

1Y0-241

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## Exam A

### QUESTION 1

How can a Citrix Administrator configure a rewrite policy to change the version of HTTP from 1.1 to 1.0 in every request?

- A. >add rewrite action RW\_ACT replace http.res.version "\HTTPS/1.0\"  
> add rewrite policy RW\_POL true RW\_ACT
- B. >add rewrite action RW\_ACT replace http.req.version "\HTTPS/1.1\"  
> add rewrite policy RW\_POL true RW\_ACT
- C. >add rewrite action RW\_ACT replace http.res.version "\HTTPS/1.1\"  
> add rewrite policy RW\_POL true RW\_ACT
- D. >add rewrite action RW\_ACT replace http.req.version "\HTTPS/1.0\"  
> add rewrite policy RW\_POL true RW\_ACT

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**



### QUESTION 2

Scenario: A Citrix Administrator needs to configure a Responder policy, so that the string "/mytraining" is added to every URL path received.

The administrator should use these commands to accomplish this:

```
>add responder action Redirect_Act redirect "HTTP.REQ.URL.PATH_AND_QUERY+"mytraining\" --responseStatusCode 302
>add responder policy Redirect_Pol_____Redirect_Act
>bind lb vServer lb_vsrv_www -policyName Redirect_Pol -priority 100 -gotoPriorityExpression END -type_____
```

(Choose the correct option to complete the set of commands.)

- A. "(HTTP.REQ.URL.STARTSWITH(\"mytraining\"))"  
REQUEST
- B. "(HTTP.REQ.URL.STARTSWITH(\"mytraining\"))"  
RESPONSE
- C. "! (HTTP.REQ.URL.ENDSWITH(\"mytraining\"))"  
REQUEST

D. "!(HTTP.REQ.URL.ENDSWITH(\"mytraining\"))"

RESPONSE

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 3

**Scenario:** A Citrix Administrator configured an authentication, authorization, and auditing (AAA) policy to allow users access through the Citrix ADC. The administrator bound the policy to a specific vServer.

Which policy expression will allow all users access through the vServer?

- A. true
- B. false
- C. ns\_true
- D. ns\_false

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/citrix-adc/current-release/aaa-tm/entities-of-authentication-authorization-auditing/authentication-policies.html>

### QUESTION 4

Which two policies can a Citrix Administrator configure using only the advanced policy expression? (Choose two.)

- A. DNS
- B. Integrated caching
- C. SSL
- D. System

**Correct Answer:** AB

**Section:** (none)

**Explanation**



**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/citrix-adc/current-release/appexpert/policies-and-expressions/introduction-to-policies-and-exp/classic-and-advancedpolicy.html>

**QUESTION 5**

**Scenario:** A Citrix Administrator configured Citrix ADC load balancing to send requests to one of three identical backend servers. Each server handles multiple protocols, and load balancing is set up in round-robin mode. The current load-balancing setup on the Citrix ADC is:

- One load-balancing vServer with one externally accessible VIP
- One service created for each protocol type
- One server entity for each backend resource

During business hours, the administrator wants to make changes to one backend server without affecting the other servers.

What is the most efficient way for the administrator to ensure that all traffic is routed away from the server without impeding responses from other resources?

- A. Disable the backend service entity targeted for change.
- B. Disable the backend server entity targeted for change.
- C. Disable the load-balancing vServer.
- D. Unbind the correct server entity from the load-balancing vServer.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 6**

**Scenario:** A Citrix Administrator configured a global server load balancing (GSLB) setup for internal and external users using the same host name. For internal users, *cvad.citrite.net* should go to the Citrix StoreFront site; for external users, it should connect to the Citrix ADC Gateway VPN site.

Which feature should the administrator configure to accomplish this?

- A. DNS Preferred Location
- B. DNS Record
- C. DNS View
- D. DNS Proxy

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://support.citrix.com/article/CTX130163>

### QUESTION 7

**Scenario:** The Citrix Administrator of a Linux environment needs to load balance the web servers. Due to budget constraints, the administrator is NOT able to implement a full-scale solution.

What can the administrator purchase and install to load balance the web servers?

- A. Citrix ADC MPX
- B. Citrix ADC VPX
- C. Citrix ADC SDX
- D. Citrix ADC CPX

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.citrix.com.br/products/citrix-adc/cpx-express.html>

### QUESTION 8

What is the effect of the “set cs vServer-CS-1 –redirectURL http://www.newdomain.com/mysite/” command?

