

Vendor: Citrix

Exam Code: 1Y0-351

Exam Name: Citrix NetScaler 10.5 Essentials for Networking

Q&As: Demo

QUESTION 1

A NetScaler Engineer has created a new custom user monitor script and needs to place it in the NetScaler filesystem for use.

Where must the engineer place the custom script so that it is available for use?

- A. /nsconfig/monitors
- B. /netscaler/monitors
- C. /var/nstemp/monitors
- D. /netscaler/monitors/perl_mod

Correct Answer: A

QUESTION 2

What are the supported protocols for management authentication?

- A. LOCAL, LDAP, and SAML
- B. RADIUS, LDAP and TACACS+
- C. CERTIFICATE, LDAP and SAML
- D. RADIUS, TACACS+ and CERTIFICATE

Correct Answer: B

QUESTION 3

Scenario: A NetScaler Engineer has discovered that the object home.php is NOT found in the cache on the system.

Below is the relevant configuration:

```
add cache contentGroup cache_content_group_1 -relExpiry 0

add cache policy cache_pol_1 -rule "http.REQ.URL.CONTAINS(\"home.php\")" -action MAY_CACHE -storeInGroup cache_content_group_1

add cache policy cache_pol_2 -rule "http.REQ.METHOD.EQ(\"GET\")" -action NOCACHE

add cache policy cache_pol_3 -rule "HTTP.RES.HEADER(\"Set-Cookie\").EXISTS" -action NOCACHE

bind cache global cache_pol_1 -priority 90 -gotoPriorityExpression END -type REQ_OVERRIDE

bind cache global cache_pol_2 -priority 100 -gotoPriorityExpression END -type REQ_OVERRIDE

bind cache global cache_pol_3 -priority 100 -gotoPriorityExpression END -type RES_OVERRIDE
```

The data from the client and the server are as following:

```
GET /home.php HTTP/1.1

Host: www.website.com

User-Agent: Mozilla Firefox/3.0.3

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Language: en-us,en;q=0.5

Accept-Encoding: gzip,deflate

Accept-Charset: ISO-8859-1,utf-8;q=0.7,*;q=0.7
```

Keep-Alive: 300

Connection: keep-alive

Date: Thu, 09 Oct 2014 18:25:00 GMT

Cookie: sessionid=100xyz

HTTP/1.1 200 OK

Date: Thu, 09 Oct 2014 18:25:00 GMT

Server: Apache/2.2.3 (Fedora)

Last-Modified: Wed, 09 Jul 2014 21:55:36 GMT

ETag: "27db3c-12ce-5e52a600"

Accept-Ranges: bytes

Cache-Control: private, max-age=0

Set-Cookie: sessionid=100xyz; expires=Thu, 09-Oct-2014 18:30:00 GMT; path=/

Content-Length: 119

Connection: close

Content-Type: text/html; charset=UTF-8

Why does the object NOT persist in the cache?

- A. The request is a GET request.
- B. The response has Set-Cookie.
- C. The content group is missing a cache selector.
- D. The content group has been configured with relExpiry 0.

Correct Answer: B

QUESTION 4

Which two authentication types on the NetScaler support password changes? (Choose two.)

- A. TACACS+
- B. LDAP (TLS)
- C. LDAP (SSL)
- D. RADIUS (PAP)
- E. LDAP (PLAINTEXT)
- F. RADIUS (MSCHAPv2)

Correct Answer: BC

QUESTION 5

Scenario: A NetScaler Engineer is viewing Authentication, Authorization and Access (AAA) events on the NetScaler appliance to determine why a user is unable to log on. The events below have been logged during this timeframe:

Fri Oct 17 18:17:16 2014

```
/usr/home/build/rs_80_48/usr.src/usr.bin/nsaaad/../../netscaler/aaad/ldap_drv.c[40]:  
start_ldap_auth attempting to
```

auth scottli @ 10.12.33.216

Fri Oct 17 18:17:18 2014

```
/usr/home/build/rs_80_48/usr.src/usr.bin/nsaaad/../../netscaler/aaad/ldap_drv.c[291]:  
recieve_ldap_bind_event receive ldap bind event
```

