Number: 1Y0-311
Passing Score: 800
Time Limit: 120 min

https://www.gratisexam.com/
QUESTION 1
Scenario: A Citrix Engineer needs to configure a baseline Citrix policy for a new user group in the XenApp and XenDesktop environment. The users are connecting from branch offices over a WAN connection. The NetScaler SD-WANs are supporting each of the WAN connections. The users are connecting to Windows Server 2012 R2 published desktops. The primary objective of the policies is to utilize the WAN link bandwidth as optimally as possible.

Which two Citrix policy templates should the engineer use to accomplish this scenario? (Choose two.)

A. High Server Scalability
B. Optimized for CloudBridge
C. Optimized for WAN-Legacy OS
D. Optimized for WAN
E. High Server Scalability-Legacy OS

Correct Answer: AD
Section: (none)
Explanation: (none)

QUESTION 2
How does Fast Logoff in a Workspace Environment Management (WEM) infrastructure optimize the logoff experience for users?

A. Improves roaming profile synchronization performance on logoff
B. Allows processes to continue running in the background while user sessions appear to log off quickly
C. Terminates hung application processes within 10 seconds of logging off
D. Notifies the Delivery Controllers that pooled desktops are ready for assignment on logoff

Correct Answer: A
Section: (none)
QUESTION 3
Scenario: A Citrix Engineer added a second Provisioning Services server to an existing Provisioning Services Site for high availability. The engineer copied the virtual hard drive (VHD) files to the store on the new Provisioning Services server. After doing that, the second server did NOT show the disk as ‘available ’ under replication status.

Which is vDisk replication status failing for the new server?

A. The vDisk is still in Standard Mode.
B. The disk has to be replicated through Distributed File System Replication (DFSR).
C. The manifest file has NOT been created.
D. The .PVP file has NOT been copied.

Correct Answer: D

QUESTION 4
Scenario: A Citrix Engineer is managing a Provisioning Services environment. The day after a new vDisk version is rolled out to production, multiple users report issues with one of the core applications hosted on the vDisk image. The administrator wants to roll back the new change and allow the target devices to stream from a functioning vDisk as soon as possible.

How can the engineer accomplish this in the least amount of time?

A. Perform a vDisk merge to consolidated differencing disk, then restart the target devices.
B. Copy an older version of the vDisk from the backup storage location, then reassign all the target devices to the imported vDisk and restart them.
C. Revert the vDisk version to Maintenance or Test mode, then restart the target devices.
D. Create a new version of the vDisk and reinstall the application, then restart the target devices.

Correct Answer: D
QUESTION 5
Which two vDisk states allow a Citrix Engineer to make permanent changes to a VDisk? (Choose two.)

A. Production version  
B. Test version  
C. Private mode  
D. Maintenance version  
E. Standard mode

Correct Answer: BD

Explanation/Reference:

QUESTION 6
Scenario: A Citrix Engineer is troubleshooting a database-related issue in a XenDesktop Site. The engineer tested the connectivity between the Delivery Controller and SQL server by doing a ping test and verifying the firewall rules. Now the engineer wants to check the number of registered service instances with the directory.

Which PowerShell command should the engineer execute?

A. Get-ConfigServiceInstance  
B. Test-ConfigServiceInstanceAvailability  
C. Register-ConfigServiceInstance  
D. Get-ConfigRegisteredServiceInstance

Correct Answer: D

Explanation/Reference:
Reference [https://support.citrix.com/article/CTX216685](https://support.citrix.com/article/CTX216685)

QUESTION 7
Scenario: A Citrix Engineer has configured a Provisioning Services environment where all target devices are using the cache on device hard drive method and have
a persistent disk attached to them. The engineer enabled Citrix Profile Management for all users and installed new applications while the target device was started in Standard mode.

The new data will be stored __________ and __________. (Choose the correct option to complete the sentence).

A. On the vDisk, does NOT persist between restarts
B. In the profile; persists between restarts
C. In the write cache; does NOT persist between restarts
D. On the persistent drive; persists between restarts

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference: QUESTION 8
A Citrix Engineer has enabled Local Host Cache in a XenDesktop Site to manage outage situations.

Which three resources are supported by the Local Host Cache at the time of a database outage? (Choose three.)

A. Pooled VDI desktops created by Machine Creation Services (MCS)
B. Server-Hosted applications
C. Server-Hosted desktop
D. Static (assigned) desktops
E. Pooled VDI desktops created by Provisioning Services (PVS)

Correct Answer: ABD
Section: (none)
Explanation


QUESTION 9
Scenario: A Citrix Engineer found that a high number of Desktop OS machines are reported as ‘Unregistered’. The engineer successfully logs in to one of the affected Desktop OS machines as a domain user and finds that all of the affected Desktop OS machines are on the same hosting infrastructure.
Several Desktop OS machines on the same hosting infrastructure registered successfully. However, the users in the environment have NOT reported any issues.

