

Citrix

Exam Questions 1Y0-312

Citrix Virtual Apps and Desktops 7 Advanced Administration



NEW QUESTION 1

Which type of application does the User Layer support?

- A. Applications that modify the network stack
- B. Applications that modify hardware
- C. Applications with boot level drivers
- D. Applications that contain add-ins

Answer: D

NEW QUESTION 2

Which three components will be available during a SQL Server outage? (Choose three.)

- A. Hosted Windows and Browser Applications
- B. Personal Desktops
- C. Hosted Shared Desktops
- D. Remote PC Desktop (for Automatic enrollment)
- E. Citrix Studio

Answer: ABC

NEW QUESTION 3

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 4

What is the first step in the migration process of an on-premises Workspace Environment Management (WEM) environment that is currently in production to a WEM Citrix Cloud service?

- A. Reinstall the WEM service agent on managed machines.
- B. Export the data within the database to a SQL file.
- C. Download the migration tool from the WEM service Downloads tab.
- D. Modify permissions on the infrastructure service.

Answer: C

NEW QUESTION 5

Which two statements are true regarding the creation of OS Layers with Citrix App Layering? (Choose two.)

- A. When there is a need to update the OS of a layered image, it is ideal to create a new OS Layer.
- B. Virtual machines built as the OS Layer should be joined to a functional Active Directory domain within the infrastructure that will be utilized.
- C. The Windows Updates feature should be left enabled within the OS Layer in case any new updates occur once the OS Layer is deployed.
- D. Any Microsoft products that are updated by the Windows Updates feature should be included in the OS Layer.
- E. For best performance, complete a clean installation of the Windows operating system when building an OS Layer.

Answer: DE

NEW QUESTION 6

When troubleshooting authentication issues through Citrix Gateway, the raw event output from the audit daemon can be reviewed in the.

- A. ns.log
- B. aaad.debug module
- C. Wireshark trace
- D. nsvpn.log

Answer: B

NEW QUESTION 7

Which two considerations should a Citrix Engineer be aware of when creating application layers with Citrix App Layering? (Choose two.)

- A. Windows and Application updates should be turned off.
- B. Applications should be installed onto the packaging machine from an ISO or a fileshare location.
- C. There is no support for applications that require prerequisites in order to operate.
- D. Install the appropriate hypervisor tools on the packaging machine at the same time the applications are installed.
- E. Cross-talk between application layers is NOT supported after they are published in Citrix App Layering.

Answer: AB

Explanation:

<https://support.citrix.com/article/CTX225371>

- Install apps from a share or an ISO versus downloading them to the desktop to keep layer size to a minimum.
- Turn off automatic updates for applications. If automatic updates are left on, the updates will be put into the personalization layer. -- If this happens, you can use the "reinstall" feature to take back control of the application, and clearing the personalization layer of these conflicts/updates. - When installing an application that requires being part of a domain, it is ok to add the installation machine to the domain. -- After installing the application, remove the installation machine from the domain. -- Clean up the left over computer object in active directory - Installation machines can be added to View pools. Remember to remove them before finalizing the layer. This will prevent View certificate information from being saved in the layer.

NEW QUESTION 8

Which two statements are true for a Workspace Environment Management (WEM) configuration set? (Choose two.)

- A. A WEM Agent can point to more than one WEM configuration set.
- B. The Environmental Settings within the WEM Administration Console are per machine, NOT per user.
- C. Multiple configuration sets are needed in cases of different global settings for different agents.
- D. A configuration set is related to a Citrix Virtual Desktops site and is NOT an independent entity.

Answer: BC

NEW QUESTION 9

A Citrix Engineer wants to setup multi-site configurations, grouping Citrix Virtual Apps and Desktops deployments that deliver the same desktop or application so that identical resources can be aggregated for users.

What are two considerations regarding resources that the engineer needs to consider before setting up multi- site configuration? (Choose two.)

- A. They must have the same name.
- B. They should be delivered from the same site.
- C. They must have the same path on each server to be aggregated.
- D. They must be tagged.

