Exam Questions 1Y0-403

Citrix Virtual Apps and Desktops 7 AssessmentDesign and Advanced Configurations

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NEW QUESTION 1
Scenario: A Citrix Architect is designing a Citrix Virtual Apps and Desktops environment. The company has a small IT team with limited experience deploying and maintaining this type of environment.
To perform adequately, the line of business application used by the company must be hosted <10ms RTT from a backend database located within a customer-managed data center.
Which Citrix Virtual Apps and Desktops environment best meets the needs of this organization?

A. Citrix Virtual Apps and Desktops and Microsoft Azure workload
B. Citrix Virtual Apps and Desktops Service and on-premises workload
C. Citrix Virtual Apps and Desktops Service and Microsoft Azure workload
D. Citrix Virtual Apps and Desktops and on-premises workload

Answer: C

NEW QUESTION 2
Scenario: A Citrix Architect is designing a Citrix Virtual Desktops environment. The Graphic Designers Group uses graphic-intensive applications. Graphic designers will be provided with a Windows 10-hosted assigned desktop, with NVIDIA graphics hardware acceleration. HDX 3D Pro mode was selected during the installation of the Virtual Delivery Agent (VDA).
What is the maximum number of monitors supported for the Graphic Designers Group?

A. 4
B. 1
C. 2
D. 8

Answer: A

Explanation:
https://support.citrix.com/article/CTX201696

NEW QUESTION 3
Scenario: A Citrix Architect has implemented a multi-location profile strategy as part of a large Citrix Virtual Apps and Desktops solution. The architect needs to implement a single policy that sets the profile path for all users.

 New York users: Server: NYC-FS.company.lan – Share: NYC-Profiles$
 Miami users: Server: MIA-FS.company.lan – Share: MIA-Profiles$
 San Francisco users: Server: SFO-FS.company.lan – Share: SFO-Profiles$
The architect has proposed the usage of this path for all users:
\\#Loc#-FS.company.lan\#Loc#-Profiles$\#sAMAccountName#\%ProfileVer%\
What does the architect need to define to use the above path for all users as the profile location?

A. A Loc variable using the Current-Location attribute
B. A DFS-ROOT variable per data center that incorporates the user environment variable %homeshare%
C. A new attribute called Loc using Active Directory (AD) Explorer
D. A user environment variable Loc using a login script

Answer: C

NEW QUESTION 4
Scenario: Eight hundred users from a newly acquired company based in another continent will immediately require access to several Citrix applications being added to a zone within the Citrix Virtual Apps Site. Approximately 40 Citrix servers are being deployed in that zone.
Management informs a Citrix Architect that the new company has an unused Citrix ADC MPX 24xxx series applies that should be used to address Citrix Gateway requirements. The design must support updating the
Citrix ADC firmware without user interruption.
What should the architect do to ensure that the Citrix ADC MPX 24000-series appliance addresses these requirements?

A. Install a Premium license on the appliance and deploy 2 extended access control lists (ACLs)
B. Deploy Citrix Gateway into 2 admin partitions.
C. Convert to Citrix SDX, install an add-on pack license on the appliance, and deploy Citrix Gateway VPX instances in a cluster.
D. Install a Premium license on the appliance and deploy Citrix Gateway instances in a cluster.

Answer: C

Explanation:
https://docs.citrix.com/en-us/citrix-hardware-platforms/sdx/convert-mpx-to-sdx/convert-mpx24100-sdx24100.ht

NEW QUESTION 5
Scenario: A Citrix Architect is creating a conceptual architecture for a Citrix Virtual Apps and Desktops environment. Based on some initial the company's business goals and objectives, the architect has collected the information shown in the exhibit.
Click the Exhibit button to view the information.

Which delivery model should the architect recommend?

A. Single-Site in Citrix Cloud, public cloud, and on-premises resource locations

B. Multi-Site, multi-zone, and multiple on-premises data centers
C. Multi-Site in Citrix Cloud, and multiple public cloud resource locations
D. Single-Site, single-zone, and single on-premises data center

Answer: A

NEW QUESTION 6
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.

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.