Fri Oct 17 18:17:18 2014

```
/usr/home/build/rs_80_48/usr.src/usr.bin/nsaaad/../../netscaler/aaad/ldap_drv.c[326]:
```

```
recieve_ldap_bind_event ldap_bind with binddn bindpw failed:Invalid credentials Fri Oct 17  
18:17:18 2014 /usr/home/build/rs_80_48/usr.src/usr.bin/nsaaad/../../netscaler/aaad/naaad.c[1198]:  
send_reject sending reject to kernel for : scottli
```

What is the root cause of this issue?

- A. The LDAP Base DN is incorrect.
- B. The Bind DN credentials are invalid.
- C. The LDAP server is NOT responding.
- D. The user has entered an invalid password.

Correct Answer: B

QUESTION 6

A company has an external-facing web application that requires end-to-end encryption and Layer-7 functionality.

Which protocol type would an engineer choose for the virtual server and service?

- A. SSL
- B. SSL_TCP
- C. SSL_PUSH
- D. SSL_BRIDGE

Correct Answer: B

QUESTION 7

Scenario: A NetScaler Engineer has enabled the HTTP Compression feature on an existing production NetScaler. The engineer is using the built-in policies. The engineer reviews the HTTP Compression statistics but does NOT see any compression statistic data.

What is the likely reason?

- A. SSL protocol is being used for encryption.
- B. The Compression Policy engine is set to default.
- C. "Allow Server side compression" is checked on the NetScaler.
- D. Responses with the Content-Length or Chunked header are being sent from the server.

Correct Answer: C

QUESTION 8

Which two of the listed statements are true about Access Control Lists (ACLs) on the NetScaler? (Choose two.)

- A. Extended ACLs may BRIDGE traffic.
- B. Simple ACLs are bound on ALL interfaces.
- C. Extended ACLs are evaluated after creation.
- D. Simple ACLs are processed after Extended ACLs.

Correct Answer: AB

QUESTION 9

What is the purpose of the SSL Certificate Authority (CA) root certificate during an SSL connection?

- A. SSL Cipher Exchange
- B. Session Key Exchange
- C. Pre Shared Master Secret Generation
- D. Server Certificate Signature Verification

Correct Answer: A

QUESTION 10

In order to create a three-node NetScaler cluster, all nodes must _____ and _____. (Choose the two correct options to complete the sentence.)

- A. be physical appliances
- B. have Platinum licensing
- C. be using the same build
- D. be the same platform model

Correct Answer: CD

QUESTION 11

Scenario: A NetScaler Engineer has been tasked with reconfiguring an existing NetScaler deployment. The engineer is currently running a high-availability (HA) pair of NetScaler 10.5 appliances, but the Vice President of IT has requested a more efficient way of preserving and balancing network resources and throughput while having a single point of management for the NetScaler appliances.

What should the engineer configure to satisfy the requirements outlined by the Vice President of IT?

- A. Switch from traditional HA to -INC mode HA.
- B. Break the HA pair and configure clustering instead.
- C. Break the HA pair and configure three standalone NetScaler nodes.
- D. Leave HA enabled and increase bandwidth to both NetScaler nodes.

Correct Answer: B

QUESTION 12

A NetScaler Engineer plans to deploy a third-party application that will perform scheduled configuration auditing by using NITRO API with a REST interface.

Which management protocol should the engineer enable to allow NITRO API access?

- A. SSH
- B. HTTP
- C. Telnet
- D. SNMP

Correct Answer: B

QUESTION 13

Traffic to which destination is sourced from the NetScaler IP (NSIP) by default?

- A. NTP servers
- B. Clients on the Internet
- C. Load-balanced web services
- D. Load-balanced authentication services

Correct Answer: A

QUESTION 14

Scenario: A NetScaler Engineer configures COOKIEINSERT persistence method for an HTTP VServer named 'myApp'. Many clients do NOT allow the persistence cookie to be set and application sessions fail as a result. All clients are behind a network address translation (NAT) gateway, which will insert the client IP address into an HTTP header called X-Forwarded-For.

