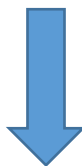


Citrix Networking Certification 1Y0-230 Exam



- Vendor: Citrix
- Exam Code: 1Y0-230
- Exam Name: Citrix NetScaler 12 Essentials and Unified Gateway

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QUESTION 1

Scenario:

A Citrix Administrator configured the "-denySSLReneg" parameter using the below command on NetScaler to enhance security:

```
set ssl parameter -denySSLReneg <option>
```

Which two options can the administrator use to complete the command? (Choose two.)

- A. NO
- B. NONSECURE
- C. ALL
- D. HIGHSECURE
- E. FRONTEND_CLIENT

Answer: DE

QUESTION 2

Scenario:

A Citrix Administrator was notified that all contractor user IDs will start with the prefix "con". Currently, SmartControl is used to restrict access to peripherals. Which expression can the administrator use to accomplish this requirement?

- A. HTTP.REQ.USERNAME.CONTAINS('con').NOT
- B. HTTP.REQ.USER.IS_MEMBER_OF("con").NOT
- C. HTTP.REQ.USER.IS_MEMBER_OF("con")
- D. HTTP.REQ.USERNAME.CONTAINS("con")

Answer: A

QUESTION 3

Scenario:

A Citrix Administrator needs to create local user accounts for other administrators with limited privileges. The other administrators will need only:

- * Read-only access
- * The ability to enable and disable services and servers

Which built-in Command Policy permission level can the administrator use?

- A. Network
- B. Operator
- C. Sysadmin
- D. Read-Only

Answer: C

QUESTION 4

Scenario:

A Citrix Administrator has given permissions to team members to access their own admin partition, so they can add resources for different departments and manage them without making changes to the default NetScaler partition and configuration. One team member was trying to use the command-line interface to troubleshoot an authentication issue and could NOT use aad.debug. However, the team member has full permissions on the admin partition. What can be the cause of this issue?

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

D. The team member is NOT using the CLI correctly.

Answer: A

QUESTION 5

Which three services can the StoreFront monitor probe to determine the state of the Storefront server? (Choose three.)

- A. Default Domain
- B. Discovery
- C. Authentication
- D. Subscription
- E. Account

Answer: CDE

QUESTION 6

A Citrix Administrator would like to define granular policies to configure and enforce user environment attributes for XenApp and XenDesktop on NetScaler Gateway. Which type of policy would enable this requirement?

- A. SmartAccess
- B. SmartControl
- C. Authorization
- D. Session

Answer: A

QUESTION 7

In which two ways can a Citrix Administrator configure SmartAccess? (Choose two.)

- A. Enable Workspace Control within StoreFront.
- B. Update XML Service Trust to set-BrokerSite -TrustRequestsSentToTheXMLServicePort \$True.
- C. Update the XML Service Trust in the XenDesktop database manually.
- D. Ensure that the SmartAccess filter name on the Delivery Group matches the NetScaler Gateway policies.

Answer: D

QUESTION 8

A Citrix Administrator is configuring a NetScaler high availability (HA) pair and needs to ensure that one NetScaler is UP and primary at all times to ensure the business websites are always available. What does the administrator need to do to ensure that the NetScalers still handle web traffic in the event that both nodes become unavailable or fail a health check?

- A. Disable HA Fail-safe mode on the Secondary NetScaler.
- B. Configure HA Fail-safe mode on each NetScaler independently.
- C. Disable HA Fail-safe mode on the Primary NetScaler only.
- D. Configure HA Fail-safe mode on the Primary NetScaler only.

Answer: A

QUESTION 9

Which type of entity can a Citrix Administrator configure to support the use of an SSL rewrite policy?