Answer: D

Explanation:
"In clustered pools, the heartbeat SR must be a GFS2 SR" https://docs.citrix.com/en-us/citrix-hypervisor/hosts-pools/clustered-pools.html

NEW QUESTION 7
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The customer is interested in using Machine Creation Services (MCS) with Citrix App Layering.
Which consideration would result in the architect recommending that the customer use a different image and application-management approach?

A. PXE is required for non-Citrix machines in networks that will support the Virtual Delivery Agent (VDA) machines.
B. The environment must use the Citrix Virtual Apps Enterprise concurrent licensing.
C. The images must be deployed to physical machines.
D. The machines must use an existing SAN deployment.
E. Microsoft Hyper-V hosts must be used to host the Virtual Delivery Agent (VDA) machines.

Answer: C

NEW QUESTION 8
Scenario: A Citrix Architect is implementing a new Citrix Virtual Apps and Desktops environment. The customer has 3 requirements:
 All users must be able to aggregate resources from all Sites.
 Both Sites should be treated as 1 equivalent farm set.
 User connections should be directed to the New York Site with failover to San Francisco. Click the Exhibit button to view the StoreFront configurations.
Exhibit 1.

Exhibit 2.

Based on the configurations, requirement 1 is , requirement 2 is , and requirement 3 is . (Choose the correct option to complete the sentence.)

Based on the configurations, requirement 1 is, requirement 2 is, and requirement 3 is. (Choose the correct option to complete the sentence.)

A. met; met; NOT met
B. met; NOT met; NOT met
C. NOT met; met; met
D. met; met; met
E. NOT met; met; NOT met
F. met; NOT met; met
G. NOT met; NOT met; NOT met

Answer: F

NEW QUESTION 9
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The environment will run on 2 Citrix Hypervisor platforms, each consisting of 3 NICs. The company maintains strict security standards for all business data traffic, so the architect is designing and configuring hypervisor network traffic to limit infrastructure vulnerabilities.
How should the architect configure the hypervisor network traffic to provide the best security for the environment?

A. Use 1 physical NIC on the host for management, and a second NIC shared for storage and virtual machines (VMs). Create 2 subnets – 1 for management and the other for storage and VM
B. Confirm that the storage and VMs use a NIC on the same network as the host NIC, and sort traffic between the host and storage/VM with a switch port.
C. Use each physical NIC on the hosts – 1 for management, 1 for storage, and 1 for the virtual machines (VMs). Create 2 subnets – 1 for management and the other for storag
D. Confirm that the VMs use a NIC for guest traffic on a separate network, and connect all networks to separate network switches.
E. Use each physical NIC on the hosts – 1 for management, 1 for storage, and 1 for the virtual machines (VMs). Keep all traffic on a single subne
F. Confirm that the VMs use a NIC for guest traffic on the same network as the host NIC, and sort the traffic between the host and VMs with switch port.
G. Use 1 physical NIC on the host for management, and a second NIC shared for storage and virtual machines (VMs). Keep all traffic on a single subne
H. Confirm that the storage and VMs use a NIC on the same network as the host NIC, and sort the traffic between the host and storage/VM with a switch port.

Answer: B

NEW QUESTION 10
Scenario: A Citrix Consultant is designing a new Citrix Virtual Desktops environment. During the user segmentation process, a Citrx Architect collected a small amount of data about user requirements, but was NOT able to create well-defined user groups.
Which user-segmentation actions should the consultant pursue?

A. Collect user data, define user groups, and identify user requirements.
B. Collect user data, confirm user groups, and identify user requirements.
C. Analyze existing data, define user groups, and confirm user requirements.
D. Analyze existing data, confirm user groups, and identify user requirements

Answer: A

NEW QUESTION 10
Scenario: IT management has decided which server hardware model to use for its new Citrix Virtual Apps and Desktops Sites, but needs guidance on sizing the Hardware Layer.
Click the Exhibit button to view the host details.

A Citrix Architect is planning to install Citrix Hypervisor 7.x on this host. How many vCPUs will be available to the Citrix Hypervisor host?

A. 48
B. 32
C. 16
D. 24

Answer: C

NEW QUESTION 15
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The design will require three different StoreFront stores and three corresponding Citrix Workspace app for Web sites.
Each different store and Citrix Workspace app for Web site will serve different business units. Each of these will also require its own branding and SSL certificate. The solution should remain supported by Citrix.
The architect has already installed StoreFront on a server.
How can the architect achieve the desired design while keeping cost and maintenance requirements to a minimum?

