



1Y0-440^{Q&As}

Architecting a Citrix Networking Solution

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QUESTION 1

Scenario: A Citrix Architect and a team of Workspacelab members met to discuss a NetScaler design project. They captured the following requirements from this design discussion:

1.

A pair of NetScaler MPX appliances will be deployed in the DMZ network.

2.

High Availability will be accessible in the NetScaler MPX in the DMZ Network.

3.

Load balancing should be performed for the internal network services like Microsoft Exchange Client Access Services and Microsoft App-V.

4.

The load balancing should be performed for StoreFront.

5.

The NetScaler Gateway virtual server will be utilizing the StoreFront load-balancing virtual server.

6.

The NetScaler Gateway virtual server and StoreFront.

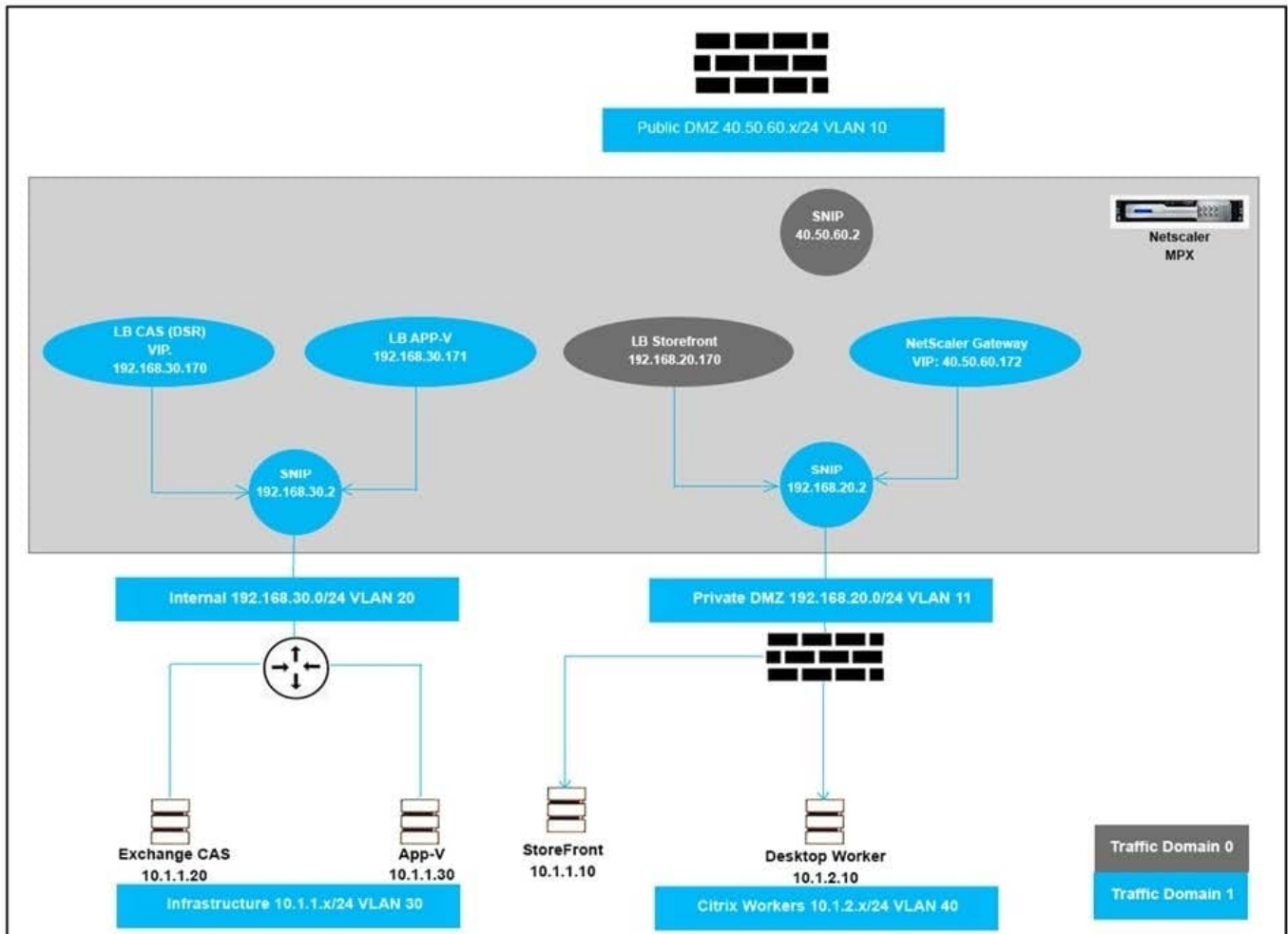
7.

