

1Y0-340 Dumps

Analyzing Citrix NetScaler Advanced Topics: Security - Management - and Optimization

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NEW QUESTION 1

A Citrix Engineer needs to configure Relaxation Rules using the learned data for SQL Injection. Which setting can the engineer enable in order to avoid false-positive learned rules?

- A. Increase database size for Learned data.
- B. Decrease Minthreshold value to Default in Learning settings.
- C. Increase Minthreshold value in Learning settings.
- D. Remove all unreviewed data from Learning settings.

Answer: D

NEW QUESTION 2

Scenario: A Citrix Engineer is trying to optimize a website that is load balanced on a NetScaler and is accessed by mobile users. The web application is complex and made up of hundreds of embedded images, scripts, and other objects per page. This limitation is creating a significant bottleneck, resulting in excessive load times.

Which NetScaler feature can the engineer use to optimize the web application?

- A. Domain Sharding
- B. SPDY (Speedy)
- C. Multipath TCP
- D. Minification

Answer: A

Explanation: The leading capability in this category is domain sharding. By default, browsers restrict the number of parallel connections that can be open to any one domain. Typically, fewer than ten are allowed. For complex web applications with hundreds of embedded images, scripts and other objects per page, this limitation can create a significant bottleneck resulting in excessive load times. With domain sharding, NetScaler MobileStream modifies administrator-selected URLs by breaking them into sub-domains to allow client web browsers to open multiple groups of parallel connections. As a result, object-heavy pages are downloaded and can be rendered up to 10 times faster. Also included in this category is cache extension, a capability that leverages advanced browser settings and NetScaler AppCache functionality to further improve performance by maximizing the practice of locally caching static content.

NEW QUESTION 3

Scenario: A Citrix Engineer needs to configure an external SNMP server in a High Availability setup. The engineer configured the load-balancing virtual server to access the NetScaler Management and Analytics System (NMAS) HA pair.

Which IP address will be configured on the external SNMP Manager to add the NMAS devices?

- A. IP Address of the LB VIP
- B. IP Address of the Primary node
- C. IP Address of the active node
- D. IP Address of both the NMAS nodes

Answer: D

NEW QUESTION 4

A company has experienced an outage of their mission-critical website. Upon investigation, the Citrix Engineer determines that the following command was executed on the website:

DROP TABLE table_name

Which security check would have prevented this issue?

- A. HTML SQL Injection
- B. Form Field Consistency
- C. HTML Cross-Site Scripting
- D. Field Formats

Answer: A

NEW QUESTION 5

Scenario: A Citrix Engineer has configured an IP Reputation policy and Profile in Application Firewall.

However, the engineer is NOT able to see any hits on the policy during testing.

Which logs can the engineer check to ensure that IP Reputation is configured correctly?

- A. websocketd.log
- B. snmpd.log
- C. iprep.log
- D. httpaccess.log

Answer: C

NEW QUESTION 6

Which two security checks invoke sessionization? (Choose two.)

- A. CSRF Form Tagging
- B. Field Formats
- C. Form Field Consistency
- D. HTML Cross-Site Scripting

Answer: AC

NEW QUESTION 7

A Citrix Engineer has received the following message after setting up Application Firewall in Learning mode. August 28 6 03:14:27

<local0.info>XXX.0.0.2.08/28/2017:03:14:27 GMT VPXExtProd01 0-PPE-0: default

GUI CMD_EXECUTED 1670370 0: User CitrixAdmin- Remote_ip XXX.19.XXX.XXX-Command "show appfw learningdata WebPub_vs_af_1 startURL"- Status "ERROR: Communication error with aslearn"

What can the engineer perform to resolve the issue?

- A. Reinstall the Application Firewall license.
- B. Reboot the NetScaler appliance.
- C. Disable the Application Firewall feature.
- D. Delete the Profile database and restart the aslearn process.

Answer: B

NEW QUESTION 8

Which meta-character can be used as a wildcard to match a single character in a given position?