A. Create two extra Internet Information Services (IIS) sites, bind the certificates in IIS Manager, copy the StoreFront configurations to the two new IIS sites, and use a text editor to configure all three StoreFront stores.
B. Deploy two extra virtual servers, bind the certificates in Internet Information Services (IIS) Manager, and install StoreFront on each new virtual server.
C. Create two extra Internet Information Services (IIS) sites, bind the certificates in IIS Manager, use PowerShell to deploy additional stores to the two new IIS sites, and use a text editor to configure all three StoreFront stores.
D. Create two extra Internet Information Services (IIS) sites, bind the certificates in IIS Manager, copy the StoreFront configuration to the two new IIS sites, and use the StoreFront console to configure all three StoreFront stores.

Answer: B

NEW QUESTION 19
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. While performing a capabilities assessment of the existing infrastructure, it was discovered that there are issues with load balancing users, and that the existing load-balancing hardware is outdated.

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

A. Windows Server and Active Directory (AD) environments.
B. Citrix Virtual Apps and Desktops environments
C. Network architecture
D. Access infrastructure

Answer: D

Explanation:
https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/citrix-vdi-best-practices/design/design-userlayer2

NEW QUESTION 21
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment.
The table in the exhibit lists details about the requirements of the current user groups and their Virtual Delivery Agent (VDA) machine workloads.
Click the Exhibit button to view the table.

At a minimum, the architect should scale the hardware used to host the virtual machine (VMs) for User Group 1 to GB of RAM. (Choose the correct option to complete the sentence.)

A. 256
B. 512
C. 64
D. 128
E. 384

Answer: A

NEW QUESTION 23
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

Answer: A

NEW QUESTION 28
Scenario: A Citrix Architect designed an active-passive Citrix Virtual Apps and Desktops environment, where the passive data center serves as the disaster recovery (DR) data center for all users.
Twelve items have been configured:
 Citrix ADC Global Server Load Balancing (GSLB) to provide single URL direction to the active data center.
 GSLB has health monitors configured for the load balanced servers.
 Citrix Gateways are on both data centers.
 Citrix ADC load balancing occurs for StoreFront and Delivery Controller XML services.
 A single Citrix Virtual Apps and Desktops Site exists.
 Four Delivery Controllers are members of the Site.
 Two Delivery Controllers are members of the Primary Zone in the active data center.
 Two Delivery Controllers are members of the Satellite Zone in the passive data center.
 SQL is deployed in the active data center.
 Local Host Cache is enabled.
 Two StoreFront servers are deployed in each data center aggregating resources from the Delivery Controllers in the respective data center.

Virtual Delivery Agent (VDA) machines are deployed in both data centers and configured to register with Delivery Controllers in their zone.
What would happen if the Delivery Controllers in the primary data center were turned off?

A. VDA machines from the primary data center would register with the Delivery Controllers in the passive data center.
B. StoreFront in the primary data center would still be able to launch sessions.
C. GSLB will start redirecting connections to the secondary data center.
D. GSLB will NOT identify that the Delivery Controllers are down and sessions CANNOT launch.

Answer: C

Explanation:
GSLB will start redirecting connections to the secondary data center, as GSLB is aware the controllers are down.

NEW QUESTION 29
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. Two Control Layer security requirements have been identified:
For security reasons, it is unacceptable to use default ports for FlexCast Management Architecture (FMA) services.
Management access to PowerShell and Citrix Studio should be restricted to management workstations by
granular firewall rules.
Which combination of ports can the architect assign to the listed Citrix services to meet the Control Layer security requirements?

A. VDA Registration Port: 80 XML SSL Port: 80 SDK Port: 8083
B. VDA Registration Port: 8081 XML SSL Port: 443 SDK Port: 80
C. VDA Registration Port: 8081 XML SSL Port: 8082 SDK Port: 8083
D. VDA Registration Port: 8081 XML SSL Port: 8083 SDK Port: 8083

Answer: B

NEW QUESTION 30
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

Answer: D

NEW QUESTION 34
Scenario: The IT team of a company configured its Citrix environment on Microsoft Azure. Load on the servers is nominal during the off season, but during peak season, load increases on the infrastructure servers. This load varies from year to year. A Citrix Architect is asked to design a solution that dynamically increases and decreases the number of infrastructure servers.
What should the architect recommend the IT team create in Microsoft Azure to meet this demand?