The NetScaler Gateway virtual service and StoreFront and load-balancing services are publicly accessible.

8.

The traffic for internal and external services must be isolated.

Click the Exhibit button to review the logical network diagram.



Which two design decisions are incorrect based on these requirements? (Choose two.)

- A. LB StoreFront bound to traffic Domain 0
- B. NetScaler Gateway VIP bound to Traffic Domain 1
- C. LB APP-V bound to Traffic Domain 1
- D. SNIP 192.168.20.2 bound to Traffic Domain 1

Correct Answer: AB

QUESTION 2

Scenario: A Citrix Architect holds a design discussion with a team of Workspacelab members, and they capture the following requirements for the NetScaler design project.

1.
A pair of NetScaler MPX appliances will be deployed in the DMZ network and another pair in the internal network.
- 2.



High availability will be accessible between the pair of NetScaler MPX appliances in the DMZ network.

3.

Multi-factor authentication must be configured for the NetScaler Gateway virtual server.

4.

The NetScaler Gateway virtual server is integrated with the StoreFront server.

5.

Load balancing must be deployed for users from the workspacelab.com domain.

6.

The workspacelab users should be authenticated using Cert Policy and LDAP.

7.

All the client certificates must be SHA 256-signed, 2048 bits, and have UserPrincipalName as the subject.

8.

Single Sign-on must be performed between StoreFront and NetScaler Gateway.

After deployment, the architect observes that LDAP authentication is failing.

Click the Exhibit button to review the output of aaad debug and the configuration of the authentication policy.

Exhibit 1



```
Sun Feb 25 11:41:30 2018
/home/ build/rs_120_53_3_RTM/usr.src/netscaler/aaad/ldap_common.
c[398]: ns_ldap_check_result 0-399: checking LDAP result. Expecting
101 (LDAP_RES_SEARCH_RESULT)
Sun Feb 25 11:41:30 2018
/home/ build/rs_120_53_3_RTM/usr.src/netscaler/aaad/ldap_common.
c[436]: ns_ldap_check_result 0-399: ldap_result found expected result
LDAP_RES_SEARCH_RESULT
Sun Feb 25 11:41:30 2018
/home/ build/rs_120_53_3_RTM/usr.src/netscaler/aaad/ldap_drv.
c[357]: receive_ldap_user_search_event 0-399: received LDAP_OK
Sun Feb 25 11:41:30 2018
/home/ build/rs_120_53_3_RTM/usr.src/netscaler/aaad/naaad.c[4196]:
unregister_timer 0-399: releasing timer 175
Sun Feb 25 11:41:30 2018
/home/ build/rs_120_53_3_RTM/usr.src/netscaler/aaad/ldap_drv.c[387]:
receive_ldap_user_search_event 0-399: Binding user... 0 entries
Sun Feb 25 11:41:30 2018
/home/ build/rs_120_53_3_RTM/usr.src/netscaler/aaad/ldap_drv.c[388]:
receive_ldap_user_search_event 0-399: Admin authentication (Bind)
succeeded, now attempting to search the user hrl@workspacelab.com
Sun Feb 25 11:41:30 2018
/home/ build/rs_120_53_3_RTM/usr.src/netscaler/aaad/ldap_drv.c[393]:
receive_ldap_user_search_event 0-399: ldap_first_entry returned null,
user hrl@workspacelab.com not found
Sun Feb 25 11:41:30 2018
/home/ build/rs_120_53_3_RTM/usr.src/netscaler/aaad/naaad.c[3322]:
send_reject_with_code 0-399: Not trying cascade again
Sun Feb 25 11:41:30 2018
/home/ build/rs_120_53_3_RTM/usr.src/netscaler/aaad/naaad.c[3324]:
send_reject_with_code 0-399: sending reject to kernel for :
hrl@workspacelab.com
Sun Feb 25 11:41:30 2018
/home/ build/rs_120_53_3_RTM/usr.src/netscaler/aaad/naaad.c[3327]:
send_reject_with_code 0-399: Rejecting with error code 4009
```