- A. Global server load balancing virtual server
- B. Content Switching virtual server
- C. SSL load balancing virtual server
- D. SSL_Bridge load balancing virtual server

Answer: C

QUESTION 10

Scenario:

A Citrix Administrator entered the command-line interface commands below to prevent IP address 10.10.10.100 from accessing the NetScaler on port 80.

```
add simpleacl rule1 DENY -srcIP 10.10.10.100 -TTL 600
add simpleacl rule2 DENY -srcIP 10.10.10.100 -destPort 80
add ns acl rule1 DENY -srcIP 10.10.10.100 -priority 10
add ns acl rule2 DENY -srcIP 10.10.10.100 -priority 100
apply ns acls
```

Which Access Control List (ACL) will the NetScaler use to deny the IP address?

- A. add ns acl rule1 DENY -srcIP 10.10.10.100 -priority 10
- B. add simpleacl rule1 DENY -srcIP 10.10.10.100 -TTL 600
- C. add simpleacl rule2 DENY -srcIP 10.10.10.100 -destPort 80
- D. add ns acl rule2 DENY -srcIP 10.10.10.100 -priority 100

Answer: B

QUESTION 11

Which two options would provide an end-to-end encryption of data, while allowing the NetScaler to optimize the responses? (Choose two.)

- A. HTTP protocol for the virtual server
- B. SSL Bridge protocol for the virtual server
- C. HTTP protocol for the services
- D. SSL protocol for the virtual server
- E. SSL protocol for the services
- F. SSL Bridge protocol for the services

Answer: BC

QUESTION 12

Scenario:

A Citrix Administrator needs to integrate LDAP for NetScaler system administration using the current Active Directory groups. The administrator created the group on the NetScaler exactly matching the group name in LDAP. What can the administrator add next to complete the configuration of the LDAP?

- A. Users to the group on the NetScaler
- B. An AAA action to the group
- C. A command policy to the group to specify the permission level
- D. A nested group to the new group

Answer: A

QUESTION 13

To which three bind points can a Citrix Administrator bind a session policy, to enable Clientless access? (Choose three.)

- A. Group
- B. Service
- C. Service Group
- D. User
- E. Virtual server

Answer: BCD

QUESTION 14

A Citrix Administrator needs to configure a setup with a single URL so that users can log on once and achieve seamless single sign-on to the NetScaler Gateway virtual server and web application being load balanced on the NetScaler. Which type of virtual server can the administrator configure to fulfill this requirement?

- A. GSLB
- B. AAA
- C. Unified Gateway
- D. Load Balancing

Answer: B

QUESTION 15

Scenario:

A Citrix Administrator notices user sessions are disconnecting and reconnecting more often this week than last week, signaling a problem. The administrator troubleshoots this issue and prepares to resolve it using persistence. However, the following considerations apply in the environment:

- It is a multi-proxy environment behind the NetScaler.
- USIP mode is enabled and applied to the services.
- The session timeout is very short.
- All users connect from the same location.

The administrator can use persistence based on the ____ setting to resolve this issue. (Choose the correct option to complete the sentence.)

- A. HTTP Cookies
- B. Proximity
- C. SSL Session IDs
- D. Subnet IP

Answer: D

QUESTION 16

Scenario:

A Citrix Administrator of a Linux environment needs to load-balance the web servers in an environment. However, due to budget constraints, the administrator is NOT able to implement a full-scale solution. What can the administrator do to load-balance the web servers in this scenario?

- A. Install a NetScaler CPX.
- B. Purchase NetScaler MPX.
- C. Purchase a NetScaler SDX.
- D. Install NetScaler VPX.

Answer: A

QUESTION 17

A Citrix Administrator needs to create a customized blacklist of IP addresses to supplement the Webroot reputation check, and in order to have stricter access through NetScaler. How can the administrator create this blacklist?

- A. Create several extended Access Control List policies
- B. Create a data set for IPv4 address matching
- C. Enable MAC-based Forwarding
- D. Create several simple Access Control List policies

Answer: A

QUESTION 18

Scenario:

A NetScaler has two interlaces as 1/1 and 1/2 with MAC-based Forwarding enabled, below are the specifications:

- Interlace 1/1 and IP 192.168.10.10 is bound to VLAN 10
- On Interlace 1/2 VLAN 20 and VLAN 30 are tagged
- VLAN 20 is bound to IP 192.168.20.10 and VLAN 30 is bound to 192.168.30.10

The NetScaler receives a packet for VIP 192.168.30.30 on interface 1/1. Which interlace of NetScaler will send a reply back in this environment?

