

# Citrix

## Exam Questions 1Y0-340

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



#### NEW QUESTION 1

Which two actions can a Citrix Engineer use to provide Denial of Service (DoS) protection with the AppQoE feature? (Choose two.)

- A. Simple Response
- B. HICResponse
- C. Denial Response
- D. Complex Response

**Answer:** AB

#### NEW QUESTION 2

A Citrix Engineer needs to protect a website that contains sensitive data such as employee ID numbers and customer ID numbers. Which security check can the engineer implement to protect the sensitive data?

- A. Content-type
- B. Safe Object Check
- C. Field Formats
- D. CSRF Form tagging

**Answer:** B

**Explanation:** The Safe Object check provides user-configurable protection for sensitive business information, such as customer numbers, order numbers, and country-specific or region-specific telephone numbers or postal codes.

#### NEW QUESTION 3

Which TCP flag will the NetScaler Application Firewall module send in response to a malformed/non-RFC complaint request from a client?

- A. FIN+ACK packet with a window size set to 9845
- B. RST packet with a window size set to 9845
- C. RST +ACK packet with a window size set to 0
- D. FIN packet with a window size set to 0

**Answer:** B

#### NEW QUESTION 4

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 5

A Citrix Engineer needs to optimize the Cascading Style Sheets (CSS) content sent from the backend server before being forwarded to the client. Which option can the engineer use to accomplish CSS optimization?

- A. Move to Head Tag
- B. Shrink to Attributes
- C. Lazy Load
- D. Convert to WebP

**Answer:** A

#### NEW QUESTION 6

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 7

Scenario: A Citrix Engineer discovers a security vulnerability in one of its websites. The engineer takes a header trace and checks the Application Firewall logs. The following was found in part of the logs:

method=GET

request = http://my.companysite.net/FFC/sc11.html msg=URL length (39) is greater than maximum allowed (20).cn1=707 cn2=402 cs1=owa\_profile cs2=PPE0 cs3=kW49GcKbnwKByByi3+jeNzfgWa80000 cs4=ALERT cs5=2015

Which type of Application Firewall security check can the engineer configure to block this type of attack?

- A. Buffer Overflow
- B. Start URL
- C. Cross-site Scripting
- D. Cookie Consistency

**Answer: C**

#### NEW QUESTION 8

A Citrix Engineer observes that after enabling the security checks in Learning mode only in an Application Firewall profile, the NetScaler is blocking the non-RFC compliant HTTP packets.

What can the engineer modify in the configuration to resolve this issue?

- A. Disable Drop Invalid Requests in the HTTP Profile settings.
- B. Set Default profile in application firewall settings as APPFW\_BYPASS.
- C. Set Undefined Action in application firewall settings as APPFW\_BYPASS.
- D. Enable Drop Invalid Requests in the HTTP Profile settings.

**Answer: B**

#### NEW QUESTION 9

Which two response headers are added by Application Firewall? (Choose two.)

- A. Transfer-Encoding
- B. Accept-Language
- C. Accept-Encoding
- D. Set-Cookie
- E. Range

**Answer: AD**

#### NEW QUESTION 10

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 10

A Citrix Engineer needs to set the rate at which connections are proxied from the NetScaler to the server. Which values should the engineer configure for Surge Protection?

- A. UDP Threshold and Start Port
- B. Grant Quota and Buffer Size
- C. TCP Threshold and Reset Threshold
- D. Base Threshold and Throttle

**Answer: D**

#### NEW QUESTION 15

Scenario: A Citrix Engineer has deployed four NetScaler MPXs with the following network configuration:

-Management traffic is on VLAN 5 (NSIP).

-Application and server traffic is on VLAN 10 (SNIP).

The engineer added the NetScaler Management and Analytics System (NMAS) interface to VLAN 10 to deploy a NMAS High Availability (HA) pair to manage and monitor the applications and virtual servers. After doing so, the engineer is NOT able to see the NetScaler or applications that need to be managed.

How can the engineer resolve the issue?

