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Citrix NetScaler 12 Essentials and Unified Gateway

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QUESTION 1

In an environment which requires secure user access, a Citrix Administrator configures Authentication, Authorization and Auditing (AAA) to redirect a user to the logon page.

Which four steps are required to complete the authentication process? (Choose four.)

- A. Configure a syslog server to capture invalid logon attempts?
- B. Verify that the user is authorized to access specific intranet content
- C. Collect the user's credentials to cache them in a directory that is accessible through LDAP
- D. Log the user accesses, including invalid login attempts, in an audit log
- E. Create a load-balancing virtual server to redirect for secure access
- F. Maintain a session timeout, after which users must authenticate again to regain access to the intranet
- G. Apply specified two-factor authentication method

Correct Answer: CEFG

QUESTION 2

Scenario: A Citrix Administrator currently manages a NetScaler environment in a retail company that is growing quickly and may soon double its volume of business. Currently, a NetScaler MPX 5550, which handles web and SSL transactions, is in place, but is closed to full capacity. Due to the forecasted growth increase, the administrator needs to find a cost-effective solution. What can the administrator recommend to management in order to cost effectively handle the growth?

- A. Upgrade to NetScaler MPX 5650
- B. Upgrade to NetScaler MPX 8005
- C. Upgrade to NetScaler SDX 14100
- D. Add a second MPX 5550 appliance

Correct Answer: C

QUESTION 3

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

Correct Answer: A

QUESTION 4

While troubleshooting an SSL issue on one of the SSL-based virtual servers, a Citrix Administrator noticed that the data captured from the TCP dump was showing in plain text.

What could be the cause of this issue?

- A. No SSL cipher suite was selected
- B. The SSL Certificate expired
- C. The selected cipher suite is obsolete
- D. Misconfiguration of the TCP profile

Correct Answer: A

QUESTION 5

Scenario: A Citrix Administrator entered the command-line interface commands below to prevent IP address 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  
acIs
```

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



Correct Answer: B

QUESTION 6

Which scenario will cause automatic high availability (HA) synchronization to fail?

- A. Different build versions
- B. A configuration change to the primary Citrix ADC
- C. A force failover
- D. Manually forced synchronization

Correct Answer: B

QUESTION 7

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

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

Correct Answer: AC

QUESTION 8

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.

Correct Answer: D



Reference: <http://www.carlstalhood.com/netscaler-management-and-analytics-system-mas-12/>

QUESTION 9

Scenario: IT administrators working from remote locations, need to connect securely to internal Windows servers to manage the servers. Below are the connection requirements: The remote client devices must be locked down, preventing installation of any additional software Users must authenticate at Citrix Gateway and Citrix Gateway must perform Single Sign-on to the Windows servers Connection capabilities (for example, client drive mapping) must be controlled by Citrix Gateway

Which connection method can a Citrix Administrator configure to meet these requirements?

- A. RDP Proxy
- B. Clientless VPN
- C. Full VPN
- D. Micro VPN

Correct Answer: A

Reference: <https://docs.citrix.com/en-us/netscaler-gateway/12/rdp-proxy.html>

QUESTION 10

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.

Correct Answer: C

QUESTION 11

Which mode on the NetScaler can a Citrix Administrator utilize to avoid asymmetrical packet flows and multiple route/ARP lookups?

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



Correct Answer: C

Explanation: MAC-based forwarding can be used to avoid multiple-route/ARP lookups and to avoid asymmetrical packet flows. Reference: <https://docs.citrix.com/en-us/netscaler/11/networking/interfaces/configuring-mac-based-forwarding.html>

QUESTION 12

Which three Unified Gateway elements can be configured by the Unified Gateway Wizard? (Choose three.)

- A. Responder policy for HTTP to HTTPS redirect
- B. A primary and any optional secondary authentication configuration
- C. The Unified Gateway primary virtual server
- D. Rewrite policy for HTTP to HTTPS redirect
- E. An SSL Server Certificate for the Unified Gateway virtual server

Correct Answer: BCE

Reference: <https://docs.citrix.com/en-us/netscaler-gateway/12/unified-gateway.html>

QUESTION 13

Scenario: A Citrix Administrator manages an environment that has an externally accessible website. The administrator would like to provide end-to-end encryption and use features such as caching and compression on the NetScaler.

Which setting in SSL offload should the administrator configure to meet this requirement?

- A. SSL_TCP front-end, TCP back-end
- B. SSL front-end, HTTP back-end
- C. SSL_TCP front-end, SSL_TCP back-end
- D. SSL front-end, SSL back-end

Correct Answer: C

Reference: <https://docs.citrix.com/en-us/netscaler/12/ssl/other-tcp-protocols.html>

QUESTION 14

What are two pre-requisites for configuring SmartAccess policies on a NetScaler Gateway virtual server? (Choose two.)



- A. Universal License
- B. Pre- or Post-Endpoint Analysis configuration policy
- C. Smart card configuration policy
- D. Standard License

Correct Answer: AB

Make sure the Prerequisites are completed. This includes: ICA Only unchecked, Gateway Universal licenses installed, Callback URL configured at StoreFront, and Trust XML enabled on Delivery Controllers.

If you are using a Preauthentication Policy to run an Endpoint Analysis scan:

Reference: <https://www.carlstalhood.com/smartaccess-smartcontrol-netscaler-gateway-12/>

QUESTION 15

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

Correct Answer: B

Reference: <https://docs.citrix.com/en-us/netscaler/10-1/ns-system-wrapper-10-con/ns-ag-aa-intro-wrappercon/ns-ag-aa-config-users-and-grps-tsk.html>

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