Answer: AC

NEW QUESTION 10

Which three layers can a Citrix Engineer include in an image template? (Choose three.)

- A. Platform
- B. OS
- C. User
- D. Application
- E. Elastic

Answer: ABD

Explanation:

<https://docs.citrix.com/en-us/citrix-app-layering/4/publish/create-image-template.html>

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 15

Scenario: A Citrix Engineer noticed that a Citrix Virtual Apps and Desktops environment lost connection to the SQL servers where the Citrix databases are running. Due to this, the Site has become unmanaged and first- time users CANNOT connect to their Citrix Virtual Apps & Desktops resources.

The setup was recently upgraded from Citrix Virtual Apps and Desktops 7.11 to Citrix Virtual Apps and Desktops 7.15 CU4.

What should the engineer do to minimize the impact of the SQL outage?

- A. Enable Connection Leasing.
- B. Enable IntelliCache.
- C. Enable Local Host Cache.
- D. Configure Citrix Database Cache.

Answer: C

Explanation:

<https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/manage-deployment/local-host-cache.html#:~:tex>

NEW QUESTION 16

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 18

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 21

How can a Citrix Engineer setup synchronization of subscription data between server groups using a replication schedule?

- A. Execute a Windows PowerShell command on the StoreFront server
- B. Make changes in the subscription file on the StoreFront server
- C. Make changes in the web.config file on the StoreFront server
- D. Use the StoreFront console

Answer: B

NEW QUESTION 23

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 26

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 27

Scenario: A Citrix Engineer created four application layers with different applications at different time stamps as shown below:

App Layer A – Microsoft Office Professional – 15/08/2019, 14:28

App Layer B – Adobe Acrobat Reader and Cisco Webex – 14/07/2019, 11:45

App Layer C – Active Directory Users & Computers, Citrix Studio – 20/08/2019, 16:10

App Layer D – Google Chrome and GoToMeeting – 27/07/2019, 10:35

Which layer would hold the highest priority in this scenario?

- A. App Layer A

- B. App Layer D
- C. App Layer B
- D. App Layer C

Answer: D

Explanation:

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

NEW QUESTION 31

Scenario: A large company recently acquired a smaller company. A Citrix Engineer needs to add more resources in the environment, so that all users can access the published resources.

The engineer has planned to add six more StoreFront servers to the existing StoreFront server group with four StoreFront servers.

The engineer found that the scalability declined after reaching the seventh StoreFront.

What should the engineer increase in the StoreFront server group to prevent issues in the scalability?

- A. The RAM for the initial StoreFront servers before adding more servers.
- B. The CPUs allocated to the initial StoreFront servers, before adding more servers.
- C. The RAM for the six new StoreFront servers.
- D. The CPUs allocated for the six new StoreFront servers.

Answer: B

NEW QUESTION 36

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 39

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 42

Scenario: A Citrix Engineer is managing Virtual Delivery Agent (VDA) registrations in a Citrix Virtual Apps and Desktops environment.

In which two types of deployments will the auto-update policy for VDA registration be self-managed? (Choose two.)

- A. Deployments that use Citrix Provisioning with a write cache drive.
- B. Deployments that use the Delivery Controllers or Controller SIDs policy setting.
- C. Deployments that do NOT use Controller groups.
- D. Deployments that use ListOfSIDs.

Answer: BD

NEW QUESTION 47

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 49

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 50

Scenario: A Citrix Engineer administering a Citrix Virtual Apps and Desktops environment is experiencing inconsistency with Virtual Delivery Agent (VDA) registration. After much investigation, the engineer determined the issue is resulting from intermittent problems with the Windows services on the VDA machine and the Delivery Controller.

Which set of Citrix services should the engineer troubleshoot to find the root cause?

- A. BrokerAgent.exe and BrokerService.exe
- B. BrokerAgent.exe and Citrix.Host.exe
- C. BrokerService.exe and Citrix.Host.exe
- D. PicaSvc2.exe and BrokerService.exe

Answer: A

Explanation:

<https://support.citrix.com/article/CTX139415>

NEW QUESTION 53

A Citrix Engineer can useandto optimize the performance of Windows workloads.