- A. Configure VLAN 5 as NSVLAN 5
- B. Move the NMAS interface to VLAN 5
- C. Configure VLAN 5 as NSSYNC VLAN
- D. Bind SNIP to VLAN 5

Answer: A

**NEW QUESTION 16**

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 21**

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 22**

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 27**

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 31**

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 33**

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 35**

A Citrix Engineer has found issues in the websites after enabling Application Firewall.

Which logs on the NetScaler can the engineer check to verify that the issues are NOT caused by Application Firewall?

- A. newslog
- B. ns.log
- C. nslog
- D. aaad.debug

Answer: B

#### NEW QUESTION 40

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 45

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/newslog
- C. /var/nslog/ns.log
- D. /var/log/ns.log

Answer: D

#### NEW QUESTION 50

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 52

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 54

Which type of Application Profile type can be configured to protect the application which supports both HTML and XML data?

- A. Web 2.0 Application Profile
- B. Web Application Profile
- C. XML Application Profile
- D. Advanced Profile

**Answer:** A

**Explanation:** Reference <https://docs.citrix.com/zh-cn/netscaler/11/security/application-firewall/DeploymentGuide.html>

#### NEW QUESTION 58

A Citrix Engineer needs to ensure that infrastructure is PCI DSS compliant. Which two are prerequisite actions for PCI DSS compliance? (Choose two.)

- A. Use only vendor-supplied defaults for system passwords and other security parameters.
- B. Assign a unique ID to each person with computer access.
- C. Track and monitor every transaction of the cardholder.
- D. Regularly test security systems and processes.
- E. Ensure that cardholder data is sent unencrypted over public networks.

**Answer:** CD

#### NEW QUESTION 63

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 66

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 71

A website hosts highly dynamic content that is frequently requested in bursts of high user access. Which configuration will reduce traffic to the origin server while optimizing client performance?

- A. `-pollEveryTime NO`
- B. `-expireAtLastByte YES`
- C. `-flashCache YES`
- D. `-heurExpiryParam 0`

**Answer:** A

#### NEW QUESTION 72

A Citrix Engineer is considered that malicious users could exploit a web system by sending a large cookie. Which security check can the engineer implement to address this concern?

- A. Field Formats
- B. Content-type
- C. Buffer Overflow
- D. Start URL

**Answer:** C

### NEW QUESTION 73

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 74

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 75

Which three protocols in a NetScaler Management and Analytics System (NMAS) can be used to back up the current state of the managed NetScaler instances? (Choose three.)

- A. Telnet
- B. Secure Shell (SSH)
- C. NITRO calls
- D. HTTP
- E. Secure Copy (SCP)

**Answer: BCE**

**Explanation:** You can manually backup and restore NetScaler configurations using the GUI, CLI, or you can use NetScaler MAS to perform automatic backups and manual restores. NetScaler MAS backs up the current state of your managed NetScaler instances by using NITRO calls and the Secure Shell (SSH) and Secure Copy (SCP) protocols.

### NEW QUESTION 79

A Citrix Engineer observes the following event in the ns.log:

```
Aug 3 11:55:58 <local0.info> 10.248.64.10 08/03/2015:15:55:58 GMT ATLONS01 0-PPE-1: default APPFW APPFW_STARTURL 406856 0: 10.248.13.13 11152-PPE1
```

```
LG+hd4LkcYiOyQVWvOTsCtSyiv00001 SPI Disallow illegal URL: https://training.citrix.com/login
```

```
<blocked>
```

Which Application Firewall profile has blocked the URL?

- A. SPI
- B. APPFW\_STARTURL
- C. ATLONS01
- D. SPI Disallow illegal URL

**Answer: C**

### NEW QUESTION 80

A Citrix Engineer has correctly installed and configured the NetScaler Web Logging (NSWL) client but has noticed that logs are NOT being updated. What could be causing this issue?

- A. The TCP port 3011 is NOT open between the NSWL client and NetScaler.
- B. The NSWL client executable is NOT running on the client.
- C. The NSWL buffer is full on the NetScaler.
- D. An NSIP is missing in the log.conf file

**Answer: D**

### NEW QUESTION 81

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 85**

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 87**

Scenario: A Citrix Engineer needs to set up a NetScaler Web Logging (NSWL) client system for logging. The engineer attempted to start the NSWL service on the client system and found that the service is NOT starting.

What could be causing this issue?