- A. A forward slash (/)
- B. A period (.)
- C. An asterisk (*)
- D. A dollar Sign (\$)

Answer: D

NEW QUESTION 9

Scenario: A Citrix Engineer configured an HTTP Denial-of-Service (DoS) protection policy by setting the Surge Queue depth to 300. The surge queue reaches a size of 308, triggering the NetScaler "attack" mode. The HTTP DoS window mechanism is left at the default size which, when reached, will trigger "no-attack" mode.

Which queue depth value must the Surge Queue be to trigger the "no-attack" mode?

- A. size should be less than 280.
- B. size should be 300.
- C. size should be 290.
- D. size should be between 280 and 300.

Answer: A

NEW QUESTION 10

A Citrix Engineer needs to configure an AppQoE action to deliver content from an alternate service. Which three parameters should the engineer configure to meet this requirement? (Choose three.)

- A. TCP Profile
- B. Header Name
- C. Action Type
- D. Maximum Connections
- E. Alternate Content Path

Answer: BCD

NEW QUESTION 10

Which mechanism does the NetScaler use to enable a safe and speedy data exchange between a client/server initial TCP handshake?

- A. TCP Fast Open (TFO)
- B. TCP Burst Rate Control
- C. TCP Hystart
- D. TCP Time Stamp

Answer: A

NEW QUESTION 14

A Citrix Engineer observes that when the application firewall policy is bound to the virtual server, some of the webpages are NOT loading correctly. Which log file can the engineer use to view the application firewall-related logs in the native format?

- A. /var/log/iprep.log
- B. /var/nslog/newnslog
- C. /var/nslog/ns.log
- D. /var/log/ns.log

Answer: D

NEW QUESTION 19

Which action can be used to place the rule on the relaxation list without being deployed and ensuring that the rule is NOT learned again?

- A. Skip
- B. Deploy
- C. Delete
- D. Edit& Deploy

Answer: A

NEW QUESTION 20

Scenario: A Citrix Engineer has configured a NetScaler Management Analytics System (NMAS) policy mandating that all certificates must have minimum key strengths of 2048 bits and must be authorized by trusted CA/Issuers.
How does NMAS alert the engineer about non-compliance?

- A. NMAS highlights any non-compliance with the 'Non-Recommended' tag.
- B. NMAS disables any non-compliant policies.
- C. NMAS does NOT alert the engineer.
- D. NMAS disables any non-compliant certificates.

Answer: A

NEW QUESTION 25

A Citrix Engineer has deployed Front-end Optimization on NetScaler. The following are the snippets of the content before and after optimization.
Before Optimization:

```
<!DOCTYPE html>
<html>
<head>
<link rel= "stylesheet" type= "text/css" href= "sheet/abc.css">
<link rel= "stylesheet" type= "text/css" href="sheet/xyz.css">
</head>
<body>
  <div class= "abc">
    I am from style abc
  </div>
  < div class= "xyz">
    I am from style xyz
  </div>
</body>
</html>
```

After Optimization:

```
<!DOCTYPE html>
<html>
<head>
<link rel= "stylesheet" type= "text/css" href= "sheet/abcxyz.css">
</head>
<body>
  <div class= "abc">
    I am from style abc
  < /div >
  < div class= "xyz" >
    I am from style xyz
  < /div>
</body>
</html>
```

Which optimization technique has been applied to the content?

- A. Combine CSS
- B. Minify CSS
- C. Inline CSS
- D. Linked JavaScript to inline JavaScript

Answer: A

NEW QUESTION 29

A Citrix Engineer needs to migrate the NetScaler Insight Center virtual appliance to NetScaler Management and Analytics System (NMAS).
Which two actions should be met before migrating the NetScaler Insight Center virtual appliance to NMAS? (Choose two.)

- A. Install NetScaler Insight Center 11.1 Build 47.14 or later.
- B. Install NetScaler MAS License on the NMAS.
- C. Download the NetScaler MAS build to the /var/mps/mps_images.
- D. Remove the NetScaler instances added to the Insight Center.
- E. Migrate the NMAS virtual machine to XenServer.

