

1Y0-401 - Designing Citrix XenDesktop 7.6 Solutions

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1. Scenario:

CGE acquires a small energy company that is running MGMT, a proprietary 16-bit application. A Citrix Architect is tasked with deploying this application to the Executives/Management end-user group. The CIO mandates that a FlexCast model must be chosen that resembles this end-user group's existing delivery strategy.

It is important that a single-image deployment is utilized and that management effort is kept to a minimum for the update process. The availability of a fast rollback plan must also be available after upgrades, since it can often result in system instability.

Why is deploying MGMT as Hosted VDI with SCCM the best solution?

- A. It allows the installation of custom applications.
- B. It is easy to manage.
- C. It meets the high-performance application demands of the Executives/Management enduser group.
- D. It allows the Executives/Management end-user group to share desktops.

Answer: D

2. Scenario:

CGE acquires a small energy company that is running MGMT, a proprietary 16-bit application. A Citrix Architect is tasked with deploying this application to the Executives/Management end-user group. The CIO mandates that a FlexCast model must be chosen that resembles this end-user group's existing delivery strategy.

It is important that a single-image deployment is utilized and that management effort is kept to a minimum for the update process. The availability of a fast rollback plan must also be available after upgrades, since it can often result in system instability.

Why is deploying MGMT as a published application on Windows Server 2008 R2 with Machine Creation Services the best solution?

- A. It offers a faster change process.
- B. End users are already comfortable working in a shared environment.
- C. It prevents XenApp server crashes.
- D. It enables faster rollbacks.

Answer: C

3. Scenario:

CGE needs to define its management process for desktop image releases. Some groups need a process for

version control that includes thorough testing prior to production.

Why does using Provisioning Services with WAIK help manage the image versioning process?

- A. It enables rollbacks.
- B. It manages version control.
- C. It leverages storage array features to offload host processing.
- D. It automatically deploys the latest drivers and patches.

Answer: B

4. Scenario:

CGE is experiencing numerous issues with its existing profile management solution. The Citrix Architect managing the project is tasked with designing a solution that alleviates existing issues and, if possible, minimizes the loss of existing customizations. Configuration changes need to be implemented quickly and with minimal complexity.

Why does enabling 'Profile streaming' when configuring Citrix Profile management without folder redirection benefit CGE's Sales end-user group?

- A. It allows faster logons.
- B. It simplifies home drive cleanup.
- C. It minimizes the required storage needed for folder redirection.
- D. It improves application performance.

Answer: D

5. Scenario:

A Citrix Architect is designing a multi-server Provisioning Services solution for CGE. The solution must be highly available and minimize the risk of vDisk inconsistency.

Why does implementing RAID 1 satisfy the requirements?

- A. It provides striping.
- B. It provides the highest performance.
- C. It provides fault tolerance.
- D. It provides minimal disk usage.

Answer: C

6. Scenario:

CGE needs to define its management process for desktop image releases. Some groups need a process for version control that includes thorough testing prior to production.

Why does using Windows Deployment Services and deploying a standard base image to virtual desktops help manage the image versioning process?

- A. It enables rapid rollback.
- B. It automates deployment of current and legacy OS versions.
- C. It leverages Hyper-V snapshots.
- D. It automatically deploys the latest drivers and patches.

Answer: D

7. Scenario:

CGE is experiencing numerous issues with its existing profile management solution. The Citrix Architect managing the project is tasked with designing a solution that alleviates existing issues and, if possible, minimizes the loss of existing customizations. Configuration changes need to be implemented quickly and with minimal complexity.

How can Citrix Profile management be configured for Sales end-user group profiles?

- A. Enable file and folder exclusions
- B. Enable 'Active write back'
- C. Enable 'Offline profile support'
- D. Enable 'Profile streaming'

Answer: A

8. Scenario:

CGE decided to virtualize its server workloads and provide a virtual solution to all of its end users. CGE is looking for an image management process that is scalable, but would like to limit infrastructure requirements.

Why is XenServer Fast Clone the best image management method for this environment?

- A. It provides centralized image management.
- B. It reduces machine-provisioning time.
- C. It minimizes network traffic.

D. It improves image deployment consistency.

Answer: B

9. Scenario:

CGE needs to define its management process for desktop image releases. Some groups need a process for version control that includes thorough testing prior to production.

How should the architect use Provisioning Services to design a release management scheme that facilitates rollbacks?

- A. By enabling vDisk Update Management
- B. By using vDisk versions
- C. By using snapshots
- D. By using the Windows Automatic Install Kit (WAIK)

Answer: B

10. Scenario:

A Citrix Architect is designing a multi-server Provisioning Services solution for CGE. The solution must be highly available and minimize the risk of vDisk inconsistency.

How should the architect configure the storage on the DFS namespace server for fault tolerance and high performance?