What is causing the Desktop OS machines to be reported as ‘Unregistered’?

A. The difference in the system date and time settings on the Desktop OS machines and the Delivery Controller is greater than 5 minutes.
B. The computer account of the master image has been deleted from Active Directory.
C. The Broker Service is NOT running on the Delivery Controllers.
D. The Citrix License Server is NOT communicating over port 27000.

Correct Answer: A

Question 10

Scenario: A Citrix Engineer has implemented a multi-zone environment with the following characteristics:

- One Primary Zone in New York, one Satellite Zone in San Francisco and another in Singapore
- Microsoft Excel Application available in all zones
- Singapore zone configured as the App Home for Microsoft Excel
- San Francisco configured as the User Home for User1

User1 is currently located in the New York zone, and clicks the icon for Microsoft Excel in Receiver. User1 does NOT have any existing sessions in the environment.

Based on this scenario, a new session will be launched in ________. (Choose the correct option to complete the sentence).

A. Singapore
B. San Francisco
C. The VDA with the lowest load index
D. New York
Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
Which three components can a Citrix audit within Provisioning Services? (Choose three.)

A. Delegated Administrator Groups
B. Stores
C. Provisioning Services servers
D. Target Devices
E. Provisioning Services database

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
Scenario: A Citrix Engineer recently implemented Workspace Environment Management (WEM) in an existing XenDesktop infrastructure to include deployment of Agent Host on several Virtual Delivery Agent (VDA) machines. After beginning to configure various global settings for users, the engineer realized that all Agent Hosts should NOT share all the same settings, since each set of users requires different settings and policies for their sessions.

Which option should the engineer configure to provide different settings and policies for user sessions?

A. Use the existing single WEM Site to configure all required global settings and then configure each Agent Host to manage the different settings required for each user session.
B. Use the existing single WEM Site to configure all required global settings and allow the Site to manage the different settings required for each user session.
C. Create additional WEM Sites, then configure each Agent Host to manage the different settings required for each user session.
D. Create additional WEM Sites, set the required settings and policy configurations for each Site, then point each Agent Host to one of the Sites containing it needs to apply to user sessions.

Correct Answer: D
Section: (none)
QUESTION 13
Exhibit.
Scenario: A Citrix Engineer recently implemented XenDesktop in an environment. The environment has a provisioned Windows 10 virtual desktop layered with the help of Enterprise Layer Manager (ELM) and provisioned through Machine Creation Services (MCS).

Which set of files will be presented to the operating system through the composite file system merging process according to the diagram?

A. OS Layer – C.DAT & D. DAT
   App Layer- DAT & E. DAT
   User Layer – F. DAT & DAT
B. OS Layer – D. DAT
   App Layer- DAT & E. DAT
   User Layer – DAT, C. DAT & F. DAT
C. OS Layer – DAT & C. DAT
   App Layer- DAT & E. DAT
   User Layer – D. DAT & F. DAT
D. OS Layer – DAT, C. DAT & D. DAT
   App Layer- DAT & E. DAT
   User Layer – F. DAT

Correct Answer: C
Section: (none)
Explanation (none)

Explanation/Reference:

https://www.gratisexam.com/
QUESTION 14
Scenario: A Citrix Engineer is managing an existing XenDesktop and Workspace Environment Management (WEM) infrastructure. The engineer performed recent benchmarks on all the user applications. As a result of this investigation, the engineer determined that some applications are consuming excess memory even when they are idle and NOT actively being utilized by users. This results in performance degradation of active applications.

Which step can the engineer take to help improve the performance degradation of active applications?

A. Enable Working Set Optimization and set Idle State Limit to 10 minutes.
B. Enable Process I/O Priority and add Specified Processes.
C. Enable Working Set Optimization and set Idle Sample Time to 10 minutes.
D. Enable Working Set Optimization and Exclude Specified Processes.

Correct Answer: A
Section: (none)
Explanation

QUESTION 15
What should a Citrix Engineer do to ensure that HDX sessions connect using UDP with failback to TCP?

A. Change network Adapter setting manually.
B. Enable Framehawk policies.
C. Enable HDX Adaptive Transport
D. Enable Multi-Stream Computer/User setting.

Correct Answer: C
Section: (none)
Explanation

QUESTION 16
Scenario: A Citrix Engineer wants to secure the Virtual Delivery Agent (VDA) communication by enabling end-to-end encryption within an existing XenApp and XenDesktop environment. The environment has already been configured to provide external access through a NetScaler Gateway, but all other configurations are set to default.

https://www.gratisexam.com/
Which three actions will accomplish this? (Choose three.)