Answer: AC

NEW QUESTION 33

The NetScaler Management and Analytics System (NMAS) needs to communicate with NetScaler instances on the Microsoft Azure and Amazon Web Services (AWS) clouds.
Which configuration must a Citrix Engineer make to meet this requirement?

- A. Layer 2 tunnel between NetScaler MAS and the NetScaler VPX instances.

- B. Layer 3 tunnel between NetScaler MAS and the NetScaler VPX instances.
- C. Layer 2 Tunneling Protocol (L2TP) connection to the NetScaler VPX instances.
- D. NetScaler MAS in the cloud.

Answer: B

NEW QUESTION 36

Scenario: A Citrix Engineer has configured a Denial-of-Service (DoS) protection on the NetScaler and found that client TCP connections are failing. After taking a packet trace, the engineer notices that the first packet was dropped and that the NetScaler terminated the connection due to DoS protection being enabled. What step can the engineer take to resolve the client connection failure?

- A. Enable the SYN COOKIE mechanism.
- B. Enable Denial-of-Service TCP connections.
- C. Disable the SYN COOKIE mechanism.
- D. Change the services from TCP to HTTP.

Answer: A

NEW QUESTION 38

Which NetScaler owned IP address is used by NetScaler Management and Analytics System (NMAS) to communicate with NetScaler Instances?

- A. VIP (Virtual IP)
- B. NSIP (NetScaler IP)
- C. CLIP (Cluster IP)
- D. SNIP (Subnet IP)

Answer: B

NEW QUESTION 42

A Citrix Engineer needs to configure an Application Firewall policy. According to company policies, the engineer needs to ensure that all the requests made to the website are originating from North America.

Which policy expressions will help the engineer accomplish the requirement?

- A. CLIENT.IP.SRC.MATCHES_LOCATION ("North America.US.*.*.*")
- B. CLIENT.IP.SRC.MATCHES_LOCATION ("North America.US.*.*.*"). NOT
- C. CLIENT.IP.DST.MATCHES ("North America.US.*.*.*")
- D. CLIENT.IP.SRC.MATCHES ("North America.US.*.*.*")

Answer: A

NEW QUESTION 46

A Citrix Engineer executed the below commands on the NetScaler command-line interface (CLI):
add stream selector cacheStreamSelector http.req.url
add ns limitIdentifier cacheRateLimitIdentifier -threshold 5 -timeSlice 2000 -selectorName cacheStreamSelector
add cache policy cacheRateLimitPolicy -rule "http.req.method.eq(get) && sys.check_limit (\ "cacheRateLimitIdentifier\")" -action cache
bind cache global cacheRateLimitPolicy- priority 10
What will be the effect of executing these commands?

- A. NetScaler will cache a response if the request URL rate exceeds 5 per 2000 milliseconds.
- B. NetScaler will cache a request if the request URL rate exceeds 5 per 2000 seconds.
- C. NetScaler will NOT cache a request if the request URL rate exceeds 5 per 2000 milliseconds.
- D. NetScaler will cache a response if the request URL rate exceeds 5 per 2000 seconds.

Answer: B

NEW QUESTION 49

Which setting should be enabled to convert the content-length form submission requests to chunked requests, when HTML SQL Injection protection is enabled?

- A. Optimize Partial Requests
- B. Streaming
- C. Enable form tagging
- D. Percentage Recursive Decoding

Answer: B

NEW QUESTION 53

Scenario: A Citrix Engineer needs to configure the Application Firewall to do a credit card check using the command-line interface (CLI) and configure the profile to obscure the credit card number.

Which parameter will the engineer add in the CLI to encrypt the credit card numbers in the logs?

- A. -creditCardAction BLOCK
- B. -creditCardMaxAllowed
- C. -creditCardXOut ON
- D. -doSecureCreditCardLogging ON

Answer: D

NEW QUESTION 56

A Citrix Engineer has deployed Front-end Optimization on NetScaler. The following are the snippets of the content before and after optimization.
Before Optimization:

```
<!DOCTYPE html>
<html lang= "en">
<head>
  <!--Title-->
  <title> Sample Web Page</title>
  <!--Script-->
  <script type= "text/javascript">
    var i = 0;
    i = i+1;
    document.write ("The values is:" +i);
  </script>
</head>
<body>
</body>
</html>
```

Which optimization technique has been applied to the content?

