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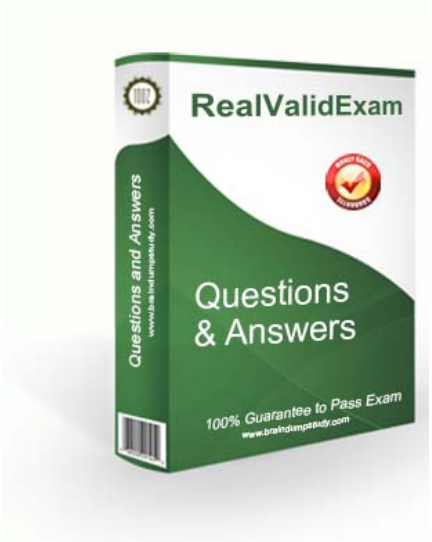

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Exam : **1Y0-241**

Title : Deploy and Manage Citrix ADC 13 with Traffic Management

Vendor : Citrix

Version : DEMO

NO.1 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)
Answer: D
Explanation
https://docs.citrix.com/en-us/citrix-adc/current-release/global-server-load-balancing/methods/dynamic-round-trip

NO.2 Scenario: A Citrix Administrator created and bound multiple content switching policies. During testing, attempts to access https://cs.mycompany.com resulted in the error message below:
HTTP 503 Service Unavailable
In a Citrix ADC configuration, what can the administrator do to fix the error?
A. Disable the spillover redirect URL.
B. Bind a certificate
C. Enable the content switching feature
D. Check the priorities of the existing policies
Answer: D
Explanation
Client receives a 503 - Service Unavailable response. Resolution Verify the URL and policy bindings. The client receives the 503 response when none of the policies you have configured is evaluated and no default load balancing virtual server is defined and bound to the content switching virtual server.

NO.3 Which setting is responsible for reducing the server load, improving response time, and increasing the number of SSL transactions per second on an SSL vServer?
A. SSLv3
B. Session timeout
C. SSLv2 redirect
D. Session reuse
Answer: D
Explanation
answer: D. Session reuse
Short Explanation with reference:
Session reuse is a feature that allows the Citrix ADC appliance to reuse an existing SSL session between the client and the server, instead of creating a new one for each request1. This reduces the server load, improves response time, and increases the number of SSL transactions per second on an SSL vServer, as the session establishment process involves expensive cryptographic operations2. Session reuse is enabled by default on the Citrix ADC appliance, but it can be disabled or configured with different options1.

1: Configuring Session Reuse | NetScaler 2: Lightboard Lessons: SSL Transactions Per Second - DevCentral - F5, Inc.

NO.4 A Citrix Administrator needs to block all DNS requests from subnet 10.107.149.0/24.
Which expressions can the administrator use to match the required traffic?
A. CLIENT.IP.SRC(10.107.149.0) && (client.UDP.DSTPORT.EQ(53) || client TCP DSTPORT.EQ(53))
B. CLIENT.IP.SRC IN_SUBNET(10 107.149.0/24) && client.UDP.DSTPORT.EQ(53) || client.TCP.DSTPORT.EQ(53)
C. CLIENT.IP.SRC(10.107.149.0) && client UDP.DSTPORT.EQ(53) || client.TCP.DSTPORT.EQ(53)
D. CLIENT.IP.SRC IN_SUBNET(10.107.149.0/24) && (client.UDP.DSTPORT.EQ(53) || client.TCP.DSTPORT.EQ(53))
Answer: D
Explanation
answer: D. CLIENT.IP.SRC IN_SUBNET(10.107.149.0/24) && (client.UDP.DSTPORT.EQ(53) || client.TCP.DSTPORT.EQ(53)) Short Explanation with reference:
An expression is a logical statement that evaluates to true or false, and can be used to match the required traffic for various purposes, such as filtering, rewriting, or load balancing. An expression can use different operators, functions, and values to specify the criteria for matching the traffic. Some of the common elements of an expression are:
CLIENT.IP.SRC: This function returns the source IP address of the client request.
IN_SUBNET: This operator checks whether an IP address belongs to a specified subnet.
&&: This operator performs a logical AND operation between two expressions.
||: This operator performs a logical OR operation between two expressions.
client.UDP.DSTPORT and client.TCP.DSTPORT: These functions return the destination port of the client request for UDP and TCP protocols, respectively.
EQ: This operator checks whether two values are equal.
In this scenario, the administrator needs to block all DNS requests from subnet 10.107.149.0/24. DNS requests are typically sent over UDP or TCP protocols, and use port 53 as the destination port. Therefore, the expression that can match this traffic is:
CLIENT.IP.SRC IN_SUBNET(10.107.149.0/24) && (client.UDP.DSTPORT.EQ(53) || client.TCP.DSTPORT.EQ(53)) This expression evaluates to true if the source IP address of the client request is in the subnet 10.107.149.0/24, and the destination port of the client request is 53 for either UDP or TCP protocol.
The other options are incorrect, as they either use the wrong function, operator, or syntax for matching the traffic. For example, option A uses the SRC function instead of the IN_SUBNET operator, which will only match a single IP address instead of a subnet. Option B uses an incorrect delimiter (space) between the subnet address and mask, which will cause a syntax error. Option C uses parentheses incorrectly, which will change the order of evaluation and result in a different meaning.
Configuring expressions | NetScaler : How to Configure an Expression to Filter Traffic - Citrix Customer Support : How to Use Operators in Expressions - Citrix Customer Support