- A. Interface 1/1
- B. NetScaler will drop the packet received on interface 1/1
- C. Interface 1/2
- D. NetScaler will reply on interfaces 1/1 and 1/2

Answer: C

QUESTION 19

A Citrix Administrator receives user complaints about latency while accessing an application that is being load-balanced on the NetScaler. Which tool can the administrator use to gather information regarding Response time, Client network latency and Server-side processing time?

- A. aaad debug
- B. WAN Insight
- C. NetScaler Management and Analytics System (MAS)
- D. HDX Insight

Answer: C

QUESTION 20

A Citrix Administrator needs to utilize the client IP address as the source IP address for the NetScaler to server connections. Which mode on the NetScaler will the administrator utilize to meet this requirement?

- A. Layer 2
- B. USIP
- C. Layer 3
- D. USNIP

Answer: B

QUESTION 21

Scenario:

A NetScaler Gateway provides ICA Proxy to an internal XenDesktop site in an environment. The security team wants the Citrix Administrator to configure the NetScaler to block client drives if the client device fails a security scan. Which NetScaler feature allows the administrator to satisfy the security team's requirements without making any changes to the XenDesktop configuration?

- A. Traffic Policy
- B. SmartAccess
- C. SmartControl
- D. Authorization Policy

Answer: D

QUESTION 22

Scenario:

A Citrix Administrator needs to configure a NetScaler Gateway virtual server in order to meet the security requirements of the organization. The administrator needs to configure timeouts for end-user sessions, to be triggered by the following behaviors:

- * Inactivity for at least 15 minutes
- * No keyboard or mouse activity for at least 15 minutes

Which two timeout settings can the administrator configure to meet the requirements? (Choose two.)

- A. Client Idle Time-out set to 15
- B. Forced Time-out set to 15
- C. Client Idle Time-out set to 900
- D. Session Time-out set to 15
- E. Session Time-out set to 900
- F. Forced Time-out set to 900

Answer: BD

QUESTION 23

Which NetScaler feature can a Citrix Administrator use to create a custom footer for a NetScaler Gateway login page?

- A. Rewrite
- B. SmartAccess
- C. HTTP Callout
- D. Responder

Answer: A

QUESTION 24

After creating and correctly configuring a custom user monitor, from where do the monitor probes originate by default?

- A. Subnet IP address
- B. NetScaler IP address
- C. Mapped IP address
- D. Virtual IP address

Answer: D

QUESTION 25

Scenario:

A Citrix administrator configured a new NetScaler Unified Gateway. The administrator would like to see what Endpoint Analysis and Single Sign-on failures have occurred since implementing the new Gateway. Which tool can the administrator use to see this data?

- A. NetScaler Dashboard
- B. MAS Gateway Insight
- C. aaad.debug
- D. MAS Security Insight

Answer: A

QUESTION 26

Which two options should a Citrix Administrator consider when adding a secondary device in a high availability (HA) pair? (Choose two.)

- A. The Independent Network Configuration (INC) mode should be enabled.
- B. Both the devices should have different SNIP addresses.
- C. The nsroot password should be same on both nodes.
- D. HA Monitoring should be disabled on all the unused interfaces.
- E. Configure the HA status of the Primary Node as STAYPRIMARY.

Answer: AB

QUESTION 27

Scenario:

A Citrix Administrator suspects an attack on a load-balancing virtual server. The administrator needs to restrict access to the load-balancing virtual server (192.168.100.25) for 10 minutes. Which Access Control List (ACL) will help to accomplish this requirement?

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

Answer: C

QUESTION 28

Scenario:

A Citrix Administrator has a NetScaler SDX appliance with several instances configured. The administrator needs one instance with two interfaces connected to forward packets that are NOT destined for its MAC address. Hence, the administrator has enabled Layer 2 mode. After enabling Layer 2 mode, the administrator found the interface status going up and down. What can the administrator perform to resolve this issue?