- A. Convert linked JavaScript to inline JavaScript
- B. Minify JavaScript
- C. Move JavaScript to End of Body Tag
- D. Inline JavaScript

Answer: B

NEW QUESTION 61

Scenario: A Citrix Engineer has configured NetScaler Management and Analytics System (NMAS) with the default settings. In this configuration, the total number of virtual servers is lower than the number of installed virtual server licenses.

Which type of virtual server will NOT be automatically licensed by the NMAS on discovered instances?

- A. Non-addressable virtual server
- B. Load Balancing virtual server
- C. SSL Offload virtual server
- D. Content Switching virtual server

Answer: A

NEW QUESTION 62

Which NetScaler Management and Analytics System (NMAS) feature will assist the Citrix Engineer in gathering the required data for issues with Endpoint Analysis?

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

Answer: A

NEW QUESTION 66

Scenario: A hacker accessed the HTML code from a product page and manipulated the HTML code as shown: Original Value: <input type=hidden name=price value=2379.73>

Manipulated Value: <input type=hidden name=price value=9.24>

Which security check can the engineer configure to counter the manipulation?

- A. Content-type
- B. Field Formats
- C. Form Field consistency
- D. HTML Cross-Site Scripting

Answer: C

NEW QUESTION 70

Which content type takes the maximum advantage of web caching mechanisms to boost performance?

- A. Pseudo-Dynamic Content
- B. Pseudo-Static Content
- C. Static Content
- D. Dynamic Content

Answer: D

NEW QUESTION 71

Which security option falls under the Negative Security Model for Citrix Application Firewall?

- A. Start URL
- B. HTML Cross-Site Scripting
- C. Content-type
- D. Signature

Answer: D

NEW QUESTION 75

A Citrix Engineer enabled Credit Card Security check in the Application Firewall Profile. Which response header will be dropped by Application Firewall after this check is enabled?

- A. Content-Encoding
- B. Content-Location
- C. Content-Type
- D. Content-Length

Answer: D

NEW QUESTION 77

A Citrix Engineer is configuring an Application Firewall Policy to protect a website. Which expression will the engineer use in the policy?

- A. HTTP.RES.IS_VALID
- B. HTTP.REQ.HOSTNAME.EQ ("true")
- C. HTTP.RES.HEADER ("hostname").EQ ("true")
- D. HTTP.REQ.IS_VALID

Answer: B

NEW QUESTION 78

What can a Citrix Engineer use in NetScaler Management and Analytics System (NMAS) to troubleshoot an issue in which users report long response times when accessing a virtual desktop?

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

Answer: A

NEW QUESTION 81

Which media-character can be used as an escape character and also can qualify a Meta-Character as literal when used before any character?

- A. A backslash (\)
- B. A pipe (|)
- C. A dollar sign (\$)
- D. A forward slash (/)

Answer: A

NEW QUESTION 83

The NetScaler processes HTTP/2 web client connections to the backend web servers by . (Choose the correct option to complete the sentence.)

- A. Converting the HTTP/2 headers to HTTP/1.1 headers and forwarding them to the web servers.
- B. Dropping HTTP/2 requests as it is NOT supported by web servers.
- C. Passing- through all HTTP/2 traffic to the web servers.
- D. Converting HTTP/2 to HTTP 0.9 and forwarding the packets to the web servers.

Answer: A

NEW QUESTION 88

How can a Citrix Engineer configure a specific LDAP attribute in the nFactor implementation?

- A. Specify the attribute in the LDAP server attributes field.
- B. Change the order of the policies.
- C. Add the attribute on the nFactor traffic policy.
- D. Change the login schema and add the new attribute.

Answer: D

NEW QUESTION 93

Scenario: A Citrix Engineer has enabled Security insight and Web insight on NetScaler Management and Analytics System (NMAS). The engineer is NOT able to see data under the Analytics on NMAS, in spite of seeing hits on the APPFLOW policy.