- A. If the vServer-CS-1 encounters a high connection rate, then users will be redirected to http://www.newdomain.com/mysite/.
- B. If the status of vServer-CS-1 is DOWN, then users will be redirected to http://www.newdomain.com/mysite/.
- C. All the requests to vServer-CS-1 will be redirected to http://www.newdomain.com/mysite/.
- D. All the requests without URL path/mysite/ will be redirected to http://www.newdomain.com/mysite/.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**



### QUESTION 9

**Scenario:** A Citrix Administrator configured a load-balancing vServer. The URL for this vServer is vpn.citrix.com. The backend server has the host name configured as server1.citrix.com.

The administrator needs to implement the policy to change the host name from vpn.citrix.com to server1.citrix.com, and vice versa.

Which does the administrator need to configure to meet this requirement?

- A. set transform action "host change" -priority 10 -reqUrlFrom "https://vpn.citrix.com/\*" -reqUrlInto "https://server1.citrix.com/\*" -resUrlFrom "https://server1.citrix.com/\*" -resUrlInto "https://vpn.citrix.com/\*"
- B. set transform action "host change" -priority 10 -reqUrlFrom "https://server1.citrix.com/\*" -reqUrlInto "https://vpn.citrix.com/\*" -resUrlFrom "https://server1.citrix.com/\*" -resUrlInto "https://vpn.citrix.com/\*"
- C. set transform action "host change" -priority 10 -reqUrlFrom "https://server1.citrix.com/\*" -reqUrlInto "https://vpn.citrix.com/\*" -resUrlFrom "https://vpn.citrix.com/\*" -resUrlInto "https://server1.citrix.com/\*"
- D. set transform action "host change" -priority 10 -reqUrlFrom "https://vpn.citrix.com/\*" -reqUrlInto "https://server1.citrix.com/\*" -resUrlFrom "https://vpn.citrix.com/\*" -resUrlInto "https://server1.citrix.com/\*"

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**



### QUESTION 10

**Scenario:**

POLICY 1:

add rewrite action ACT\_1 corrupt\_http\_header Accept-Encoding

add rewrite policy POL\_1 HTTPS.REQ.IS\_VALID ACT\_1

POLICY 2:

add rewrite action ACT\_2 insert\_http\_header Accept-Encoding "\"identity\""

add rewrite policy POL\_2 "HTTP.REQ.IS\_VALID " ACT\_2

How can a Citrix Administrator successfully bind the above rewrite policies to the load-balancing vServer lb\_vsrv so that POL\_2 is evaluated after POL\_1 is evaluated?

- A. bind lb vServer lb\_vsrv -policyName POL\_1 -priority 110 -gotoPriorityExpression NEXT -type REQUEST  
bind lb vServer lb\_vsrv -policyName POL\_2 -priority 100 -gotoPriorityExpression END -type REQUEST
- B. bind lb vServer lb\_vsrv -policyName POL\_1 -priority 90 -gotoPriorityExpression NEXT -type REQUEST  
bind lb vServer lb\_vsrv -policyName POL\_2 -priority 100 -gotoPriorityExpression END -type REQUEST
- C. bind lb vServer lb\_vsrv -policyName POL\_1 -priority 90 -gotoPriorityExpression END -type REQUEST  
bind lb vServer lb\_vsrv -policyName POL\_2 -priority 80 -gotoPriorityExpression NEXT -type REQUEST
- D. bind lb vServer lb\_vsrv -policyName POL\_1 -priority 90 -type REQUEST bind lb vServer lb\_vsrv -  
policyName POL\_2 -priority 100 -type REQUEST

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 11

**Scenario:** A Citrix Administrator made changes to a Citrix ADC, deleting parts of the configuration and saving some new ones. The changes caused an outage that needs to be resolved as quickly as possible. There is no Citrix ADC backup.

What does the administrator need to do to recover the configuration quickly?

- A. Restart the Citrix ADC.
- B. Restore from the revision history.
- C. Run saved versus running configuration.
- D. Run highly availability (HA) file synchronization.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 12

**Scenario:** Client connections to certain vServers are abnormally high. A Citrix Administrator needs to be alerted whenever the connections pass a certain threshold.