A. Enable TLS on the StoreFront servers.
B. Add a certificate to the Delivery Controllers
C. Enable TLS on the Delivery Controllers.
D. Add a certificate to the VDAs.
E. Add a certificate to the StoreFront servers.
F. Enable TLS on the VDAs.

Correct Answer: DEF
Section: (none)
Explanation

QUESTION 17
Which Provisioning Services component can communicate directly with the Farm database?

A. Store
B. Provisioning Services server
C. vDisk
D. Target device

Correct Answer: B
Section: (none)
Explanation

QUESTION 18
Which update requires a Citrix Engineer to reverse image a vDisk?

A. Target device software
B. Hypervisor tools
C. Anti-virus software
D. OS service pack

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference https://support.citrix.com/article/CTX202159

QUESTION 19
Scenario: A Citrix Engineer is deploying a Workspace Environment Management (WEM) in their existing company infrastructure. As part of the deployment, the Agent Host is being deployed and configured on the required virtual machines (VMs). The engineer will use the Agent Host .adm and .admx templates to apply the settings.

Which three Agent Host settings can the engineer set using the administrative templates? (Choose three.)

A. Agent anti-virus exclusions
B. Agent Event Log Path
C. Site Name
D. Agent Port
E. Connection Broker Name

Correct Answer: CDE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
Scenario: A Citrix user is connecting to a Virtual Delivery Agent (VDA) in an environment where Flash redirection is enabled for the entire Site with the default settings. However, the HDX protocol is NOT able to determine network security.

What will occur when the user attempts to access Flash content within the user session for the first time?

https://www.gratisexam.com/
A. A dialog box appear and lets the user choose how Flash is handled for that session.
B. No dialog box appears and Flash content is automatically played on the server.
C. A dialog box appears and lets the user choose how Flash is handled for future sessions.
D. No dialog box appears and Flash content is automatically played on the client device.

Correct Answer: A
Section: (none)
Explanation

QUESTION 21
Which three provisioning Services components can be located on the Provisioning Services server? (Choose three.)

A. Store
B. Provisioning Services Management console
C. DHCP, PXE and TFTP Services
D. Device collection
E. Target device

Correct Answer: CDE
Section: (none)
Explanation

QUESTION 22
How can a Citrix Engineer update applications in an AppLayering environment?

A. Create a new application layer and install the updated version of the application in it.
B. Grant the user administrative rights to update the applications.
C. Install applications with automatic updates into the OS layer.
D. Enable automatic updates in the App Layers.

Correct Answer: A
QUESTION 23
Scenario: A Citrix Engineer is designing a Provisioning Services environment based on the following environmental factors:

- A large number of target devices are spread over multiple subnets.
- The subnets include non-Provisioning Services machines that rely on starting up over the network.
- A security mandate prohibits the use of TFTP.
- Provisioning Services 7.6 Update 1 is being used to maintain LTSR compliance.

Which Provisioning Services boot method is appropriate for the target devices?

A. BDM ISO
B. DHCP Options
C. BIOS Embedded
D. BDM Disk Partition

Correct Answer: C

QUESTION 24
A Citrix Engineer needs to give users access to a new application which requires the installation of an additional application in order to function correctly.

Which layer should the engineer use while layering this new application for the users?

A. App Layer
B. Prerequisite Layer
C. Platform Layer
D. Elastic Layer

Correct Answer: B
QUESTION 25
What occurs after a Provisioning Services target device downloads or otherwise accesses the bootstrap file?

A. Steady-state streaming
B. The login process
C. IP acquisition
D. Single-Read mode

Correct Answer: D

Explanation/Reference:

QUESTION 26
Scenario: A Citrix Engineer is designing a Provisioning Services environment based on the following environmental factors:
- A large number of target devices are spread over multiple subnets.
- The subnets include non-Provisioning Services machines that rely on booting over the network
- A security mandate prohibits the use of TFTP.
- The XenDesktop Setup Wizard is used to create the target devices.

Which Provisioning Services boot method is appropriate for the target devices?

A. BDM Disk Partition
B. BIOS Embedded
C. DHCP Options
D. BDM ISO

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
Why would a Citrix Engineer implement TFTP load balancing?

A. To allow bootstrap download requests to be distributed among all available servers  
B. To allow concurrent streams to be balanced among all Provisioning Services servers in a Site  
C. To allow target devices to failover between Provisioning Services servers  
D. To allow user session requests to be sent to the least-loaded target device in a device collection

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
How can a Citrix Engineer add a network printer to Workspace Environment Management (WEM)?

