a hacker from extracting a customer list from the company website?

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

Answer: D

NEW QUESTION 127

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 130

A Web Application Engineer is reviewing log files and finds that a large number of bad HTTP requests are being sent to the web application servers.

What can the Citrix ADC Engineer do to prevent bad HTTP requests from getting to the web application?

- A. Create an HTTP profile and select 'Drop invalid HTTP requests'. Assign the HTTP profile to the virtual server.
- B. Create an HTTP profile and select 'Drop invalid HTTP requests'. Assign the HTTP profile to the Web App Firewall policy.
- C. Modify the default HTTP profile and select 'Drop invalid HTTP requests'. Bind the default HTTP profile globally.
- D. Select 'Change HTTP Parameters' under System > Settings. Select 'Drop invalid HTTP requests'.

Answer: C

NEW QUESTION 134

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 135

Which security model should a Citrix Engineer implement to make sure that no known attack patterns pass through Citrix Web App Firewall?

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

Answer: D

NEW QUESTION 140

A Citrix Engineer has defined an HTTP Callout, `hc_authorized_location`, to return the value "Authorized" if client's IP address is on a list of authorized external locations.

Which advanced expression should the engineer use in a policy for testing this condition?

- A. `SYS.HTTP_CALLOUT(hc_authorized_location).IS_TRUE`
- B. `SYS.HTTP_CALLOUT(hc_authorized_location).EQ("Authorized")`
- C. `SYS.HTTP_CALLOUT(hc_authorized_location).IS_VALID`
- D. `SYS.HTTP_CALLOUT(hc_authorized_location).EQUALS_ANY("Authorized")`

Answer: D

NEW QUESTION 144

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