Exhibit 2



```
add authentication ldapAction ldap-sam -serverName 192.168.10.11 -  
serverPort 636 -ldapBase "DC=workspacelab, DC=com" -ldapBindDN  
administrator@workspacelab.com -ldapBindDnPassword  
54e394e320d69a5b3418746e4dc9e83ebf0a1c7ffd869abd3e040b42d38e4b2e -  
encrypted -encryptmethod ENCMTHD_3 -ldapLoginName sAMAccountName -  
groupAttrName memberOf -subAttributeName cn -secType SSL -  
ssoNameAttribute cn  
add authentication ldapPolicy ldap-samaccount ns_true ldap-sam  
add authentication certAction cert-upn -twoFactor ON -userNameField  
Subject:CN  
add authentication certPolicy cert ns_true cert-upn
```

What is causing this issue?

- A. UserNamefield is set as subjection
- B. Password used is incorrect
- C. User does NOT exist in database
- D. ldapLoginName is set as sAMAccountName

Correct Answer: A

QUESTION 3

Which three methods can a Citrix Architect use to assess the capabilities of a network infrastructure? (Choose three.)

- A. Review existing monitoring solutions for periods of latency, lost packets, and insufficient bandwidth.
- B. Map the location of the users against the existing network topology.
- C. Alter firewall rules of existing network to fit into the new NetScaler Deployment.
- D. Examine the topology for single points of failure and potential bottlenecks.
- E. Ensure that users and computers are in the correct organizational units (OUs).

Correct Answer: ABD

QUESTION 4

Scenario: A Citrix Architect has deployed two MPX devices, 12.0.53.13 nc and MPX 11500 models, in high availability (HA) pair for the Workspace labs team. The deployment method is two-arm and the devices are installed behind a CISCO ASA 5585 Firewall. The architect enabled the following features on the NetScaler devices. Content Switching, SSL Offloading, Load Balancing, NetScaler Gateway, Application Firewall in hybrid security and Appflow. All are enabled to send monitoring information to NMAS 12.0.53.13 nc build. The architect is preparing to configure load balancing for Microsoft Exchange 2016 server.



The following requirements were discussed during the implementation:

1.

All traffic needs to be segregated based on applications, and the fewest number of IP addresses should be utilized during the configuration

2.

All traffic should be secured and any traffic coming into HTTP should be redirected to HTTPS.

3.

Single Sign-on should be created for Microsoft Outlook web access (OWA).

4.

NetScaler should recognize Uniform Resource Identifier (URI) and close the session to NetScaler when users hit the Logoff button in Microsoft Outlook web access.

5.

Users should be able to authenticate using either user principal name (UPN) or sAMAccountName.

6.

The Layer 7 monitor should be configured to monitor the Microsoft Outlook web access servers and the monitor probes must be sent on SSL

Which monitor will meet these requirements?

A. add lb monitor mon_rpc HTTP-ECV -send "GET /rpc/healthcheck.htm" recv 200 -LRTM DISABLED

B. add lb monitor mon_rpc HTTP-ECV -send "GET /rpc/healthcheck.htm" recv 200 -LRTM ENABLED

C. add lb monitor mon_rpc HTTP -send "GET /rpc/healthcheck.htm" recv 200 -LRTM DISABLED -secure YES

D. add lb monitor mon_rpc HTTP-ECV -send "GET/rpc/healthcheck.htm" recv 200 -LRTM DISABLED secure YES

Correct Answer: A

QUESTION 5

A Citrix Architect can execute a configuration job using a DeployMasterConfiguration template on a NetScaler_____deployed_____. (Choose the correct option to complete sentence.)

A. CPX; as part of a high availability pair

B. CPX; as a stand alone device

C. SDX; with less than 6 partitions and dedicated management interface

D. MPX; as part of the cluster but Cluster IP is NOT configured



E. SDX; with no partitions as a stand alone device

Correct Answer: C

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