NO.5 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
Answer: D

NO.6 Which Citrix ADC platform offers an out-of-the-box multi-tenant solution?
A. VPX
B. SDX
C. MPX
D. CPX
Answer: B
Explanation
answer: B. SDX
Short Explanation with reference: Citrix ADC SDX is a multi-tenant platform that allows multiple instances of Citrix ADC to run on a single physical appliance. Each instance is isolated from the others and has its own dedicated resources, configuration, and management. This enables service providers and enterprises to offer Citrix ADC as a service to their customers or internal departments, while maintaining security and operational consistency across any deployment12. Citrix ADC VPX, MPX, and CPX are single-tenant platforms that do not support multi-tenancy out of the box3.

NO.7 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
Answer: A
Explanation
https://support.citrix.com/article/CTX236336/ns-105how-to-configure-snmp-trap-for-servicegroupentity-state-ch

NO.8 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
Answer: D

NO.9 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
Answer: D
Explanation
During startup of a virtual server, or whenever the state of a virtual server changes, the virtual server can initially use the round-robin method to distribute the client requests among the physical servers. This type of distribution, referred to as startup round robin, helps prevent unnecessary load on a single server as the initial requests are served. After using the round-robin method at the startup, the virtual server switches to the loadbalancing method specified on the virtual server answer: D. Round-robin Short Explanation with reference:
A load-balancing vServer is a virtual server that distributes the incoming traffic among a group of services that provide the same content or functionality. A load-balancing vServer can use different load-balancing methods to select the best service for each request, based on various criteria, such as availability, performance, or load.
The least bandwidth load-balancing method selects the service that is currently handling the least amount of traffic, measured in megabits per second.
However, during the startup of a vServer, the least bandwidth load-balancing method is not used by default.
This is because the Citrix ADC appliance does not have enough data to calculate the bandwidth usage of each service at the beginning. Therefore, the appliance uses the round-robin load-balancing method by default, which selects the services in a circular order, without any weighting or priority.
The round-robin load-balancing method is also used as a fallback method when other load-balancing methods fail or are not applicable.
Therefore, the correct answer is D. Round-robin.
Load balancing methods | NetScaler : How Load Balancing Methods Work - Citrix Customer Support

NO.10 Scenario: A Junior Citrix Administrator needs to create a content switching vServer on a Citrix ADC high availability (HA) pair. The NSIP addresses are 192.168.20.10 and 192.168.20.11. The junior administrator connects to NSIP address 192.168.20.10 and saves the changes.
The following day, a Senior Citrix Administrator tests the new content switching vServer, but it is NOT

working. The senior administrator connects to the HA pair and discovers that everything the junior administrator configured is NOT visible.
Why has the Citrix ADC lost the newly added configurations?
A. The junior administrator made the changes and did NOT force a failover to save the configuration.
B. The junior administrator connected to the NSIP of the secondary Citrix ADC in the HA pair.
C. Both Citrix ADCs in the HA pair restarted overnight.
D. The Citrix ADC appliances have different firmware versions.
Answer: B
Explanation
"You are connected to the secondary node..." when first login to the NSIP and after saving the configuration

NO.11 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
Answer: D