A. Availability sets
B. Resource group
C. Scale sets
D. Availability domains

Answer: C

Explanation:
https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/overview#:~:text=Azure%20virtual%20mach

NEW QUESTION 36
Scenario: A Citrix Architect needs to support a Citrix Virtual Apps and Desktops environment with 2 data centers. App Layering is being used to create layered images that are used by the Virtual Delivery Agent (VDA) machines in both data center locations. To comply with disaster recovery (DR) requirements, administrators must be able to modify and deploy layered images from either data center if needed.
Which statement correctly describes the process that the architect must follow to meet the requirements?

A. All required layers should be exported from the first Enterprise Layer Manager using the hypervisor hosting the machine, then imported to the hypervisor resource pool in the secondary data center.
B. All required layers should be copied from the first Enterprise Layer Manager to the second Enterprise Layer Manager using Microsoft Distributed File System Replication (DFSR)
C. All required layers should be exported from the first Enterprise Layer Manager to an SMB file share, and then imported into the second Enterprise Layer Manager.
D. All required layers should be copied from the first Enterprise Layer Manager to the second Enterprise Layer Manager using RoboCopy commands

Answer: B

NEW QUESTION 37
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. As part of graphics-mode design considerations the architect, determined that one User Group requires hardware acceleration with CPU-enabled Virtual Delivery Agent (VDA) machines for 3D graphics-design-type applications.
Which graphics mode needs be configured for this specific group?

A. Visual quality = Build to Lossless
B. Visual quality = Always Lossless
C. Optimize for 3D graphics workload = Disabled
D. Optimize for 3D graphics workload = Enabled

Answer: D

Explanation:
"The HDX 3D Pro capabilities in Citrix Virtual Apps and Desktops enable you to deliver desktops and applications that perform best using a graphics processing unit (GPU) for hardware acceleration." https://docs.citrix.com/en-us/citrix-virtual-apps-desktops/graphics.html

NEW QUESTION 41
Scenario: A Citrix Architect completed an assessment of an existing environment. The architect learned that one of the business requirements dictate that automatic update functionality is disabled, and that deployment is exclusively done by electronic software distribution (ESD).
Which parameter is required to configure the Citrix Workspace Updates settings from the command line interface, when installing Citrix Workspace app for Windows?

A. /AutoUpdateStream=current
B. /AutoUpdateCheck=auto
C. /AutoUpdateStream=disabled
D. /AutoUpdateCheck=disabled

Answer: D

NEW QUESTION 43
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. Management has requested dynamic distribution of users between the primary and backup data centers to ensure that all available hardware is utilized during normal operations.
What is the biggest risk the architect should highlight to the customer when designing the profile strategy?

A. Scale-Out File Servers are required to support active-active profile deployments
B. Using Microsoft Distributed File System Replication (DFSR) to replicate user profiles requires significant bandwidth
C. Replicating profiles between the 2 data centers will double storage costs
D. Roaming profiles are NOT supported in active-active Microsoft Distributed File System Replication (DFSR) deployments

Answer: B

NEW QUESTION 47
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment.
The table in the exhibit lists details about the requirements of the current user groups and their Virtual Delivery Agent (VDA) machine workloads.
Click the Exhibit button to view the table.

The architect should scale the hardware used to host the virtual machines (VMs) for User Group 1 to cores. (Choose the correct option to complete the sentence.)

A. 32
B. 24
C. 96
D. 64
E. 16

Answer: B

NEW QUESTION 49
Scenario: The IT team of a company needs to mitigate the Hardware Layer to Microsoft Azure. The Virtual Delivery Agent (VDA) machines are manually provisioned within Microsoft Azure. The IT team asks a Citrix Architect for a solution for high availability of existing VDA machines in a single Azure data center. The objective is to be proactive about any hardware failure at Microsoft Azure, so that all virtual machines (VMs) will NOT be affected.
What should the architect recommend the IT team create in Microsoft Azure?

