

Exam Questions 1Y0-312

Citrix Virtual Apps and Desktops 7 Advanced Administration

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NEW QUESTION 1

Which delegated administrator permission does a Citrix Engineer need to select to allow an administrator the ability to allocate resources to users and groups?

- A. Transformer Manager
- B. Action Manager
- C. System Utilities Manager
- D. Assignment Manager

Answer: D

NEW QUESTION 2

Which file is used to store a subscription on the Storefront server?

- A. PersistentDictionary.edb
- B. Web.config
- C. Subscription.txt
- D. Style.csv

Answer: A

Explanation:

<https://www.citrix.com/blogs/2014/10/10/what-subscriptions-and-server-groups-mean-for-storefront-designs/>

NEW QUESTION 3

Scenario: A Citrix Engineer has recently implemented Citrix Gateway in a Citrix Virtual Apps and Desktops environment. The engineer has done the testing with the test user account for authentication and enumeration of the published resources.

During the authentication at Citrix Gateway, the test user is getting the error "403 - Forbidden: Access is denied."

Which two configuration steps are causing this error? (Choose two.)

- A. The StoreFront address in the Citrix Gateway Session Profile matches the site address in StoreFront.
- B. DNS host entry is present on StoreFront to point to the Citrix Gateway virtual server.
- C. The intermediate and root certificates in Citrix Gateway console are NOT linked.
- D. The call back address is set to HTTP.

Answer: CD

Explanation:

<https://support.citrix.com/article/CTX206900>

NEW QUESTION 4

Within Workspace Environment Management (WEM), the engineer needs to increase the default Active Directory search timeout value of under the option of Active Directory Objects to correct this issue.

- A. 1000; Advanced
- B. 1000; Rules
- C. 500; Advanced
- D. 500; Rules

Answer: A

Explanation:

<https://support.citrix.com/article/CTX233387>

NEW QUESTION 5

Which two Citrix Diagnostic tools can upload files directly to Citrix Insight Services (CIS)? (Choose two.)

- A. Citrix Scout
- B. Citrix Diagnostic Facility (CDF) Control
- C. Citrix Diagnostic Facility (CDF) Monitor
- D. Citrix Receiver Diagnostics

Answer: AB

NEW QUESTION 6

Which three minimum permissions should a Citrix Engineer configure for a user or group in the security settings of the User Layer folder? (Choose three.)

- A. Modify Folder
- B. Create Folder/Append Data
- C. Write Attributes
- D. Read Attributes
- E. List Folder/Read Data

Answer: BDE

NEW QUESTION 7

What is a Citrix App Layering recipe?

- A. Documented sequence of steps for integrating applications into Citrix App Layering
- B. Scripts to automate the deployment of a Citrix App Layering infrastructure
- C. Scripts to automate the deployment of applications into Citrix App Layering
- D. Documented sequence of step for installing a Citrix App Layering infrastructure

Answer: A

Explanation:

<https://docs.citrix.com/en-us/citrix-app-layering/4/layer/app-layering-recipes.html>

NEW QUESTION 8

Scenario: A Citrix Engineer is working on an existing Citrix Virtual Apps and Desktops environment with two Delivery Controllers each in Primary zone and Secondary zone located in two different datacenters respectively. Due to an outage in the Primary zone datacenter, both Delivery Controllers in the Primary zone failed to start.

Which three statements will be true in this scenario? (Choose three.)

- A. Site performance will increasingly degrade until the Delivery Controllers in the Primary zone become available.
- B. Connections to Virtual Delivery Agent (VDA) machines in the Secondary zone cannot be made.
- C. Studio cannot connect to the site.
- D. Connections to Virtual Delivery Agent (VDA) machines in the Primary zone cannot be made.
- E. Existing sessions in the Primary zone will be disconnected.

Answer: ACD

NEW QUESTION 9

Scenario: A Citrix Engineer is managing a large environment with multiple locations. The setup is as follows:

- The setup has a single Citrix Virtual Apps and Desktops site with multiple zones such as a Primary zone and 3 Satellite zones.
- Virtual Delivery Agents (VDAs) are available for all applications in all 3 Satellite zones.
- An application 'app1' has its application database located in Satellite zone.
- As a sovereign mandate, it is desirable that this application database should NOT be accessible from zones 2 and 3.
- The application does NOT create any database cache and cannot work if the database is NOT reachable. - The outage is acceptable for complying with the sovereign mandate.

Which zone preference should the engineer configure to achieve this setup?