Which command could the engineer execute to provide persistence for clients while still distributing the requests across the bound services?

- A. set lb vserver myApp -persistenceType SOURCEIP
- B. set lb vserver myApp -persistenceType NONE -lbmethod SRCIPDESTIPHASH
- C. set lb vserver myApp -persistenceType COOKIEINSERT -timeout 0 -cookieName X-Forwarded- For
- D. set lb vserver myApp -persistenceType NONE -lb method TOKEN -rule "HTTP.REQ.HEADER("\X Forwarded-For").VALUE(0)

Correct Answer: D

QUESTION 15

Scenario: A NetScaler Engineer has created an SSL virtual server that utilizes SSL services. The engineer needs to configure certificate authentication from the NetScaler to the backend web services.

What should the engineer do to meet the requirements outlined in the scenario?

- A. Bind a CA Certificate to the SSL Services.
- B. Bind a Client Certificate to the SSL Services.
- C. Create an SSL policy to present the Client Certificate to the web services.
- D. Enable Client Authentication and set Client Certificate to mandatory on the virtual server.

Correct Answer: B

QUESTION 16

Which service setting would a NetScaler Engineer use in the command-line interface to limit connections to server resources?

- A. -maxReq
- B. -maxClient
- C. -monThreshold
- D. -maxBandwidth

Correct Answer: B

QUESTION 17

Which statement is true about interface link-state on the NetScaler?

- A. Interface link-state is controlled by ifconfig in BSD.
- B. Interface link-state is dependent on the HAMON setting.
- C. Interface link-state CANNOT be brought down from the NetScaler.
- D. Interface link-state on both appliances is unaffected by the force failover command.

Correct Answer: C

QUESTION 18

In order to configure integrated cache, a NetScaler Engineer would need to reboot the NetScaler when the integrated caching feature is _____ and cache memory limit is set to _____. (Choose the correct set of options to complete the sentence.)

- A. enabled; zero

- B. disabled; zero
- C. enabled; non-zero
- D. disabled; non-zero

Correct Answer: A

QUESTION 19

Which two certificate formats are supported when creating a certificate key pair on the NetScaler?
(Choose two.)

- A. PEM
- B. DER
- C. PKCS7
- D. PKCS12

Correct Answer: AB

QUESTION 20

As a result of connecting two NetScaler interfaces in the same L2 broadcast domain/VLAN (unless link aggregation is configured), the NetScaler will _____. (Choose the correct option to complete the sentence.)

- A. restart
- B. disable one interface
- C. cause a network loop
- D. disable both interfaces

Correct Answer: C

QUESTION 21

An engineer has two NetScaler devices in two different datacenters and wants to create a high availability (HA) pair with the two devices, even though they are on two different subnets.

How can the engineer configure the HA Pair between the two NetScaler devices?

- A. Configure StaySecondary on the second datacenter appliance.
- B. Ensure that INC mode is enabled during the creation of the HA Pair.
- C. Enable the HAMonitors on all interfaces after the HA Pair has been created.
- D. Change the NSIP of the second appliance to be on the same subnet as the first appliance.

Correct Answer: B

QUESTION 22

When a network engineer logs onto a new NetScaler device in the London datacenter, data output indicates that the device is NOT configured for the local time.

How can the network engineer synchronize the correct time with an NTP server in the local data center?

- A. Configure the correct time from the GUI and restart.
- B. Modify the ntp.conf and rc.netscaler files and restart.
- C. Logon using the nsrecover/nsroot credentials and restart.
- D. Configure the NetScaler as a secondary NTP server and restart.

Correct Answer: B

QUESTION 23

Scenario: The NetScaler has connections to a large number of VPNs. The network engineer wants to minimize the number of ARP requests.

Which feature should the network engineer enable to minimize ARP requests?

- A. TCP Buffering
- B. Use Source IP
- C. Edge Configuration
- D. MAC based forwarding

Correct Answer: D

QUESTION 24

A network engineer has configured two NetScaler MPX appliances as a high availability (HA) pair.