How can the administrator use Citrix Application Delivery Management (ADM) to accomplish this?

- A. Configure network reporting on the Citrix ADM by setting the threshold and email address.
- B. Configure SMTP reporting on the Citrix ADM by adding the threshold and email address.
- C. Configure TCP Insight on the Citrix ADM.
- D. Configure specific alerts for vServers using Citrix ADM.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 13

**Scenario:** While attempting to access web server that is load balanced by a Citrix ADC using HTTPS, a user receives the message below.

SSL/TLS error: You have not chosen to trust "Certificate Authority" the issuer of the server's security certificate.

What can a Citrix Administrator do to prevent users from viewing this message?

- A. Ensure that users have the certificate's private key.
- B. Ensure that users have the certificate's public key.
- C. Ensure that the server certificate is linked to its respective intermediate and root certificates.
- D. Ensure that users have the server certificate installed.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/citrix-gateway/12-1/citrix-gateway-12.1.pdf> (80)

### QUESTION 14

**Scenario:** A Citrix ADC MPX is using one of four available 10G ports. A Citrix Administrator discovers a traffic bottleneck at the Citrix ADC.

What can the administrator do to increase bandwidth on the Citrix ADC?

- A. Purchase another Citrix ADC MPX appliance.



- B. Plug another 10G Citrix ADC port into the router.
- C. Add two more 10G Citrix ADC ports to the network and configure VLAN.
- D. Add another 10G Citrix ADC port to the switch, and configure Link Aggregation Control Protocol (LACP).

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://developer-docs.citrix.com/projects/netScaler-snmp-oid-reference/en/12.0/>

### QUESTION 15

**Scenario:** A Citrix Administrator gives permissions to team members to access their own admin partition. This will allow them to add resources for different departments and manage them without making changes to the default Citrix ADC partition and configuration.

One team member typing to use the command line interface (CLI) to troubleshoot an authentication issue could NOT use `aaad.debug`. However, the team member has full permissions on the admin partition.

What can be the cause of this issue?

- A. The team member is NOT using the CLI correctly.
- B. The team member needs to troubleshoot the issue from the GUI.
- C. The team member does NOT have permission to use the CLI.
- D. The team member does NOT have shell access by design.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 16

Which Citrix ADC monitor can a Citrix Administrator use to check the authentication service of the Active Directory (AD) domain controller?

- A. An LDAP monitor with the LDAP Script Name, Configured Base DN, Bind DN, Filter, Attribute and Password parameters in the basic parameters.
- B. A ping monitor with the IP address of the AD domain controller in the special parameters
- C. A MYSQL-ECV monitor with the Base DN, Bind DN, Filter, Attribute, and Password parameters configured in the basic parameters

D. A TCP monitor with the LDAP Base DN configured in the basic parameters.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 17

Which feature can a Citrix Administrator use to create a consistent set of front-end SSL parameters across multiple SSL vServers?

- A. SSL profile
- B. SSL multiplexing
- C. SSL bridge
- D. SSL policy
- E. SSL policy

**Correct Answer:** A

**Section:** (none)

**Explanation**



**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/citrix-adc/current-release/ssl/config-ssloffloading.html>

#### QUESTION 18

**Scenario:** A Citrix Administrator executed the command below:

```
> set httpcallout httpcallout1 -cacheForSecs 120
```

This command changes the cache duration of the HTTP \_\_\_\_\_ to be set to 120 seconds. (Choose the correct option to complete the sentence.)

- A. callout response
- B. request
- C. callout request
- D. response

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/citrix-adc/current-release/appexpert/http-callout/caching-http-callout-responses.html>

#### **QUESTION 19**

**Scenario:** A Citrix Administrator is running an e-commerce web service that uses backend SQL and RADIUS servers. The e-commerce platform runs on a web server using port 80, and a website status page on port 99 reports the status of all servers.

Which monitor should the administrator choose to confirm the availability of the e-commerce solution?

- A. HTTP on port 99
- B. HTTP-ECV on port 80
- C. HTTP on port 80
- D. HTTP\_ECV on port 99

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Reference: <https://support.citrix.com/article/CTX209292>

#### **QUESTION 20**

**Scenario:** A Citrix Administrator configured a responder policy as follows:

```
> add responder action Redirect_Act respondwith "DIAMETER.NEW_REDIRECT(\"aaa://host.example.com\")"
```

```
> add responder policy Redirect_Pol "diameter.req.avp(264).value.eq(\"host1.example.net\")"
```

Redirect\_Act > bind lb vServer vs1 -policyName Redirect\_Pol -priority 10 -type REQUEST What will be the effect of this configuration?