- A. Mandatory application home to Satellite zone 1
- B. User home to Satellite zone 1
- C. Mandatory user home to Satellite zone 1
- D. Application home to Satellite zone 1

Answer: A

Explanation:

<https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/manage-deployment/zones.html>

NEW QUESTION 10

A Citrix Engineer needs to return an environment back to normal operations after a Disaster Recovery (DR) occurred.

Which two tasks does Citrix recommend to move the users from the backup datacenter to the primary datacenter? (Choose two.)

- A. Terminate existing user sessions.
- B. Block access to the Disaster Recovery datacenter.
- C. Enable access to the primary datacenter.
- D. Block access to the primary datacenter.
- E. Enable access to the Disaster Recovery datacenter.

Answer: BC

NEW QUESTION 10

Scenario: A Citrix Engineer needs to use Citrix App Layering to create layered images for use with a Citrix Virtual Apps and Desktops environment.

The environment requires the following (MCS) Machine Creation Services-provisioned images:

- Windows 10 Virtual Delivery Agent (VDA) machines with App A, App B, and App C installed
- Windows Server 2016 VDA machines with App A, App B, and App C installed

The environment is in the middle of long-term hypervisor migration and uses both Citrix Hypervisor and Microsoft Hyper-V to host VDA machines. The images must be available on both hypervisor types.

The engineer has determined that Elastic and User Layers will NOT be used in this environment.

In this scenario the engineer will need layered image(s) and OS Layer(s) to meet the image requirements while minimizing administrative effort.

- A. 4; 4
- B. 4; 1
- C. 2; 1
- D. 2; 2
- E. 4; 2
- F. 2; 4

Answer: CE

NEW QUESTION 14

Scenario: A Citrix Engineer is maintaining a Citrix Virtual Apps and Desktops environment and has deployed Workspace Environment Management (WEM) within the infrastructure to provide resources to users in their sessions. The engineer initially deployed a Network Printer and it is working correctly for all users in their sessions. Recently, the engineer added a second resource, a Network Share Drive, and users are reporting that it is never available in their sessions. The engineer verified the Action for this Network Share Drive to ensure it is correctly configured, and the required Conditions are listed under the WEM Filters node. The Everyone group has already been added to the Assignments node within the WEM console. What should the engineer enable from the Advanced Settings node to correct this issue?

- A. The Agent Options to Enforce Network Drives Filters Processing
- B. The Agent Actions option to Process Virtual Drivers
- C. The Agent Actions option to Process Network Drivers
- D. The Agent Options to Enforce Virtual Drives Filters Processing

Answer: C

Explanation:

<https://docs.citrix.com/en-us/workspace-environment-management/current-release/user-interface-description/ad>

NEW QUESTION 16

Scenario: An existing setup of session recording has stopped working. After investigating, a Citrix Engineer finds that the Session Recording Agent cannot connect to the Session Recording Server. The following error is displayed:

"The underlying connection was closed. Could not establish a trust relationship for the SSL/TLS secure channel. "

Which two issues could cause this error? (Choose two.)

- A. The Session Recording server is down or unavailable to accept requests.
- B. The sessions are started but a request for a record policy evaluation was NOT made.
- C. The server hosting the Session Recording Agent does NOT have a CA certificate.
- D. The Session Recording server is using a certificate signed by a CA that the server hosting the Session Recording Agent does NOT trust.

Answer: CD

Explanation:

"The underlying connection was closed. Could not establish a trust relationship for the SSL/TLS secure channel. This exception means that the Session Recording Server is using a certificate that is signed by a CA that the server on which the Session Recording Agent resides does not trust, or have a CA certificate for. Alternatively, the certificate might have expired or been revoked."

<https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/monitor/session-recording/troubleshooting.html>

NEW QUESTION 21

Which FlexCast Management Architecture (FMA) service failure can cause issues, when accessing Citrix Studio?

- A. Citrix Analytics
- B. Citrix Configuration Logging Service
- C. Citrix Broker Service
- D. Citrix Configuration Service

Answer: C

NEW QUESTION 23

What does a Citrix Engineer need to know when adding a new StoreFront server, in terms of StoreFront scalability?

- A. StoreFront server groups containing a combination of operating systems are supported.
- B. All servers in a server group must reside in the same location.
- C. All servers in a server group can reside in multiple locations.
- D. StoreFront server groups containing a combination of StoreFront versions are supported.

Answer: B

NEW QUESTION 24

A Citrix Engineer is in the process of updating application layers.

Which three layer integrity messages must the engineer address before finalizing the application layer? (Choose three.)

- A. User profile updates are in progress
- B. A restart is pending to update drivers on the boot disk
- C. Additional users are logged on to the machine
- D. A post-installation restart is pending
- E. An MSI install operation is in progress

Answer: BDE

NEW QUESTION 29

What are two valid Redundancy options for the Citrix License Server? (Choose two.)

