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Designing Citrix XenDesktop 7.6 Solutions

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QUESTION 1

How should a Local VM environment be implemented to allow user-installed application?

- A. By adding users to the local administrators group
- B. By using Personal vDisk
- C. By giving users access to the Synchronizer console
- D. By providing access to the network share that contains the App-V packages

Correct Answer: A

QUESTION 2

Which aspect of the new storage system's performance requirements is critical to the success of the project and should be determined before any purchase takes place?

- A. Whether it supports automatic tiering
- B. The number of SSD drives it will hold
- C. Whether 8Gb/s Fibre Channel or 10Gb/s Ethernet technology provides more storage bandwidth
- D. The number of IOPS it must support to host the required amount of pooled and dedicated virtual desktops

Correct Answer: A

QUESTION 3

Which two issues could CGE's current home directory storage strategy cause? (Choose two.)

- A. Slow logons
- B. Unverified data backups
- C. High IOPS on the storage appliance
- D. High CPU usage on the XenApp servers

Correct Answer: AB

QUESTION 4

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 in a Remote PC environment on Windows 7 with Provisioning 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.

Correct Answer: A

QUESTION 5

Scenario:

Each XenServer host is configured with two bonded 10GB NICs for storage, management, and guest VM networking. The CIO would like to see network traffic distributed across all links to maximize the utilization of each link. All switches support 802.3ad and adaptive load balancing.

How should the architect configure XenServer?

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

Correct Answer: C

QUESTION 6

The architect should recommend a Universal License because it is required for _____.

(Choose the phrase that correctly completes the sentence.)

- A. ICA Proxy
- B. SmartAccess
- C. two-factor authentication



D. SSL access inside the network

Correct Answer: B

QUESTION 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 without folder redirection be configured for Sales end-user group profiles?

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

Correct Answer: A

QUESTION 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 Provisioning Services the best image management method for this environment?

- A. It provides centralized image management.
- B. It reduces the storage footprint.
- C. It reduces network traffic.
- D. It reduces infrastructure server requirements.

Correct Answer: A

QUESTION 9

What are the benefits of using local VMs?

- A. It enforces centralized user data storage
- B. It supports GPUs with thin clients



- C. It enables remote access to desktops
- D. It allows users to install applications

Correct Answer: D

QUESTION 10

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 do using Hypervisor templates and WAIK help manage the

image versioning process?

- A. It reduces image deployment time.
- B. It reduces the storage requirement for images.
- C. It allows for testing updates prior to updating the production machine catalog.
- D. It allows for testing updates prior to updating the production Delivery Group.

Correct Answer: A

QUESTION 11

Why would the architect choose XenServer MPIO 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.

Correct Answer: C

QUESTION 12

Why is configuring regional shared storage locations on a CIFS server using Distributed File Services 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.

Correct Answer: A

QUESTION 13

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 2012 R2 with Provisioning 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.

Correct Answer: A

QUESTION 14

Scenario:

CGE decided to virtualize its infrastructure workloads and provide a virtual solution to all end users. The infrastructure workloads include Delivery Controllers, StoreFront servers, License Servers, and Microsoft SQL Servers for databases.

Why is creating a resource pool comprising a maximum of 16 XenServer hosts, using a shared storage repository to provide XenMotion and high availability, and replicating meta information to the disaster recovery site the best design solution?

- A. It addresses all customer requirements by ensuring appropriate design of resource pools, high availability for critical workloads, and a new storage solution for disaster recovery purposes.



- B. It ensures simple setup with a built-in failover design.
- C. It allows virtual workloads to fail over to a failover site for disaster recovery purposes.
- D. It optimizes performance and provides centralized management.

Correct Answer: C

QUESTION 15

Scenario: Users from a remote research lab have very limited WAN bandwidth to their nearest datacenter. The users need to print over the WAN.

What should an architect recommend to optimize printer bandwidth?

- A. Optimize WAN traffic through CloudBridge.
- B. Increase the WAN bandwidth through a WAN link upgrade.
- C. Restrict overall session bandwidth through a HDX bandwidth policy.
- D. Restrict printer redirection bandwidth through a HDX bandwidth policy.

Correct Answer: A

QUESTION 16

Why does using SysLog help the company comply with its security policy?

- A. Because it is a centralized, industry-standard log that is easily queried
- B. Because it password-protects the audit logs for added security
- C. Because it uses a standard TCP port
- D. Because it collects logs from multiple devices

Correct Answer: A

QUESTION 17

Scenario:

CGE's security officer states that, for compliance reasons, all network traffic between Delivery Controllers, StoreFront servers, and NetScalers must be encrypted.

How should the architect recommend that IPsec be implemented?

- A. By using NetScaler
- B. By implementing secure Delivery Groups



- C. By implementing an Active Directory Group Policy
- D. By configuring a local IPsec policy in the master image

Correct Answer: C

QUESTION 18

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 Machine Creation Services facilitate image management?

- A. It reduces image deployment time.
- B. It reduces the storage requirement for images.
- C. It allows for testing updates prior to updating the production machine catalog.
- D. It allows for testing updates prior to updating the production Delivery Group.