- A. Request originated from "host1.example.net" will be redirected to "host.example.com".
- B. Response originated from "host1.example.net" will be redirected to "host.example.com".
- C. Response originated from "host.example.net" will be redirected to "host1.example.com".
- D. Request originated from "host.example.net" will be redirected to "host1.example.com".



**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 21**

A Citrix Administrator needs to protect the HTTP backend server type without actually removing the header.

Which rewrite action type can the administrator apply to the Citrix ADC configuration to accomplish this?

- A. REPLACE
- B. CORRUPT\_HTTP\_HEADER
- C. REPLACE\_HTTP\_REQ
- D. REPLACE\_ALL

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### **QUESTION 22**

**Scenario:** A Citrix Administrator executed the command below in an active-active, global server load balancing (GSLB) setup.

set gslb parameter -ldnsprobeOrder DNS PING TCP

The order to calculate the \_\_\_\_\_ for dynamic proximity will be the DNS UDP query followed by the ping and then TCP. (Choose the correct option to complete the sentence.)

- A. Time to live (TTL)
- B. Empty Domain Service (EDS)
- C. Multiple IP responses (MIR)
- D. Round-trip time (RTT)

**Correct Answer:** D

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/citrix-adc/current-release/global-server-load-balancing/methods/dynamic-round-trip-time-method.html>

### **QUESTION 23**

**Scenario:** A load-balancing vServer is configured to utilize the least bandwidth load-balancing method. A service attached to this vServer is brought into the effective state during production hours.

During the startup of a vServer, which load-balancing method is used by default?

- A. Least connections
- B. Least bandwidth
- C. Custom load
- D. Round-robin

**Correct Answer:** A

**Section: (none)**

**Explanation**



**Explanation/Reference:**

Reference: <https://www.eginnovations.com/documentation/Citrix-Netscaler-VPX-MPX/Load-Balancing-Virtual-Servers.htm>

### **QUESTION 24**

**Scenario:** A Citrix Administrator manages an environment that has a Citrix ADC high availability (HA) pair running on two MPX appliances. The administrator notices that the state of the secondary Citrix ADC is 'Unknown'.

What is causing the secondary state to be 'Unknown'?

- A. The synchronization on the secondary appliance is disabled.
- B. TCP port 22 is disabled between the primary and secondary ADCs.
- C. The administrator made both Citrix ADCs primary.
- D. The remote procedure call (RPC) nodes are incorrectly configured.

**Correct Answer:** D

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 25** set gslb vServer-GSLB-1-MIR ENABLED

What will the Citrix ADC appliance send when the above command is executed?

- A. The Remote GSLB service as the first record in the response and adds the remaining active services as additional records
- B. The Local GSLB service as the first record in the response and adds the remaining active services as additional records
- C. Only the best GSLB service in the response
- D. The best global server load balancing (GSLB) service as the first record in the response, and the remaining active services as additional records

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 26**

**Scenario:** A Citrix Administrator needs to improve website loading speed. End users are reporting slow GIF image rendering speeds as they scroll down a website, which affects overall page load time.

Which Citrix ADC feature can the administrator enable to improve website performance?

- A. Domain sharding
- B. Image lazy loading
- C. Image optimization
- D. Image shrink-to attributes

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 27**

**Scenario:** A Citrix Administrator configured SNMP to send traps to an external SNMP system. When reviewing the messages, the administrator notices several entity UP and entity DOWN messages.

To what are these messages related?

- A. Load-balancing vServers
- B. Network interface
- C. High availability nodes
- D. SSL profile

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: [https://www.reddit.com/r/Citrix/comments/bamiez/ns\\_study\\_question\\_help/](https://www.reddit.com/r/Citrix/comments/bamiez/ns_study_question_help/)

#### QUESTION 28

To protect an environment against Hash DoS attacks, which two configurations can a Citrix Administrator use to block all post requests that are larger than 10,000 bytes? (Choose two.)