- A. Use Citrix Application Delivery Management (ADM) High Availability (HA).
- B. Use Citrix Application Delivery Management (ADM) Load Balancing.
- C. Create a standby License Server.
- D. Create a Microsoft cluster with multiple nodes.
- E. Configure a Citrix License Server High Availability (HA) pair.

Answer: CD

Explanation:

<https://docs.citrix.com/en-us/licensing/current-release/clustered-license-servers.html>

NEW QUESTION 32

Scenario: A Citrix Engineer recently changed the XML port in the Citrix Virtual Apps and Desktops site. After the change, the engineer observed that there is an XML communication port mismatch. The engineer immediately identified that the port was only changed on the Delivery Controller and no change was performed on the StoreFront server.

What are the two ways the engineer can change the port on the StoreFront server to match the changes made on the Delivery Controller? (Choose two.)

- A. Run a PowerShell command on the Delivery Controller to change the port on the StoreFront server
- B. Make changes in the web.config file on the StoreFront server
- C. Run a PowerShell command on the StoreFront server
- D. Make changes in the StoreFront settings using the StoreFront console

Answer: BC

NEW QUESTION 35

Scenario: There are two domains in an organization: Domain A and Domain B. A Citrix Engineer configured SAML authentication for Domain A, without implementing Citrix Federated Authentication Service (FAS).

While launching the Citrix apps, the Single Sign-on will.

- A. work for users from Domain A and NOT for users from Domain B
- B. work for users from Domain B and NOT for users from Domain A
- C. work for the users from Domain A and Domain B
- D. NOT work for the users from Domain A and Domain B

Answer: B

Explanation:

"With SAML, Citrix Gateway and StoreFront do not have access to the user's password and thus cannot perform single sign-on to the VDA. FAS works around this limitation by using issuing certificates that can be used to logon to the VDA." - Reference:

<https://www.carlstalhood.com/citrix-federated-authentication-service-saml/>

NEW QUESTION 38

Which two statements are valid when designing a Citrix Cloud Disaster Recovery plan? (Choose two.)

- A. Disaster Recovery for Citrix Cloud includes only the components that are NOT within Citrix Cloud.
- B. Citrix Cloud supports multiple zones.
- C. Citrix Cloud does NOT support multiple resource locations.
- D. Local Host Cache (LHC) would NOT be helpful in a Citrix Cloud setup during a Disaster Recovery scenario.

Answer: CD

NEW QUESTION 40

How can a Citrix Engineer use Session-Based Computing/Hosted Virtual Desktop (SBC/HVD) Tuning to optimize a user's desktop?

- A. Control user permissions to external drives.
- B. Intelligently modify CPU resource allocation.
- C. Modify settings that improve the user experience.
- D. Enable Single Sign-on to the virtual desktop.

Answer: C

Explanation:

<https://docs.citrix.com/en-us/workspace-environment-management/current-release/user-interface-description/pol>

NEW QUESTION 45

Which two actions should a Citrix Engineer take when upgrading a Workspace Environment Management (WEM) environment? (Choose two.)

- A. Ensure that a valid database backup is created before launching the upgrade process
- B. Leave the WEM database in the Always On availability group
- C. Run the database upgrade utility under an identity that has sysadmin permissions
- D. Specify the SQL Server SA credentials during the upgrade wizard
- E. Run the WEM database management utility on all the WEM brokers

Answer: AC

NEW QUESTION 50

Which command can a Citrix Engineer use to get information about a Citrix Virtual Apps and Desktops setup?

- A. Get-BrokerSite
- B. Get-BrokerController
- C. Get-BrokerDesktop
- D. Get-BrokerSession

Answer: A

Explanation:

<https://developer-docs.citrix.com/projects/delivery-controller-sdk/en/latest/Broker/Get-BrokerSite/>

NEW QUESTION 53

How often should a Citrix Engineer backup the Citrix database, based on Citrix recommendations?

- A. After changes are made to the environment
- B. Daily
- C. Weekly
- D. Before any change to the environment

Answer: B

Explanation:

<https://docs.citrix.com/en-us/advanced-concepts/implementation-guides/sql-server-and-citrix-databases.html>"

NEW QUESTION 54

From which component does a Delivery Controller get load index session distribution?

- A. Virtual Delivery Agent (VDA) machines
- B. Citrix Director
- C. Citrix policies
- D. Site database

Answer: A

NEW QUESTION 59

Scenario: A Citrix Engineer needs to use Citrix App Layering to create layered images for use with a Citrix Virtual Apps and Desktops environment.