- A. TCP 3011 is NOT open between the NetScaler SNIP and the NSWL client.
- B. log.conf file is NOT properly configured on the NSWL client.
- C. Web Logging feature is NOT installed on the NetScaler.
- D. "nswl-verify" command has NOT yet been run on the NSWL client.

**Answer: D**

**NEW QUESTION 88**

Which NetScaler Management Analytics System (NMAS) feature can the Citrix Engineer use to convert configuration tasks performed using the GUI to CLI commands?

- A. Master Configuration
- B. Inbuilt Template
- C. Record-and-Play
- D. Configuration Template

**Answer: C**

**NEW QUESTION 92**

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 95**

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 97**

Scenario: A Citrix Engineer has configured LDAP group extraction on the NetScaler Management and Analytics System (NMAS) for the administration. The engineer observes that extraction is NOT working for one of the five configured groups. What could be the cause of the issue?

- A. The admin bind user has read-only permissions on the LDAP server.
- B. The NMAS group does NOT match the one on the external LDAP servers.
- C. The LDAP bind DN is incorrectly configured in the LDAP profile.
- D. The user group extraction is NOT supported with plaintext LDAP.

**Answer: B**

**NEW QUESTION 100**

Scenario: A Citrix Engineer has enabled learning on Application Firewall for all the Security checks on a basic profile that is configured in a production environment. However, after a few hours, the Application Firewall has stopped learning new data. What is causing the issue?

- A. The learning database is limited to 20 MB in size and needs a reset.
- B. Application Firewall learning can only be enabled for an advanced profile.
- C. Application Firewall learning should only be enabled on Start URL.
- D. All the Security checks CANNOT be enabled simultaneously.

**Answer: A**

**NEW QUESTION 104**

Scenario: A Citrix Engineer has configured Security Insight on NetScaler Management and Analytics System (NMAS) with Firmware version 12.0.41.16 to monitor the Application Firewall.

The NetScaler ADC is running version 12.0.51.24 using Enterprise License with Application Firewall only License. However, after enabling Security insight, the engineer is NOT able to see any data under security insight. What is causing this issue?

- A. NetScaler should have a Standard License.
- B. The NMAS version should be higher or equivalent to the NetScaler version.
- C. NetScaler should have a Platinum license.
- D. NMAS should be on Platinum license.

**Answer: B**

**NEW QUESTION 108**

Scenario: A Citrix Engineer has deployed Front-end Optimization on NetScaler. Below is the snippet of the content before and after optimization. Before Optimization:

```
<!DOCTYPE html>
<html lang= "en">
<head>
  <title>Sample Web Page</title>
</head>
<body>
  <!-- header -->
  <!-- stylesheets -->
  <link href= "assets/fonts/font-robot.css" rel= "stylesheet">
  <style>
    .header {
      background-color:blue;
    }
  </style>

  <div class= "header">
    <a href= "#">
      <span class= "hidden-xs-down m-r-3">Sample </span><span class= "lead">Web Page</span>
    </a>
  </div>
  <!-- /header -->
</body>
</html>
```