- A. > add policy expression expr\_hashdos\_prevention "http.REQ.METHOD.EQ(\"POST\")&& http.REQ.CONTENT\_LENGTH.GT(10000)" > add rewrite policy drop\_rewrite expr\_hashdos\_prevention DROP  
> bind rewrite global drop\_rewrite 100 END -type REQ\_OVERRIDE
- B. > add policy expression expr\_hashdos\_prevention "http.REQ.METHOD.EQ(\"POST\")&& http.REQ.CONTENT\_LENGTH.GT(10000)"  
> add responder policy pol\_resp\_hashdos\_prevention expr\_hashdos\_prevention DROP NOOP  
> bind responder global pol\_resp\_hashdos\_prevention 70 END -type REQ\_OVERRIDE
- C. > add policy expression expr\_hashdos\_prevention "http.REQ.METHOD.EQ(\"POST\") || http.REQ.CONTENT\_LENGTH.GT(10000)"  
> add responder policy pol\_resp\_hashdos\_prevention expr\_hashdos\_prevention DROP NOOP  
> bind responder global pol\_resp\_hashdos\_prevention 70 END -type REQ\_OVERRIDE
- D. > add policy expression expr\_hashdos\_prevention "http.REQ.METHOD.EQ(\"POST\") || http.REQ.CONTENT\_LENGTH.GT(10000)" > add rewrite policy drop\_rewrite expr\_hashdos\_prevention DROP  
> bind rewrite global drop\_rewrite 70 END -type REQ\_OVERRIDE
- E. > add policy expression expr\_hashdos\_prevention "http.REQ.METHOD.EQ(\"POST\") || http.REQ.CONTENT\_LENGTH.GT(10000)"  
> add responder policy pol\_resp\_hashdos\_prevention expr\_hashdos\_prevention DROP NOOP  
> bind responder global pol\_resp\_hashdos\_prevention 100 END -type REQ\_OVERRIDE

F. > add policy expression expr\_hashdos\_prevention "http.REQ.METHOD.EQ(\"POST\") || http.REQ.CONTENT\_LENGTH.GT(10000)" > add rewrite policy drop\_rewrite expr\_hashdos\_prevention DROP  
> bind rewrite global drop\_rewrite 100 END -type REQ\_OVERRIDE

**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://support.citrix.com/article/CTX131868>

### QUESTION 29

**Scenario:** A Citrix Administrator suspects an attack on a load-balancing vServer (IP address 192.168.100.25). The administrator needs to restrict access to this vServer for 10 minutes.

Which Access Control List (ACL) will accomplish this?

- A. add simpleacl rule1 DENY -srcIP 192.168.100.25 -TTL 600000
- B. add simpleacl rule1 DENY -srcIP 192.168.100.25 -TTL 600
- C. add ns acl rule1 DENY -destIP 192.168.100.25 -TTL 600000
- D. add ns acl rule1 DENY -destIP 192.168.100.25 -TTL 600



**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 30

**Scenario:** A Citrix Administrator manages an environment that has three SSL websites, all serving the same content.

www.company.com  
www.company.net  
www.company.org

The administrator would like to consolidate the websites into a single, load-balanced SSL vServer.

What can the administrator bind to use a single SSL vServer?



- A. A wildcard certificate to a single SSL vServer
- B. A wildcard certificate to a content-switching vServer
- C. The certificate of each website to a single SSL vServer
- D. A multiple SAN certificate to a single SSL vServer

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 31

When a Citrix ADC high availability (HA) pair failover occurs, by what method does the Citrix ADC communicate to the network switches and routers that IP-to-MAC address bindings have changed?

- A. Reverse ARP (RARP) to update the network devices
- B. MAC-based forwarding (MBF) to update the routers
- C. Proxy ARP to update the network devices
- D. Gratuitous ARPs (GARPs) to update the network devices



**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.citrix.com/blogs/2015/01/05/netScaler-best-practice-with-vmac-in-a-high-availability-configuration/>

### QUESTION 32

**Scenario:** A Citrix Administrator needs to integrate LDAP for Citrix ADC system administration using current active directory (AD) groups. The administrator created the group on the Citrix ADC, exactly matching the group name in LDAP.

What can the administrator bind to specify the permission level and complete the LDAP configuration?

- A. A command policy to the group
- B. A nested group to the new group
- C. Users to the group on the Citrix ADC
- D. An authentication, authorization, and auditing (AAA) action to the group

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://support.citrix.com/article/CTX123782>



<https://vceplus.com/>