A. Resource group
B. Availability sets with fault domain
C. Availability sets with update domain
D. Availability zones

Answer: D

NEW QUESTION 52
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment for a company that maintains branch offices in New York, Chicago, and Miami. Management has described the following requirements for the environment:
 The Citrix Virtual Apps and Desktops Site must be located in the company headquarters in Miami.
 All users will only need to access their default local print queue from within their HDX sessions.
Printing performance and bandwidth usage must be optimized where possible.
 The environment must be highly available.
 The auto-created client printer models must function with no additional configuration needed.
Click the Exhibit button to review the printing requirements.

What does the architect need to do to meet the printing requirements for the users in Chicago?

A. Enable the Auto-create client printers policy with 'Auto-create all client printers' setting enabled.Enable the Universal print driver usage policy to 'Use universal printing only'. Apply the policy to all user
B. Then, install and configure the Citrix Universal Print Server components and configure the Universal Print Server policy to 'Enabled with no fallback to Windows native remote printing'. Last, create a session printer policy, add the network printers that will use the Universal Print Server, and apply the policy to the users in

Chicago.

C. Enable the Auto-create client printers policy with 'Auto-create all client printers' setting enabled.Enable the Universal print driver usage policy to 'Use universal printing only'. Apply the policy to Chicago user

D. Then, install and configure the Citrix Universal Print Server components and configurethe Universal Print Server policy to 'Enabled with fallback to Windows native remote printing'. Last, create a session printer policy, add the network printers that will use the Universal Print Server, and apply the policy to all users.

E. Enable the Auto-create client printers policy with 'Auto-create all client's default printer only' setting enable

F. Enable the Universal print driver usage policy to 'Use universal printing only if requested driver is unavailable'. Apply the policy to all user

G. Then, install and configure the Citrix Universal Print Server components and configure the Universal Print Server policy to 'Enabled with fallback to Windows native remote printing'. Last, create a session printer policy, add the network printers that will use the Universal Print Server, and apply the policy to all users.

H. Enable the Auto-create client printers policy with 'Auto-create all client's default printer only' setting enable

I. Enable the Universal print driver usage policy to 'Use universal printing only'. Apply the policy to all user

J. Then, install and configure the Citrix Universal Print Server components and configure the Universal Print Server policy to 'Enabled with fallback to Windows native remote printing'. Last, create a session printer policy, add the network printers that will use the Universal Print Server, and apply the policy to the users in Chicago.

Answer: D

NEW QUESTION 53
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment. The customer previously installed all applications locally on managed laptops and desktops, but is willing to evaluate other application delivery methods as part of the new deployment. The environment will be standardized on Windows 10 for the Virtual Delivery Agent (VDA) machines.

As part of an application analysis performed earlier in the project, the information in the exhibit was collected regarding 1 of the required applications.
Click the Exhibit button to view the information.

The customer's security policies mandate that all development software must run within the corporate data center, but should appear to the user as if it is running locally on the virtual machine (VM).
How should the architect recommend deploying the application?

A. Use Desktop OS machines to deliver VM hosted applications.
B. Install it directly on the endpoint devices, and include it in a virtual desktop session using the Local App Access feature.
C. Install it in an Application Layer using Citrix App Layering, then present it to users as an Elastic Layer during a virtual a virtual desktop session.
D. Stream it to a VDA machine using Microsoft App-V, and access it through a virtual desktop session.
E. Push it to users with a Workspace Environment Management (WEM) action option.

Answer: D

NEW QUESTION 56
Scenario: A Citrix Architect is designing a new Citrix Virtual Apps and Desktops environment.
The table in the exhibit lists details about the requirements of the current user groups and their Virtual Delivery Agent (VDA) machine workloads.
Click the Exhibit button to view the table.

The architect should scale the hardware used to host the virtual machines (VMs) for User Group 1 to cores. (Choose the correct option to complete the sentence.)

A. 32
B. 64
C. 96
D. 24
E. 16

Answer: D

Explanation:
https://docs.citrix.com/en-us/tech-zone/design/design-decisions/single-server-scalability.html#scalability-factors

NEW QUESTION 60
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