The environment currently has the following (MCS) Machine Creation Services-provisioned images.

-Windows 10 Virtual Delivery Agent (VDA) machines with App A, App B, and App C installed

-Windows 10 VDA machines with App A and App B installed

Application A is a common app that is needed by all users. Application B is a time reporting app needed by all individual contributors, and Application C is a managerial app needed by executives, but restricted from use by everyone else.

The environment uses Citrix Hypervisor to host all VDA machines.

To meet the minimum requirements while reducing administrative effort, the engineer would need layered image(s), using.

- A. 1; an Elastic Layer
- B. 1; a User Layer
- C. 1; no Elastic or User Layers
- D. 2; no Elastic or User Layers

Answer: A

Explanation:

<https://docs.citrix.com/en-us/citrix-app-layering/4/layer/assign-elastic-layers.html>

NEW QUESTION 63

Which three pre-requisites should a Citrix Engineer take into consideration when configuring Smart Card authentication in the Citrix Virtual Apps and Desktops environment? (Choose three.)

- A. Install the vendor's Smart Card middleware on the virtual or physical machines running the Virtual Delivery Agent (VDA) that provide user's desktops and applications.
- B. Enable pass-through with Smart Card authentication to ensure Smart Card readers type, middleware type and configuration, and middleware PIN caching policy permit this.
- C. Enable a two-way trust relationship with the StoreFront server and the domain.
- D. Ensure that the public-key infrastructure (PKI) is configured appropriately.
- E. Ensure that Domain Passthrough authentication for the Store is on the StoreFront server.

Answer: ACD

Explanation:

<https://docs.citrix.com/en-us/storefront/1912-ltsr/configure-authentication-and-delegation/configure-smart-card>.

NEW QUESTION 66

Which two considerations should a Citrix Engineer be aware of when building Platform Layers within a multi- hypervisor Citrix App Layering environment? (Choose two.)

- A. Platform Layers allow for publishing a Layered Image.
- B. Platform Layers are optional and are NOT required when publishing a Layered Image base.
- C. The Enterprise Layer Manager (ELM) Repository storage maintains a maximum limit of five Platform Layers that can be built and maintained on it at a given time.
- D. There needs to be one Platform Layer per targeted virtual environment considering the provisioning type and hypervisor destination.

Answer: AD

NEW QUESTION 69

Which database high availability option does Citrix recommend for Workspace Environment Management (WEM)?

- A. Always On
- B. Mirroring
- C. Replication
- D. Clustering

Answer: A

Explanation:

<https://docs.citrix.com/en-us/workspace-environment-management/current-release/system-requirements.html#sq>

NEW QUESTION 74

Scenario: A Citrix Engineer recently took over a multi-zone environment with one Primary zone in New York and two Secondary zones in San Francisco and Orlando respectively. The New York zone has two Delivery Controllers, San Francisco has one Delivery Controller, and the Orlando zone has two Delivery Controllers. The engineer received alerts that the Orlando zone Delivery Controllers were down. Where will the Orlando zone Virtual Delivery Agent (VDA) machines register?

- A. San Francisco Delivery Controllers
- B. New York Delivery Controllers
- C. New York and Orlando Delivery Controllers
- D. New York and San Francisco Delivery Controller

Answer: A

NEW QUESTION 78

A Citrix Engineer is taking over the management of an environment in which non-persistent machines were deployed with Workspace Environment Management (WEM) Agent.

Which two statements are true for this environment? (Choose two.)

- A. The Agent would need to contact the Infrastructure Service after restart to gather cache data again
- B. The cache is lost at each restart without a persistent disk
- C. The environment is NOT supported because the usage of a persistent disk is mandatory when using WEM
- D. The WEM Agent applies real time updates only when the persistent disk is used

Answer: AB

NEW QUESTION 82

Scenario: A Citrix Engineer needs to integrate the current Citrix Gateway with the StoreFront servers. During the wizard setup, the engineer was asked to add two Secure Ticket Authority (STA) servers as Citrix leading practice for high availability. The engineer should add two servers as STA servers to accomplish this.

- A. Delivery Controller
- B. StoreFront
- C. Citrix Cloud Connector
- D. Domain Controller

Answer: C

NEW QUESTION 86

Which component must a Citrix Engineer use to configure security settings on User Layer folders?

- A. Delivery Controller
- B. Site database
- C. File server
- D. Enterprise Layer Manager (ELM) Server Management console

Answer: D

Explanation:

<https://docs.citrix.com/en-us/citrix-app-layering/4/layer/enable-user-layers.html#configure-security-settings-on>

NEW QUESTION 88

In which two ways can a Citrix Engineer encrypt communication between the Virtual Delivery Agent (VDA) machines and Citrix Workspace app? (Choose two.)