What can the engineer configure to prevent failover if only a single interface fails?

- A. FIS
- B. PBR
- C. SNMP
- D. VMAC

Correct Answer: A

QUESTION 25

Scenario: A NetScaler engineer needs to enable access to some web servers running on an IPv6 only network. The clients connecting the services are on an IPv4 network. The engineer has already enabled IPv6 on the NetScaler.

What does the engineer need to do in order to provide access to the services on the IPv6 network?

- A. Create an IPv6 tunnel and a IPv4 virtual server.
- B. Configure an IPv6 VLAN and bind the required interface.
- C. Create a IPv4 virtual server and bind the service group to it.
- D. Create an IPv6 ACL and a IPv4 virtual server and bind the ACL to the virtual server.

Correct Answer: C

QUESTION 26

Scenario: A network engineer created an IPv6 virtual server on the NetScaler. The virtual server is using a service group with two IPv4 servers bound to it. When testing access to the virtual server from a client configured with an IPv6 address, he is unable to connect.

What could be the reason for this issue?

- A. The NetScaler is disabled for NAT.
- B. IPv6 protocol translation is disabled.
- C. An IPv6 address on the NetScaler is not bound to the correct VLAN.
- D. The NetScaler does not have an INAT rule to convert IPv4 to IPv6 from the back-end servers.

Correct Answer: B

QUESTION 27

Scenario: An engineer executes the following commands:

```
add vlan 2
bind vlan 2 -ifnum 1/2
```

```
add ns ip 10.110.4.200 255.255.255.0
```

```
bind vlan 2 -IPAddress 10.110.4.200 255.255.255.0
```


What type of IP address has been added to the NetScaler?

- A. VIP address
- B. NSIP address
- C. SNIP address
- D. GSLB Site IP address

Correct Answer: C

QUESTION 28

Scenario: For security reasons, the NSIP needs to be configured to only be accessible on interface 0/1, which is VLAN 300.

The NSIP address is 10.110.4.254 and the subnet mask is 255.255.255.0.

How would the network engineer achieve this configuration?

- A. `set ns config -nsvlan 300 -ifnum 0/1`
- B. `set ns ip 10.110.4.254 -gui ENABLED -vrID 300`
- C. `add vlan 300`
`set ns ip 10.110.4.254 -mgmtAccess ENABLED`
- D. `set ns config -IPAddress 10.110.4.254 -netmask 255.255.255.0`

Correct Answer: A

QUESTION 29

Why would an engineer want to specify a TCP Profile for a specific service group?

- A. To enable use of features like SSL over TCP for that specific service group.
- B. To adjust the TCP settings for traffic to and from that specific service group.
- C. To use a specific SNIP for traffic to the back-end servers in that service group.
- D. To enable features like use source IP, TCP keep alive and TCP buffering for a specific service group.

Correct Answer: B

QUESTION 30

A network engineer wants to optimize a published load balanced SSL virtual server for WAN connection with long delay, high bandwidth with minimal packet drops.

What would the network engineer use to do this type of optimization for the SSL virtual server?

- A. SSL policy
- B. TCP profile
- C. Compression policy
- D. Priority queuing policy

Correct Answer: B

QUESTION 31

Scenario: The NetScaler is connected to two subnets. The NSIP is 10.2.9.12. The external SNIP is 10.2.7.3. The MIP for internal access is 10.2.9.3. Web servers, authentication servers and time servers are on the 10.2.10.0/24 network which is available through the 10.2.9.1 router. The external firewall has the 10.2.7.1 address. Traffic bound for Internet clients should flow through the external firewall.

Which command should be used to set the default route?

- A. `add route 0.0.0.0 0.0.0.0 10.2.7.1`
- B. `add route 0.0.0.0 0.0.0.0 10.2.9.1`

- C. add route 10.0.0.0 255.0.0.0 10.2.9.1
- D. add route 10.0.0.0 255.0.0.0 10.2.7.1

Correct Answer: A

QUESTION 32

Some SSL certificate files may be missing from a NetScaler appliance.