A. Use the Management Agent Host Configuration ADMX template to specify the network printer location.  
B. Use the Import Network Print Server option to add the print server name, then connect to the network printer.  
C. Configure an XML printer list to add the print server, then connect to the network printer.  
D. Add the printer in the Control Panel portion of the environmental settings.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference https://docs.citrix.com/content/dam/pdfs/content/docs/en-us/workspace-environment-management/4-3/download.pdf
**QUESTION 29**
Which three actions are necessary when using the versioning vDisk update process? (Choose three.)

A. Perform updates using a single target device.
B. Make a full copy of the vDisk.
C. Put the vDisk into Private mode.
D. Create a maintenance version of the vDisk
E. Promote the changes to production.
F. Update the properties of the production target devices to use the updated vDisk.

**Correct Answer:** CDF
**Section:** (none)
**Explanation**

**Explanation/Reference:**

**QUESTION 30**
What is the default priority order for selecting the preferred zone in a multi-zone XenApp and XenDesktop environment?

A. User Location; Application Home; User Home
B. User Home; Application Home; User Location
C. Application Home, User Home; User Location
D. User Location; User Home; Application Home
E. Application Home; User Location; User Home

**Correct Answer:** C
**Section:** (none)
**Explanation**

**Explanation/Reference:**

**QUESTION 31**
Scenario: Users in a XenApp and XenDesktop environment need to access training videos, but CPU resources on the Virtual Delivery Agents (VDAs) should be preserved. However, the access to videos is limited to the VDAs only.

Which multimedia rendering policy should a Citrix configure to meet these requirements?
A. Server fetching and server rendering  
B. Media content blocked  
C. Client fetching and client rendering  
D. Server fetching and client rendering  

Correct Answer: D  
Section: (none)  
Explanation/Reference:  

QUESTION 32  
Which task should a Citrix Engineer perform before deleting an App Layer version?  
A. Remove any user assignments to the App Layer version.  
B. Merge all App Layer versions into the base App Layer.  
C. Remove any interactive Elastic Layer assignments.  
D. Create a snapshot of the base OS Layer.  

Correct Answer: A  
Section: (none)  
Explanation/Reference:  

QUESTION 33  
Which two database server permissions are required by the Streaming and SOAP Services during normal Provisioning Services operations, in addition to execute permissions on the stored procedures? (Choose two.)  
A. db_securityadmin  
B. db_datareader  
C. db_datawriter  
D. db_accessadmin  
E. db_owner  

Correct Answer: BC  

https://www.gratisexam.com/
QUESTION 34
Which three methods can a Citrix Engineer use to add target devices to a device collection? (Choose three.)

A. Manually add the target devices.
B. Add machines to a machine catalog.
C. Import them from a .CSV file.
D. Complete the Auto-Add wizard.
E. Create the target devices using a master template.

Correct Answer: ACD

QUESTION 35
Which two functions must be performed by a Provisioning Services server for all implementations? (Choose two.)

A. DHCP
B. PXE
C. TFTP
D. Login
E. Streaming

Correct Answer: AB

QUESTION 36
Scenario: A Citrix Engineering maintains a multi-zone XenDesktop infrastructure with two Virtual Delivery Agent (VDA) machines located in the Primary Zone and two VDAs in the Satellite Zone. Each zone contains a single Delivery Controller.

During an unexpected outage, the Delivery Controller in the Satellite Zone went offline and did NOT resume.

What will happen to the two VDAs in the Satellite Zone?

A. Both VDAs in the Satellite Zone will make intermittent attempts to re-register with the Delivery Controller in the Satellite Zone and then attempt to register with the Delivery Controller in the Primary Zone.
B. Both VDAs in the Satellite Zone will go to an unregistered state and NOT attempt to re-register until the local Delivery Controller resumes and is online.
C. Both VDAs in the Satellite Zone will immediately attempt to register with the Delivery Controller in the Primary Zone.
D. Both VDAs in the Satellite Zone will remain in a registered state, even when the Delivery Controller is offline.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37
In which scenario should a Citrix Engineer use the Streamed VM Setup wizard instead of the XenDesktop Setup wizard?

A. When using the client-side write cache
B. When automatically adding virtual machines to a machine catalog
C. When integrating XenApp 6.5
D. When using the BDM Disk Partition boot method

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38
What is the default auto-launch behavior for published applications and desktops within a XenApp and XenDesktop environment?

A. If a single application is published to the user, it will launch automatically.
B. No published applications or desktops launch automatically.
C. If a single desktop is published to the user, it will launch automatically.
D. All published applications launch automatically.
E. All published desktops launch automatically.

Correct Answer: C

Reference: http://www.carlstalhood.com/storefront-3-5-tweaks/