- A. Disable Layer 2 mode on a NetScaler instance.
- B. Enable MAC-based Forwarding mode.
- C. Enable tagging on all interfaces.
- D. Enable Layer 3 mode along with Layer 2 mode.

Answer: C

QUESTION 29

Which two features can a Citrix Administrator use to allow secure external access to a sensitive company web server that is load-balanced by the NetScaler? (Choose two.)

- A. ICA proxy
- B. Integrated caching
- C. Application Firewall
- D. AppFlow
- E. AAA

Answer: AE

QUESTION 30

Which two components need to be configured for SmartAccess? (Choose two.)

- A. Configuration logging
- B. XenDesktop policies
- C. XML Trust
- D. StoreFront server groups

Answer: CD

QUESTION 31

Scenario:

A user is attempting to access a web server, which is load-balanced by the NetScaler using HTTPS. The user received the following message:

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 the intermediate Certificate is linked to the Server Certificate.
- B. Ensure that the user has the Server Certificate installed.
- C. Ensure that the intermediate Certificate is linked to the Root Certificate.
- D. Ensure that the user has the Certificate's Public key.

Answer: C

QUESTION 32

What does a Citrix Administrator need to do on NetScaler Gateway to ensure that users accept the terms and conditions before they can log on using NetScaler Gateway?

- A. Configure a Responder policy.
- B. Upload an HTML file to the NetScaler appliance.
- C. Create an end user license agreement (EULA).
- D. Configure a Rewrite policy.

Answer: A

QUESTION 33

Which type of policy can be applied to a NetScaler Gateway virtual server to limit access to XenDesktop resources, if the user device does NOT comply with the company's security requirements?

- A. Responder
- B. Authorization
- C. Session
- D. Traffic

Answer: D

QUESTION 34

Which mode does a Citrix Administrator need to configure in order to allow the NetScaler to forward any packets that are NOT destined for an IP address which is NOT configured on NetScaler?

- A. Layer 3
- B. USIP
- C. Layer 2
- D. MAC-based Forwarding

Answer: C

QUESTION 35

How can a Citrix Administrator provide two-factor authentication with tokens in a XenDesktop with NetScaler Gateway environment?

- A. Create a SAML IDP policy and bind it to the existing virtual server.
- B. Configure a TACACS authentication policy and bind it to the existing virtual server.
- C. Configure a RADIUS authentication policy and bind it to the existing virtual server.
- D. Create an authorization policy and bind it to the existing virtual server.

Answer: B

QUESTION 36

A Citrix Administrator needs to ensure that a revoked certificate is NOT being used for client certificate authentication. Which two entities can the administrator select on the NetScaler? (Choose two.)

- A. Online Certification Status Protocol
- B. Certificate Revocation List
- C. Subject Alternative certificates
- D. Server Name Indication

Answer: CD

QUESTION 37

Scenario:

A Citrix Administrator configured SNMP to send traps to an external SNMP system. When reviewing the messages, the administrator noticed several entity UP and entity DOWN messages. To what are these messages related?

- A. High availability synchronization
- B. Load balancing virtual servers
- C. High availability heartbeats
- D. Network interface

Answer: B

QUESTION 38

A Citrix Administrator has deployed a new NetScaler MPX appliance in the demilitarized zone (DMZ) with one interface in the DMZ and the other on the internal network. In which mode should the administrator deploy the NetScaler?

- A. One-Arm
- B. Two-Arm

- C. Forward Proxy
- D. Transparent

Answer: C

QUESTION 39

Scenario:

A NetScaler appliance is having intermittent issues. A Citrix Administrator is unable to identify the root cause and fix them. The administrator opened a Support ticket and the engineer assigned to the case requested all the logs and configuration information from the NetScaler. Which technical support tool can the administrator use to gather all the information on the NetScaler to send to the Support Engineer?

