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Citrix Virtual Apps and Desktops 7 Assessment, Design and Advanced Configurations

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QUESTION 1

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. While performing the capabilities assessment for the existing infrastructure, the architect discovered substantial issues with packet loss and latency, and no current Quality-of-Service (QoS) technology is in place to manage these issues.

Which capability risk will the architect need to investigate to address these issues?

A. Access infrastructure

B. Disaster recovery (DR) plan and implementation

C. Network architecture

D. Windows Server and Active Directory (AD) environments

Correct Answer: C

QUESTION 2

Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. Currently,

the environment is configured as 2 locations with identical Citrix Virtual Desktops Sites. Each Site has 2

Delivery Controllers, 2 StoreFront servers, and 1 Citrix ADC high-availability pair. The same applications

have been published from both Sites for all users. Two zones (Zone A and Zone B) are configured in each

Site with 1 Delivery Controller in each zone. The Microsoft Exchange server is only accessible from Virtual

Delivery Agent (VDA) machines in Zone A in each Site.

Six access requirements have been identified:

Users should have a single URL when accessing resources from different Sites.

Users should always connect to the data center closest to their location.

Applications added to Favorites within the Citrix Workspace app should be retained when accessed from

different Sites.

Launched applications and desktops should always connect through a local Citrix ADC.

No duplication of applications published from different Sites.

Microsoft Outlook should always launch in Zone A.

What should the architect recommend configuring to avoid duplication of the same applications being

delivered from different Sites?

A. `Keywords: Featured\\' in the properties of the published applications

B. An Application Group

C. Zone preferences for VDA machines hosting the applications

D. Aggregate resources

Correct Answer: D

QUESTION 3

A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The IT team maintains 12 Citrix Hypervisor hosts that are available to build the new Citrix environment. During the project kickoff meeting, management states:

"We need a robust infrastructure that can handle large user loads, improve IT efficiency, guarantee minimal downtime, and protect the network and its resources from corruption."

Click the Exhibit button to view the existing infrastructure details.

Hardware/Network	Details
Citrix Hypervisors	Heterogeneous hosts use the same software version and patch levels.
Resource: CPU, Memory, etc.	Uses the same CPU vendor and similar CPU models, with each host containing 128 GB RAM. Local storage of 100 GB is available.
Network Storage	Network File System (NFS) is used for file storage. Linux GFS2 shared block storage is used for the hypervisor hosts.
Network	All hosts are on the same subnet, with similar static IP range on the management port.
Virtual Machines (VMs)	Virtual disks are on shared storage. No local DVD drive is configured.

Which configuration should the architect use to meet the requirements for the new Citrix environment?

A. Create multiple resource pools with at least 3 hosts in each pool for the infrastructure and Citrix workloads, and enable high availability with clustered pools using local storage repositories.

B. Create a single resource pool containing all hosts for the infrastructure and Citrix workloads, and enable default high availability using GFS2 as the heartbeat storage repository.

C. Create a single resource pool containing all hosts for the infrastructure and Citrix workloads, and enable default high availability using NFS as the heartbeat storage repository.

D. Create multiple resource pools with at least 3 hosts in each pool for the infrastructure and Citrix workloads, and

enable high availability with clustered pools using GFS2 as the heartbeat storage repositories.

Correct Answer: D

QUESTION 4

Scenario: A Citrix Architect is designing a new infrastructure that will use Citrix Virtual Apps and Desktops to deploy applications in New York, Chicago and Seattle data centers. All 3 data centers will be active simultaneously.

Which feature should the architect recommend to connect the remote users to the closest or best-performing data center?

A. Global Server Load Balancing

B. StoreFront Resource Aggregation

C. Zone Preference and Failover

D. Optimal Gateway Routing

Correct Answer: A

Reference: https://www.citrix.com/blogs/2014/03/29/xendesktop-gslb-dr-everything-you-think-you-know-isprobably-wrong/

QUESTION 5

Scenario: A Citrix Architect is designing a multi-data center Citrix Virtual Apps and Desktops environment that will use Citrix Provisioning (PVS) to manage Virtual Delivery Agent (VDA) machine images. Each data center will have a separate PVS farm. During design discussions, the architect created a diagram to depict the way in which vDisk files will be replicated among PVS farms, based on the available storage for the vDisk stores.

Click the Exhibit button to view the diagram.
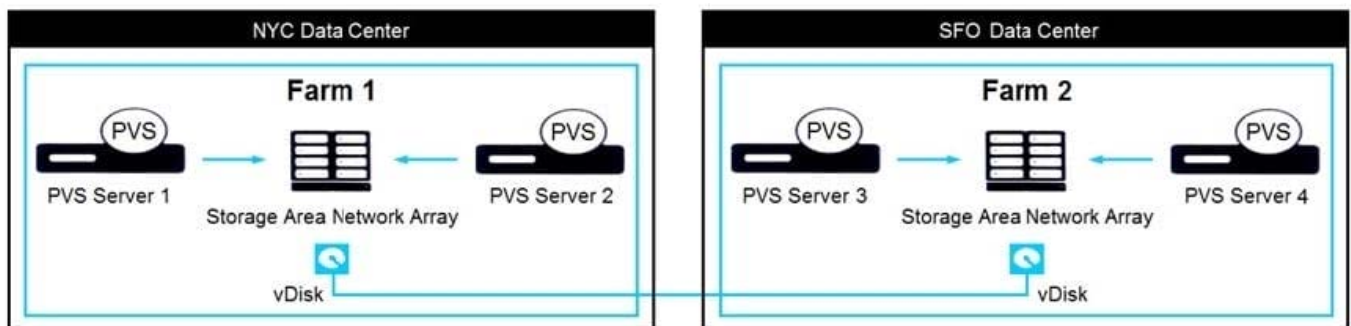
Overall, the customer has identified 3 objectives for the image-replication process:

Administrative time required to replicate images among farms must be minimized.

The process must be usable by storage administrators without PVS farm administrative permissions.

Pre-existing infrastructure and processes should be used where possible.

Which method should the architect use to replicate vDisk files among data centers?

A. Manual copy

B. Scheduled RoboCopy commands

C. SAN replication

D. vDisk Replicator Utility

E. Microsoft Distributed File System Replication (DFSR) Namespaces

Correct Answer: C