- A. By implementing RAID 0
- B. By implementing RAID 1
- C. By implementing high-speed local storage with deduplication
- D. By implementing RAID 10

Answer: B

11. How should the architect implement high availability (HA) with 12 NetScaler appliances?

- A. In each datacenter, deploy an HA pair in the internal network for load balancing and an HA pair in the DMZ for Gateway traffic.
- B. In each datacenter, deploy an HA pair in the internal network for Gateway traffic and an HA pair in the DMZ for load balancing.
- C. Create three NetScaler virtual servers configured with the subnets of the three sites, and bind them to

redirection policies that are configured in ICA Proxy mode using the StoreFront server.

D. Create six NetScaler virtual servers in HA pairs configured with the subnets of the three sites, and bind them to redirection policies that are configured in ICA Proxy mode using the StoreFront server.

Answer: C

12. Why would the architect choose active-active bonding when configuring network interfaces for storage networks?

A. It provides load balancing of VM traffic across multiple physical NIC interfaces at a per guest basis, and offers improved distribution of traffic across physical interfaces in the bond.

B. It sends all guest VM traffic in the bond to an active interface, which provides the best distribution of network load.

C. It uses a hashing algorithm, which provides better distribution of traffic across the interfaces in the bond.

D. It uses a round robin load-balancing policy, which provides better distribution of traffic across the interfaces in the bond.

Answer: A

13. Why is configuring regional shared storage locations on a CIFS server using XenServer with HA enabled the best design choice for vDisk storage?

A. It is the least expensive solution.

B. It is a highly scalable and resilient solution.

C. It creates the least amount of administrative overhead.

D. It reduces the system footprint.

Answer: D

14. Why is deploying two NetScaler appliances - one in the primary and one in the secondary datacenter, configured with GSLB, the best design solution?

A. It allows end users to connect to their primary datacenter through a secure, reliable, and cost-effective solution.

B. It provides redundancy, while optimizing external WAN traffic.

C. It segments the Gateway and load-balancing features of the NetScaler appliances.

D. It allows for the expected expansion of remote access usage and provides SSL VPN functionality for future needs.

Answer: A

15. Scenario:

Each XenServer host has four 10GB network cards - two bonded for storage and management separated by separate VLAN, and the two bonded for guest VM networks.

The CIO would like to see network traffic distributed across all links to maximize their utilization. Switches to which the Hypervisors will connect to support 802.3ad.

How should the architect configure the guest VM network?

- A. Using active-active bonding
- B. Using active-passive bonding
- C. Using XenServer MPIO redundancy
- D. Using LACP bonding

Answer: B

16. Why is creating six NetScaler virtual servers in HA pairs, configured with the subnets of the three sites and binded to redirection policies, the best design solution?

- A. It provides intrasite redundancy in case of appliance failures, while enhancing performance through an active/active configuration.
- B. It provides redundancy in case of site failures, while optimizing external WAN traffic.
- C. It protects against WAN failures and connects end users to their home datacenter.
- D. It allows for the expected expansion of remote access usage and provides functionality for future needs.

Answer: D

17. Why is a design with 12 NetScaler appliances, in which each datacenter deploys an HA pair in the internal network for load balancing and an HA pair in the DMZ for Gateway traffic, the best remote access design?

- A. It allows end users to connect to their primary datacenter through a secure, reliable, and cost-effective solution.
- B. It provides redundancy, while optimizing external WAN traffic.
- C. It segments the Gateway and load-balancing features of the NetScaler appliances.
- D. It allows for the expected expansion of remote access usage and provides SSL VPN functionality for future needs.

Answer: D

18. Why is configuring an iSCSI LUN on a NAS the best design choice for vDisk storage?

- A. It is the least expensive solution.
- B. It is a highly scalable and resilient solution.
- C. It creates the least amount of administrative overhead.
- D. It reduces the system footprint.

Answer: D

19. How should the architect deploy the NetScaler appliances to increase site resiliency?

- A. Configure Global Server Load Balancing (GSLB) for end-user connectivity.
- B. Configure a Gateway vServer.
- C. Configure a backup vServer.
- D. Configure failover sites within the NetScaler Gateway.

Answer: D

20. Why would the architect choose active-passive bonding when configuring bonded network interfaces for guest VM networks?

- A. It provides load balancing of VM traffic across multiple physical NIC interfaces at a per guest basis, and offers improved distribution of traffic across physical interfaces in the bond.
- B. It sends all guest VM traffic in the bond to an active interface, which provides the best distribution of network load.
- C. It uses a hashing algorithm, which provides better distribution of traffic across the interfaces in the bond.
- D. It uses a round robin load-balancing policy, which provides better distribution of traffic across the interfaces in the bond.

Answer: B

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