- A. Citrix Workspace Environment Management (WEM)
- B. Citrix Studio
- C. Citrix Optimizer
- D. Citrix Director
- E. Citrix App Layering

Answer: AC

NEW QUESTION 58

Which two components directly communicate with each other during the process of resource launch, when Federated Authentication Service (FAS) is used? (Choose two.)

- A. Certificate Authority and Domain Controller
- B. FAS Server and Delivery Controller
- C. FAS Server and Citrix ADC
- D. FAS Server and Virtual Delivery Agent (VDA)

Answer: AD

NEW QUESTION 63

Which two statements are valid regarding communication of Flexcast Management Architecture (FMA) services with the database? (Choose two.)

- A. Monitoring Service will NOT have an additional separate connection to a secondary database.
- B. Configuration Logging will NOT have an additional separate connection to a secondary database.
- C. Each of the Citrix services establishes its own direct connection to the site database.
- D. Each of the Citrix services use Citrix Configuration Service (CCS) to connect to the site database.
- E. Configuration Logging will have an additional separate connection to a secondary database.

Answer: CE

Explanation:

<https://ramprasadtech.com/the-flexcast-management-architecture-key-takeaways/>

NEW QUESTION 68

A SQL Database Administrator has been asked to create a backup policy for the Citrix Virtual Apps and Desktops databases. Which three SQL databases does a SQL Database Administrator need to back up for a Citrix environment? (Choose three.)

- A. Monitoring database
- B. Site database
- C. Configuration Logging database
- D. License Server database

E. Subscription database

Answer: ABC

NEW QUESTION 69

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 73

Scenario: A Citrix user is accessing a Windows 10 VDI machine using a personal laptop. The VDI is becoming unregistered frequently, which is making it difficult for the user to access it. In order to troubleshoot the issue, a Citrix Engineer is assigned to collect CDF logs.

On which two components should the engineer run Citrix Diagnostic Facility (CDF) control to capture the required logs? (Choose two.)

- A. Windows 10 VDI
- B. Delivery Controller
- C. StoreFront server
- D. User's personal laptop

Answer: AB

Explanation:

<https://support.citrix.com/article/CTX224308>

NEW QUESTION 76

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 78

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 82

Which two statements are true for Workspace Environment Management (WEM) Memory Management? (Choose two.)

- A. WEM will NOT release the process's excess RAM to the page file when the process becomes idle.
- B. WEM can exclude specific processes from being optimized.
- C. WEM calculates how much RAM a process is using and the minimum amount of RAM a process needs.
- D. WEM optimizes specific applications during a desktop session based on priority.

Answer: BC

Explanation:

<https://docs.citrix.com/en-us/workspace-environment-management/service/user-interface-description/system-opt>

NEW QUESTION 83

What is the first step that the Enterprise Layer Manager (ELM) server takes when creating application layers?

- A. Once the engineer manually creates the packaging machine, the ELM server initiates a connection to the packaging machine

- B. Once a packaging machine is created, the next step is to finalize the targeted installation, using the application layering finalization software
- C. Once the process to create a layer is initiated from the Layering Management Console, the ELM server then uses a connector to build a packaging machine
- D. Once the packaging machine is finalized, any application installation or configuration should be performed and completed

Answer: C

NEW QUESTION 84

Scenario: A Citrix Engineer needs to upgrade a large Citrix Virtual Apps and Desktops environment to a higher version. The engineer is looking for information on Delivery Controller and Virtual Delivery Agent (VDA) machine Microsoft hotfixes and service packs along with the site information and the License Server information.

Which tool should the engineer use to extract the required information?

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

Answer: D

Explanation:

<https://docs.citrix.com/en-us/citrix-virtual-apps-desktops/manage-deployment/cis/scout.html#what-is-collected>

NEW QUESTION 87

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