- A. Generate Support File
- B. Batch Configuration
- C. Start New Trace
- D. Get Back Trace

Answer: C

QUESTION 40

Which option is needed to configure the NetScaler Gateway to provide users with multiple logon options after successful authentication, if the users are connected through clientless access?

- A. Client choices without using Endpoint Analysis
- B. Configuration of Endpoint Analysis
- C. Configuration of Quarantine Group
- D. Client choices options with mandatory Endpoint Analysis

Answer: B

QUESTION 41

Users are experiencing resets from the Intranet server website, which is load-balanced through the NetScaler. Which NetScaler tool can a Citrix Administrator use to troubleshoot the reset issue?

- A. Take a packet trace with nstrace and analyze with WireShark.
- B. Look in the Event Viewer for packet resets from the NetScaler.
- C. View the new nslog from the command-line interface to look for packet resets from the NetScaler.
- D. Use the nslog to look for packet resets on the NetScaler.

Answer: A

QUESTION 42

How can a Citrix Administrator configure session policies for the Authentication, Authorization and Auditing Traffic Management (AAA-TM) sessions if the authentication virtual server is specified in a Unified Gateway setup?

- A. The session policies can be defined only for the NetScaler Gateway virtual server.
- B. The AAA-TM session policies are bound to the virtual server.
- C. The AAA-TM sessions inherit the NetScaler Gateway session policies.
- D. The AAA-TM session policies need to be bound as default global.

Answer: A

QUESTION 43

Scenario:

A company recently acquired three smaller companies; this adds more than 1500 employees to the company. The current NetScaler appliance does NOT support adding that many users. A Citrix Administrator needs to use a Multi-Tenancy solution, giving each newly acquired company its own NetScaler for VPN access, load balancing, and at least 20Gbps of throughput. How can the administrator meet the needs of this environment?

- A. Install XenServer and configure a NetScaler VPX 3000 for each newly acquired company.
- B. Purchase a NetScaler MPX appliance for each newly acquired company.
- C. Purchase a NetScaler CPX for each newly acquired company.
- D. Purchase a NetScaler SDX appliance and configure a NetScaler Instance for each newly acquired company.

Answer: C

QUESTION 44

Scenario:

Client connections to certain virtual servers are abnormally high. A Citrix Administrator needs to be alerted whenever the connections pass a certain threshold. How can the administrator use NetScaler Management and Analytics System (MAS) to accomplish this requirement?

- A. Configure SMTP Reporting on the NetScaler MAS by adding the threshold and email address.
- B. Configure specific alerts for virtual servers using NetScaler MAS.
- C. Configure TCP Insight on the NetScaler MAS.
- D. Configure Network Reporting on the NetScaler MAS by setting the threshold and email address.

Answer: A

QUESTION 45

A Citrix Administrator needs to generate AppFlow data for internal ICA connections. Which two connection methods could the administrator use to route internal ICA connections through NetScaler without modifying the existing network routing? (Choose two.)

- A. Policy-based Routing
- B. ICA Proxy
- C. SOCKS proxy
- D. Transparent Mode

Answer: AB

QUESTION 46

Which three NetScaler features can a Citrix Administrator use for default syntax policies? (Choose three.)

- A. SSL
- B. Rewrite
- C. Integrated caching
- D. Protection
- E. Responder

Answer: ACE

QUESTION 47

Which two deployment methods does remote desktop protocol (RDP) proxy support? (Choose two.)

- A. ICA proxy
- B. Two hops
- C. Optimal Gateway
- D. CVPN

Answer: AD

QUESTION 48

Scenario:

A NetScaler MPX appliance has become unresponsive while using the GUI. A Citrix Administrator needs to restart the appliance and force a cote dump for analysis. What can the administrator do to accomplish this?

- A. Use the NMI button on the back of the appliance.
- B. Connect to the USB port to issue a restart command.
- C. Use the reset button on the front of the appliance.
- D. Turn off the appliance using the power button.