- A. Install a certificate on the Delivery Controllers.
- B. Enable TLS on the VDA machines.
- C. Install a certificate on the VDA machines.
- D. Enable TLS on the StoreFront servers.

Answer: BC

NEW QUESTION 91

Scenario: A user from the 'test.com' domain is browsing a StoreFront server from the 'corp.com' domain with URL: <https://sf.corp.com>. The user notices that the browser redirects to a server with URL: [https:// apps.test.com](https://apps.test.com) and again back to <https://sf.corp.com>. The user logged into the StoreFront store without getting any

authentication prompt.
is the Identity provider and is the authentication method used in this scenario.

- A. sf.corp.com; Kerberos
- B. sf.corp.com; NTLM
- C. apps.test.com; SAML
- D. apps.test.com; NTLM
- E. sf.corp.com; SAML

Answer: C

Explanation:

<https://support.citrix.com/article/CTX220638>

NEW QUESTION 92

Scenario: A Citrix Engineer is administering a Citrix Virtual Apps and Desktops environment consisting of multiple zones, including a Primary zone and two Satellite zones. Both the Primary and Satellite zones contain just a single Delivery Controller. Recently, the Virtual Delivery Agent (VDA) machines in the Primary zone experienced failures with registration, resulting in many users being unable to access resources for several days. With minimal administrative effort, the engineer should add a second Delivery Controller to prevent this issue from occurring.

- A. the Primary zone location
- B. one of the Satellite zones
- C. the Primary zone and both Satellite zones
- D. both Satellite zones, but NOT the Primary zone

Answer: A

NEW QUESTION 95

Which two considerations are accurate regarding the Process Management feature of Workspace Environment Management (WEM)? (Choose two.)

- A. When WhiteList is enabled, any process NOT added to the BlackList will be automatically whitelisted
- B. When using exclusions for either Local Administrators or Specified Groups, it is available for ProcessBlacklist, but NOT for Process WhiteList
- C. When WhiteList is enabled, any process NOT added to the WhiteList will be automatically blacklisted
- D. When adding application processes to either the BlackList or the WhiteList, they need to be designated by the full executable name

Answer: CD

NEW QUESTION 99

Scenario: An organization has two Citrix Virtual Apps and Desktop Sites; Site A and Site B. Both Sites have their own StoreFront and Citrix ADC. The resource group is placed in Site B. A user from Site A tries to logon and launch an application from Site B. The enumeration will occur through StoreFront Site and the application launch will occur through Citrix ADC Site when Optimal Gateway routing is configured.

- A. B; A
- B. A; A
- C. B; B
- D. A; B

Answer: D

NEW QUESTION 104

Which two statements are true regarding the Citrix App Layering Management Console? (Choose two.)

- A. It is only supported as an on-premises solution for Citrix App Layering.
- B. It is used to manage system settings for Citrix App Layering.
- C. It is used to add layered images into Citrix Studio.
- D. It is a web-based console that runs on the Enterprise Layer Manager (ELM) server.
- E. It coordinates all communications within the Citrix App Layering environment.

Answer: BD

Explanation:

<https://docs.citrix.com/en-us/tech-zone/design/reference-architectures/app-layering.html>

NEW QUESTION 106

Scenario: A Citrix Engineer configured two Sites: Production and Disaster Recovery. During an outage in the Production Site, the Virtual Delivery Agent (VDA) registration in the Disaster Recovery Site has failed. What are two possible causes for this issue? (Choose two.)

- A. TCP port 443 is NOT open between the VDA and Delivery Controllers on the Disaster Recovery Site
- B. The VDA is configured with a GPO to register with the Delivery Controllers from the Production Site
- C. The Delivery Controllers were set manually during VDA configuration and point to the Production Site
- D. The Delivery Controllers in the Disaster Recovery Site were NOT able to contact the Delivery Controllers in the Production Site to complete the registration process

Answer: AD

NEW QUESTION 110

A Citrix Engineer is looking for ways to secure the Virtual Delivery Agent (VDA) in the Citrix Virtual Apps and Desktops environment. Which three steps should the engineer follow to secure the VDA? (Choose three.)

- A. Add the certificate on Citrix Gateway
- B. Enable TLS on the Delivery Controllers
- C. Add the certificate to the VDA
- D. Enable TLS on the VDA
- E. Add the certificate on the StoreFront server

Answer: ADE

NEW QUESTION 112

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