After Optimization:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <title>Sample Web Page</title>
  <!-- stylesheets -->
  <link href="assets/fonts/font-robot.css" rel="stylesheet">
  <style>
    .header {
      background-color:blue;
    }
  </style>
</head>
<body>
  <!-- /header -->
  <div class="header">
    <a href="#">
      <span class="hidden-xs-down m-r-3">Sample </span><span class="lead">Web Page</span>
    </a>
  </div>
  <!-- /header -->
</body>
</html>
```

Which optimization technique has been applied to the content?

- A. CSS Minify
- B. CSS Combine
- C. CSS Move to Head Tag
- D. CSS Make Inline

**Answer: D**

**NEW QUESTION 111**

Which three options can be used to specify the destination of an HTTP Callout? (Choose three.)

- A. Load balancing Virtual server
- B. Global server load balancing Virtual server
- C. NetScaler Gateway Virtual server
- D. Content switching Virtual server
- E. Cache redirection Virtual server

**Answer: ADE**

**NEW QUESTION 116**

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 117**

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 120**

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 125**

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 127

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 128

Scenario: A Citrix Engineer configures the Application Firewall for protecting a sensitive website. The security team captures traffic between a client and the website and notes the following cookie:

citrix\_ns\_id

The security team is concerned that the cookie name is a risk, as it can be easily determined that the NetScaler is protecting the website.

Where can the engineer change the cookie name?

- A. Application Firewall Policy
- B. Application Firewall Engine Settings
- C. Application Firewall Default Signatures
- D. Application Firewall Profile

**Answer:** D

#### NEW QUESTION 131

Scenario: A Citrix Engineer is assigned applications using Role-based Access Control (RBAC) in NetScaler Management and Analytics Systems (NMAS). In the NMAS, the engineer can see all virtual servers under Web Insight > Applications, but is unable to access them.

What could be the cause of this behavior?

- A. The RBAC is NOT supported for Orchestration.
- B. The RBAC is NOT supported at the application level.
- C. The Access Control policy is NOT configured on the NetScaler.
- D. The Access Control policy name on NetScaler and NetScaler MAS should match.

**Answer:** B

#### NEW QUESTION 133

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 137

A Citrix Engineer configures the integrated caching feature to cache both static and dynamic content, but the integrated cache feature does NOT work as expected.

Which two resources can the engineer use to troubleshoot this integrated cache issue? (Choose two.)

- A. core dump
- B. dmesg
- C. nstrace
- D. ns.conf
- E. sysctl-a

**Answer:** CD

**Explanation:** Reference

<https://docs.citrix.com/en-us/netscaler/11/optimization/integrated-caching/troubleshooting-integrated-caching.ht>

#### NEW QUESTION 138

Which is a single-digit rating system that indicates the criticalness of attacks on the application, regardless of whether or NOT the application is protected by a NetScaler appliance?

- A. App Store
- B. Safety Index
- C. Threat Index

D. Transactions

**Answer: C**

**NEW QUESTION 140**

A Citrix Engineer has configured NetScaler Web Logging on a Linux client machine. The engineer needs to verify if the log.conf file has been configured correctly and that there are NO syntax errors.

Which command can the engineer use to accomplish this?

- A. nswl -verify -f/ns/etc/log.conf
- B. nswl -verify -f/usr/local/netscaler/etc/log.conf
- C. nswl -verify -f/usr/local/netscaler/bin/log.conf
- D. nswl -verify -f/ns/bin/log.conf

**Answer: B**

**NEW QUESTION 141**

When the NetScaler marks a client connection as “non-trackable”, the default behavior of the NetScaler without making any change to the HTTP Profile is to . (Choose the correct option to complete the sentence.)

- A. proxy the connection to the target.
- B. proxy the connection to the client.
- C. track the connection.
- D. drop the connection.

**Answer: D**

**NEW QUESTION 145**

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 149**

A Citrix Engineer needs to write a regular expression to treat the URL www.citrix.com as a literal string. Which regular expression can the engineer use?

- A. www\$.citrix\$.com
- B. [www\]. [citrix\]. [com\]
- C. www+.citrix+.com
- D. www\.citrix\.com

**Answer: B**

**NEW QUESTION 150**

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 151**

A Citrix Engineer has determined that users are able to access random URLs on a web site through bookmarks and by manually typing in the URLs to skip the pages required to reach that part of the website.

Which two checks can the engineer enable to prevent this attack? (Choose two.)

- A. Form Field Consistency
- B. Deny URL
- C. Start URL
- D. Buffer overflow
- E. HTML Cross-site scripting

**Answer: CD**

**NEW QUESTION 155**

Which Markup Language is used along with NITRO API to create a StyleBook?

- A. YAML
- B. GML
- C. XML
- D. HTML

**Answer:** A

#### NEW QUESTION 157

Which protocol does NetScaler Management and Analytics System (NMAS) use when Discovery is run to locate instances?

- A. RIP
- B. TCP
- C. ICMP
- D. NITRO

**Answer:** C

#### Explanation:

The NetScaler MAS server sends an Internet Control Message Protocol (ICMP) ping to locate the instance. Then, it uses the instance profile details to log on to the instance. Using a NetScaler NITRO call, NetScaler MAS retrieves the license information of the instance. On the basis of the licensing information, it determines whether the instance is a NetScaler instance and the type of NetScaler platform (for example, NetScaler MPX, NetScaler VPX, NetScaler SDX, or NetScaler Gateway). On successful detection of the NetScaler instance, it is added to the NetScaler MAS server's database.

#### NEW QUESTION 161

Scenario: A Citrix Engineer needs to configure Application Firewall to handle SQL injection issues. However, after enabling SQL injection check, the backend server started dropping user requests.

The Application Firewall configuration is as follows:

```
add appfw profile Test123 --startURLAction none- denyURLAction none-crossSiteScriptingAction none
--SQLInjectionAction log stats- SQLInjection TransformSpecialChars ON
--SQLInjectionCheckSQLWildChars ON- fieldFormatAction none- bufferOverflowAction none- responseContentType "application/octet-stream"
--XMLSQLInjectionAction none- XMLXSSAction none-XMLWSIAction none- XMLValidationAction none
```

What does the engineer need to change in the Application Firewall configuration?

- A. Enable-XMLSQLInjectionAction none
- B. Enable-XMLValidationAction none
- C. Disable- SQLInjectionCheckSQLWildChars ON
- D. Disable- SQLInjectionTransformSpecialChars ON

**Answer:** C

#### NEW QUESTION 164

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 168

A Citrix Engineer has configured SQL Injection security check to block all special characters. Which two requests will be blocked after enabling this check? (Choose two.)

- A. Citrix; Sqltest
- B. 175// OR 1//=1//
- C. Citrix" OR "1"="1
- D. Citrix OR 1=1
- E. 175' OR '1'='1'

**Answer:** AB

#### NEW QUESTION 172

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 177

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 179

Scenario: A Citrix Engineer observes that when going through NetScaler, user connections fail and users are unable to access Exchange server. However, users can connect directly to the Exchange server. After checking the logs, the engineer finds that the POST request is blocked through the NetScaler.

The log in/ var/log/ns.log is as follows:

```
Jul 20 11:00: 38 <local0.info>x.x.x. 1 07/20/2017:11:00:38 GMT ns 0-PPE-0:APPFW AF_400_RESP 29362
```

```
0: x.x.x.1 439800-PPEO- urlwdummy
```

```
https://test.abc.com/rpc/rpcproxy.dll?mail.sfmta.com:6004 Bad request headers. Content-length exceeds post body limit <blocked>
```

Which parameter can the engineer modify to resolve the issue while maintaining security?

- A. Increase the Maximum Header Length under nshttp\_default\_profile.
- B. Increase the POST body limit using the HTTP profile.
- C. Add an Application Firewall policy with the expression "HTTP.REQ.METHOD.EQ(\ "POST")" with APPFW\_BYPASS profile bound.
- D. Increase the POST body limit under common settings in Application Firewall profile settings.

**Answer: D**

#### NEW QUESTION 184

Which two threats can be prevented by using IP Reputation? (Choose two.)

- A. Trojan horses
- B. Phishing Proxies
- C. Worm
- D. Compromised IPv6 web-server
- E. Compromised IPv4 web-server

**Answer: BE**

#### NEW QUESTION 188

A Citrix Engineer needs to configure an application firewall profile to ensure that the images uploaded on the website are NOT malicious. The engineer needs to create a policy to filter the upload requests and ensure that they are in JPEG format.

Which expression can the engineer use to fulfill this requirement?

- A. http.req.url.endswith (".jpeg") & http.req.method.eq (POST)
- B. http.req.url.contains (".jpeg") & http.req.method.eq (GET)
- C. http.req.url.endswith (".jpeg") || http.req.method.eq (GET)
- D. http.req.header ("Content-Type").contains ("image/jpeg") || http.req.method.eq(POST)

**Answer: D**

#### NEW QUESTION 191

Scenario: A Citrix Engineer has configured Application Firewall and enabled it in learning mode. However, the Application Firewall database is reaching full capacity due to excessive requests.

What can the engineer configure to mitigate this issue?

- A. Enable learning only on XML based profiles.
- B. Increase NetScaler hard drive capacity.
- C. Configure caching policies.
- D. Configure Trusted Learning Clients.

**Answer: D**

#### NEW QUESTION 194

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