Correct Answer: D

QUESTION 19

Scenario:

CGE's security officer states that, for compliance reasons, all network traffic between Delivery Controllers, StoreFront servers, and NetScalers must be encrypted.

How should the architect recommend that SSL be implemented?

- A. By installing certificates on Citrix infrastructure components
- B. By configuring an Active Directory Group Policy to distribute SSL certificates
- C. By installing a certificate authority server in the DMZ
- D. By installing an SSL certificate in the master image

Correct Answer: B

QUESTION 20

Which two factors present a risk to the availability of the CGE environment based on the current provision for external access to it? (Choose two.)

- A. Single-factor authentication is used for external access.



- B. There are single Secure Gateway servers in some locations.
- C. NetScaler Gateway is being used to load balance StoreFront.
- D. There is no automatic failover between regions for end users.

Correct Answer: BD

QUESTION 21

Scenario:

An analysis of CGE's applications shows that 98% are compatible with Windows 8 64-bit and Windows Server 2012. The remaining applications are incompatible with a 64-bit operating system. Which solution should a Citrix Architect recommend to enable the delivery of the incompatible applications?

- A. Use VM Hosted Apps to deliver the incompatible applications from a Windows 7 32-bit desktop.
- B. Use an existing XenApp 6.5 farm to deliver the incompatible applications using a 64-bit desktop.
- C. Stream the application with Microsoft App-V and deliver the incompatible applications using a 64-bit desktop.
- D. Publish the applications from a XenApp 7.6 session host to deliver the incompatible applications to a 64-bit desktop.

Correct Answer: A

QUESTION 22

Which option requires the fewest components to implement a fault-tolerant, load-balanced solution for end-user access at each datacenter?

- A. Two StoreFront servers in a single StoreFront server group.
- B. Two NetScalers in a high availability pair, with load balancing pointing to a single StoreFront server.
- C. Three NetScalers in a cluster, with load balancing pointing to two StoreFront servers belonging to the same StoreFront server group.
- D. Two NetScalers in a high availability pair, with load balancing pointing to two StoreFront servers belonging to the same StoreFront server group.

Correct Answer: B

QUESTION 23

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.

How should the architect deploy MGMT in a Hosted VDI environment?

- A. As Hosted VDI Static Persistent
- B. As Hosted VDI Static
- C. As Hosted VDI Random
- D. Hosted VDI with SCCM

Correct Answer: D

QUESTION 24

Which two factors should a Citrix Architect consider with regard to CGE's Back Office end-user group? (Choose two.)

- A. Their need for a special application set
- B. Their need to access additional printers
- C. Their need to install their own applications
- D. Their need to use non-corporate-owned devices

Correct Answer: AB

QUESTION 25

What are the benefits of using a Hosted VDI environment with Personal vDisk?

- A. It retains the single image management function while allowing users to install applications
- B. It provides a high level of security while allowing user customization
- C. It has a low storage performance requirement and high user density
- D. It retains the single image management function yet allows application compatibility

Correct Answer: A

QUESTION 26

Scenario:



CGE decided to virtualize its infrastructure workloads and provide a virtual solution to all end users. The infrastructure workloads include Delivery Controllers, StoreFront servers, License Servers, and Microsoft SQL Servers for databases.

Which XenServer resource pool design should a Citrix Architect recommend to host all required workloads?

- A. Create two resource pools: one for the infrastructure workloads and one for the Server OS machine and Desktop OS machine workloads.
- B. Create one dedicated resource pool for the infrastructure, Server OS machine, and Desktop OS machine workloads.
- C. Create three resource pools: one each for the infrastructure, the Server OS machine, and the Desktop OS machine workloads.
- D. Create three dedicated resource pools: one for the Delivery Controllers, one for virtual Server OS machine and Desktop OS machine workloads, and one for infrastructure workloads.

Correct Answer: C

QUESTION 27

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 NAS storage 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

Correct Answer: D

QUESTION 28

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.

Correct Answer: B

QUESTION 29

How can the architect identify if the Provisioning Services servers are the source of a bottleneck?

- A. Identify excessive CPU and memory consumption
- B. Identify excessive memory and network utilization
- C. Identify excessive CPU and network I/O
- D. Identify excessive disk I/O and page file utilization

Correct Answer: C

QUESTION 30

Which IOPS figures must an architect take into account when determining the IOPS requirements for a user group?

- A. logical, logon, and raw
- B. functional, logoff, and boot
- C. steady state, boot, and raw
- D. steady state, logon, and boot

Correct Answer: D

QUESTION 31

Scenario:

A Citrix Architect is asked to design a new external access architecture for CGE. The regional datacenters have NetScaler appliances delivering load-balancing services. Security policy mandates that these internal appliances CANNOT

connect to the DMZ.

How should the architect configure the callback URL with one NetScaler located in all three regional datacenters?