Which log should the engineer check on NMAS to ensure that the information is sent from NetScaler?

- A. mps_afanalytics.log
- B. mps_perf.log
- C. mps_afdecoder.log
- D. nstriton.log

Answer: C

NEW QUESTION 98

Scenario: A Citrix Engineer receives the following error when accessing content from a virtual server: “Page cannot be displayed.”

However, the content is accessible when connecting directly to the web server.

The engineer captured the traffic using nstrace and found that the amount of data sent from the web server exceeds the content length defined in the HTTP header.

Which action can the engineer take to resolve the issue?

- A. Disable Drop extra CRLF in the HTTP Profile.
- B. Enable Drop extra data from server in the HTTP Profile.
- C. Increase the Content length in the Application Firewall Profile.
- D. Disable Drop extra data from server in the HTTP Profile.

Answer: B

NEW QUESTION 101

Scenario: A Citrix Engineer has a project to enable Integrated Caching on a NetScaler for a Financial Consulting company whose clients monitor their stocks in real time. Clients are reporting a delay in the displaying of the stock values.

What can the engineer configure on the NetScaler to enable data to be presented to the clients in real time?

- A. Dynamic Content Groups
- B. Basic Content Group
- C. Add another NetScaler
- D. Static Content Group

Answer: A

NEW QUESTION 103

An attacker inserting a malicious code that compromises the trust relationship between users and a web application is an example of a (n) attack. (Choose the correct option to complete the sentence.)

- A. Cookie Tampering
- B. SQL Injection
- C. Form Field Consistency
- D. Cross-site Scripting

Answer: D

NEW QUESTION 105

Scenario: A Citrix Engineer is configuring a Buffer Overflow Security Check. When configuring the options, the engineer notices that the Learn Mode is unavailable.

Why is the Learn Mode unavailable in this configuration?

- A. The NetScaler License is at Enterprise.
- B. The Application Firewall database is at 20 MB.
- C. The Application Firewall feature is disabled.
- D. The Learn Mode is NOT available for Buffer Overflow.

Answer: A

NEW QUESTION 107

The NetScaler Management and Analytics System (NMAS) collects inventory from the instance by sending a(n) request. (Choose the correct option to complete the sentence.)

- A. AppFlow
- B. NITRO
- C. SNMP
- D. HTTP

Answer: B

NEW QUESTION 112

A Citrix Engineer needs to ensure that all traffic to the virtual server is blocked if NONE of the bound Application Firewall policies are matched.

Which setting can the engineer configure to meet this requirement?

- A. set appfw settings –undefAction APPFW_BLOCK
- B. set ns httpProfile nshttp_default_profile-dropInvalReqs DISABLED
- C. set ns httpProfile nshttp_default_profile –dropInvalReqs ENABLED
- D. set appfw settings –defaultProfile APPFW_BLOCK

Answer: D

NEW QUESTION 114

A Citrix Engineer needs to prevent an attack against insecure operating-system or web-server software. The attack can cause the system to crash or behave unpredictably when it receives a data string that is larger than it can handle.

Which security check on the Application Firewall can the engineer enable to prevent such attacks?

- A. Start URL
- B. Deny URL
- C. Buffer Overflow
- D. Field Format

Answer: C

NEW QUESTION 116

Which reason can cause fail over in a NetScaler Management and Analytics System (NMAS) High Availability pair?

- A. A secondary server loses connectivity in the LAN.
- B. The engineer manually forces the secondary server to shut down.
- C. A primary server encounters a critical software issue.
- D. A primary server does NOT receive the SNMP traps from the instances connected.

Answer: C

NEW QUESTION 118

What can a Citrix Engineer do to decrease browser load times by increasing the number of parallel connections to the resource?

- A. Configure Domain Sharding.
- B. Add more web servers.
- C. Block JavaScript on client browsers.
- D. Do NOT allow HTML websites.

Answer: A

NEW QUESTION 120

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