Which directory should an engineer check to determine which files are missing?

- A. /nsconfig/ssl
- B. /nsconfig/ssh
- C. flash/nsconfig/
- D. /var/netscaler/ssl/

Correct Answer: A

QUESTION 33

Scenario: An engineer has been hired to manage the content-switching configurations on the NetScaler. The user account for this engineer must have the standard rules that apply to the other administrators.

What should the engineer do to allow for the extra privileges?

- A. Modify the current Command Policy and then save the changes.
- B. Unbind the current Command Policy of the user account and then save the changes.
- C. Remove the custom Command Policy and then create one with the new requirements.
- D. Create a custom Command Policy and bind it to the user account with the highest priority.

Correct Answer: D

QUESTION 34

A network engineer needs to configure smart card-based authentication on NetScaler Access Gateway.

Which type of authentication policy could the engineer configure in order to accomplish this task?

- A. Local
- B. RADIUS
- C. Certificate
- D. Secure LDAP

Correct Answer: C

QUESTION 35

A company wants to implement a policy where all passwords should be encrypted while transiting the network.

Where in the GUI would the network engineer prevent access to unsecured management protocols?

- A. Network -> IPs
- B. System -> Auditing
- C. AppExpert -> Pattern Sets
- D. Protection Features -> Filter

Correct Answer: A

QUESTION 36

Scenario: The NetScaler is configured with a NSIP of 10.20.30.40. Management access is NOT enabled on any other IP address.

Which command should an engineer execute to prevent access to the NetScaler using HTTP and only allow HTTPS access?

- A. set ns ip 10.20.30.40 -gui disabled -telnet disabled
- B. set ip 10.20.30.40 -gui secureonly -mgmtaccess enabled
- C. set ip 10.20.30.40 -mgmtaccess disabled -gui secureonly
- D. set ns ip 10.20.30.40 -gui enabled -restrictAccess enabled

Correct Answer: B

QUESTION 37

Company policy states that SNMP management should only be allowed from specific hosts.

What should the network engineer do to prevent unauthorized access to SNMP?

- A. Add an SNMP manager.
- B. Add an SNMP trap destination.
- C. Check secure access only on the NSIP.
- D. Add an SNMP community name that is difficult to guess.

Correct Answer: A

QUESTION 38

Scenario: The IT department in an organization manages servers and network devices from an internal management subnet. A NetScaler device has recently been installed into the DMZ network. The intranet firewall allows TCP 443 from the management subnet to the NetScaler device.

How could the engineer ensure that only workstations in the management network are permitted to manage the NetScaler?

- A. Create an Extended ACL based on the source IP address.
- B. Create a restricted route from the internal network to the DMZ.
- C. Enable the management access control option on the NSIP address.
- D. Enable the management access control on the internal SNIP address.

Correct Answer: A

QUESTION 39

Scenario: An engineer has three subnets configured on a NetScaler appliance. The engineer must only allow a certain group of users to access a virtual server on the appliance. The IT Manager requires that all rules are flexible and can be easily modified for ease of administration.

How could the engineer allow certain groups to access the virtual server while still being able to modify the setting in the future?

- A. Add a Simple ACL.
- B. Disable USNIP Mode.
- C. Create an Extended ACL.
- D. Add a Host Route to the virtual server.

Correct Answer: C

QUESTION 40

Scenario: An engineer created a new test Web Interface site for the new XenDesktop farm that the IT Department is developing. Several weeks later the engineer finds out that several people across the company have been accessing the new test site. The engineer needs to ensure that only the IT Department subnets can access the test site.

How could the engineer restrict access to the site so that only certain subnets can access this resource?

- A. Add an Extended ACL to only allow specific subnets to the Web Interface Site.
- B. Modify an existing simple ACL to allow specific subnets to the Web Interface Site.
- C. Enable USNIP Mode on the appliance to allow specific subnets to the Web Interface Site.
- D. Change the Access Method on the Web Interface Site to allow specific subnets to the Web Interface Site.

Correct Answer: A