- A. Configure the callback URL to point to the local NetScaler, and configure the Secure Ticket Authority (STA) to point to the local Delivery Controllers.
- B. Configure the callback URL to point to the external address, <https://secure.cge.com>, and configure the Secure Ticket Authority (STA) to point to the local Delivery Controllers.
- C. Configure the callback URL to point to the FQDN of the local NetScaler Gateway, and configure the Secure Ticket



Authority (STA) to point to the local Delivery Controllers.

D. Configure the callback URL to point to the external beacon address.

Correct Answer: C

QUESTION 32

How should the architect implement database high availability in SQL Server Express?

A. By using Always On Availability Groups

B. By using SQL Server mirroring

C. By implementing SQL Server log shipping

D. By using the hypervisor high availability feature

Correct Answer: D

QUESTION 33

Why does centralizing volume activation help manage the image release process?

A. Because it reduces licensing administration

B. Because it helps manage version control

C. Because it automates the license download process

D. because it enables use of Multiple Activation Keys

Correct Answer: A

QUESTION 34

Why does using the IIS Manager console help the company comply with its security policy?

A. Because it enables you to view IIS logs to extract data

B. Because it enables you to configure StoreFront

C. Because it uses a standard TCP port

D. Because it is a Microsoft Management Console snap-in

Correct Answer: A

QUESTION 35



Scenario:

A Citrix Architect identifies a fault in the Active Directory design for CGE's existing XenApp environments. Group Policy Objects (GPOs) from OUs across the Active Directory apply when end users log on to XenApp applications, creating

undesirable end-user experiences. The architect determines that CGE needs full control over which GPOs apply in the new environment.

Why would configuring loopback processing with merge on a GPO linked to all OUs containing Delivery Controllers ensure full control over which Group Policies are applied?

- A. It ensures that only Group Policies with the correct filtering in Active Directory are applied on the Delivery Controllers where end users log on.
- B. It ensures that only Group Policies located in or under the root Citrix OU are applied on the Delivery Controllers where end users log on.
- C. It ensures that only Citrix policies are applied on the Delivery Controllers where end users log on.
- D. It ensures that GPOs located in the root Citrix OU are replaced with Citrix policies.

Correct Answer: C

QUESTION 36

Scenario:

CGE decided to virtualize its infrastructure workloads and provide a virtual solution to all end users. The infrastructure workloads include Delivery Controllers, StoreFront servers, License Servers, and Microsoft SQL Servers for databases.

Why is using a maximum of 24 XenServer hosts, using a virtual disk storage repository for XenMotion and high availability, and daily backups of the infrastructure workloads the best design for the resource pools?

- A. It ensures the logical separation of infrastructure and virtual desktop workloads to prevent interference, and facilitates management and expansion capabilities.
- B. It provides workload flexibility to more efficiently leverage available resources within a resource pool, and facilitates expansion options. In addition, daily backups create minimal downtime for critical workloads.
- C. It separates infrastructure and virtual desktop workloads according to resource usage characteristics to avoid conflicts. In addition, it provides critical database services with sufficient workload-specific resources and failover capabilities.
- D. It ensures the logical separation of all workloads and virtual desktops. In addition, the backup solution reduces the risk of data loss and minimizes downtime.

Correct Answer: B

QUESTION 37

Scenario:

CGE decided to virtualize its infrastructure workloads and provide a virtual solution to all end users. The infrastructure



workloads include Delivery Controllers, StoreFront servers, License Servers, and Microsoft SQL Servers for databases.

How should the Hosted Shared servers be provisioned to meet the needs of the Back Office end-user group when only block storage is available on the shared storage of the Hypervisor?

- A. By using Machine Creation Services (MCS)]
- B. By using Provisioning Services
- C. By manually installing the OS
- D. By using cloned virtual machine (VM) templates

Correct Answer: B

QUESTION 38

The company plans to reduce their storage requirement by using thin provisioning with XenServer hosts. Which storage option should the architect verify for capability in the current environment?

- A. NFS
- B. CIFS
- C. iSCSI
- D. Fibre Channel

Correct Answer: A

QUESTION 39

Scenario:

CGE decided to virtualize its infrastructure workloads and provide a virtual solution to all end users. The infrastructure workloads include Delivery Controllers, StoreFront servers, License Servers, and Microsoft SQL Servers for databases.

What are the benefits of using Hosted VDI by using cloned VM templates?

- A. It provides the highest end-user density at the lowest cost.
- B. It offers the greatest level of end-user personalization and control.
- C. It offers the lowest storage performance requirement and the highest end-user density.
- D. It facilitates rapid provisioning.

Correct Answer: D

QUESTION 40



Scenario: The architect for the company has identified that virtualizing the entire server infrastructure will provide the best return on investment (ROI) and lowest maintenance costs for the new infrastructure. In order to proceed with this recommendation, a monitoring strategy must be put in place to ensure that the virtualization platform does NOT become overloaded.

How can the architect identify if the XenServer hosts are the source of a bottleneck?

- A. Identify if the CPU consumption is above 85%
- B. Identify if memory consumption is above 90%
- C. Identify if disk queue length increases above zero
- D. Identify if network utilization rises above 50%

Correct Answer: A

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