Answer: B

QUESTION 49

A Citrix Administrator needs to configure single sign-on to a StoreFront server using an external, secure single URL. Which type of virtual server can the administrator use to meet this requirement?

- A. Load Balancing
- B. Content Switching
- C. VPN
- D. Unified Gateway

Answer: C

QUESTION 50

Scenario:

A NetScaler is configured with the following modes:

- * MAC-based Forwarding
- * USIP
- * USNIP
- * Layer 3 mode

A Citrix Administrator configured a new router and now requires some of the incoming and outgoing traffic to take different paths through the new router. However, the administrator notices that this is failing and takes a network trace. After a short monitoring period, the administrator notices that the packets are still NOT getting to the new router from the NetScaler. Which mode should the administrator disable on the NetScaler to facilitate the addition of the new router and successfully route the packets?

- A. MAC-based Forwarding
- B. USIP
- C. Layer 3 mode
- D. USNIP

Answer: B

QUESTION 51

Scenario:

A Citrix Administrator found that whenever a NetScaler VPX high availability (HA) pair of appliances

fails over, the load balanced websites are NOT accessible The administrator investigated the issue and found that the router and switches do NOT support gratuitous ARP (GARP) However, the administrator cannot immediately afford to upgrade the network infrastructure. What can the administrator do immediately to resolve the issue and prevent a future outage?

- A. Migrate the VPX pair to different hypervisor hosts
- B. Replace the NetScaler VPX appliances with NetScaler MPX appliances
- C. Configure a Virtual MAC (VMAC) on the NetScaler
- D. Utilize IPv6 instead of IPv4

Answer: B

QUESTION 52

Scenario:

A Citrix Administrator is deploying a new NetScaler device and would like to add the NTP server to this appliance Currently, the NTP service is configured at 192.168.55.54. Which command-line interface command can the administrator use to complete this task?

- A. Add ntp server 192.168.55.54
- B. Add server ntp 192.168.55.54
- C. Add servicegroup NTP UDP
- D. Add service NTP 192.168.55.54 UDP 123

Answer: C

QUESTION 53

Scenario:

Users belong to three Authentication, Authorization and Auditing (AAA) groups: Corporate, Finance and Software.

```
show aaa groups:  
> show aaa group  
1. GroupName: Corporate  
2. GroupName: Finance  
3. GroupName: Software  
Done  
> show aaa group Corporate  
GroupName: Corporate  
Weight: 0  
Authorization Policy: pol_1  
Type: Classic  
Priority: 0  
> add authorization policy pol_1 ns_true ALLOW  
> bind aaa group Corporate -policy pol_1
```

The user is being denied resources while aaad.debug shows: Group 'corporate' being extracted for user User1. Why is the user being denied access?

- A. The Authorization policy is NOT configured property.
- B. The group attribute is NOT configured in the LDAP policy.
- C. AAA group names are NOT the same as those in Active Directory.
- D. LDAP Base DN is incorrect.

Answer: C

QUESTION 54

Scenario:

A Citrix Administrator is configuring load balancing on a NetScaler appliance for the company web servers. The administrator needs to create a custom monitor that will look for a specific keyword response from the website and will be used to keep the services in an UP state. Which type of monitor can the administrator create to accomplish this scenario?

- A. An HTTP-ECV monitor with the keyword in the Special Parameters -Receive String field.
- B. A custom TCP-ECV monitor with the keyword in the Special Parameters -Receive String field.
- C. An HTTP monitor with the keyword in the Special Parameters -Response Codes field.
- D. A TCP monitor with the keyword in the Special Parameters -Response Codes field.

Answer: C

QUESTION 55

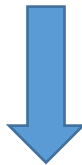
Scenario:

A Citrix Administrator is concerned about the amount of health checks the NetScaler is sending to the back-end resources. The administrator would like to find a way to remove health checks from specific bound services. How can the administrator accomplish this?

- A. Use reverse condition monitoring.
- B. Use Service Groups to minimize health checks.
- C. Unbind the current monitor.
- D. Use the No-Monitor Option.

Answer:

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