

Citrix

Exam Questions 1Y0-312

Citrix Virtual Apps and Desktops 7 Advanced Administration



NEW QUESTION 1

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 2

Scenario: A Citrix Engineer manages a Citrix Virtual Apps and Desktops on-premises environment, which includes the following Citrix infrastructure servers running in the datacenter:

- Two Citrix Gateway servers
- Two StoreFront servers
- Two Delivery Controllers
- One Citrix Director server
- One Citrix License Server
- Two SQL servers

The engineer needs to move the Control Layer to Citrix Cloud as part of the business goals for this year. Which statement is true regarding Citrix Gateway for this environment?

- A. The Citrix Cloud Connector acts as a Secure Ticket Authority (STA) server on the Citrix Gateway
- B. Citrix Gateway must be moved to Citrix Cloud
- C. Citrix StoreFront must be moved to Citrix Cloud
- D. The Delivery Controllers act as Secure Ticket Authority (STA) servers on the Citrix Gateway

Answer: B

NEW QUESTION 3

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 4

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 5

Which two statements are true when Citrix App Layering is used with Citrix Virtual Apps and Desktops? (Choose two.)

- A. Citrix App Layering offers all the same functionality as Citrix Provisioning (PVS).
- B. Citrix App Layering simplifies application deployments and updates.

- C. Citrix App Layering reduces management of multiple golden images.
- D. Citrix Machine Creation Services (MCS) catalogs can be updated within the Citrix App Layering Management console.

Answer: BC

Explanation:

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

NEW QUESTION 6

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://ramprasadtch.com/the-flexcast-management-architecture-key-takeaways/>

NEW QUESTION 7

Which two components should be managed by the customer as per Citrix recommendations, in order to move an existing on-premises Citrix Virtual Apps and Desktops environment to Citrix Cloud? (Choose two.)

- A. Citrix ADC/Gateway
- B. Cloud Connector
- C. VDA Machines
- D. SQL Servers

Answer: AB

NEW QUESTION 8

Scenario: A Citrix Engineer is deploying a Citrix Virtual Apps and Desktops environment. The engineer noticed some Virtual Delivery Agent (VDA) machines are having registration issues.

Which three items should the engineer review within the company infrastructure to determine the root cause of the issue? (Choose three.)

- A. Time synchronization (NTP) configuration of the VDA machines with the domain
- B. The SSL certificates on the VDA machines and the Delivery Controller servers
- C. The VDA machines registry setting for ListOfDDCs entries
- D. DNS configurations on either the VDA machines or the Delivery Controller servers
- E. A firewall with a blocked or failing inbound port 8080

Answer: ACD

Explanation:

<https://www.citrix.com/blogs/2018/02/13/the-most-common-vda-registration-issues-troubleshooting-steps/>

NEW QUESTION 9

Scenario: A Citrix Engineer is working on a StoreFront subscription synchronization issue in an existing Citrix Virtual Apps and Desktops environment. One StoreFront server is in the New York datacenter and another in the San Francisco datacenter. The servers are NOT in the same group. The engineer has run all the required PowerShell commands on both StoreFront servers.

In which local Windows user group of each StoreFront server should the engineer add the Microsoft Active Directory domain machine accounts?

- A. CitrixSubscriptionServerUsers
- B. CitrixClusterMembers
- C. CitrixSubscriptionsStoreServiceUsers
- D. CitrixSubscriptionsSyncUsers

Answer: D

Explanation:

<https://support.citrix.com/article/CTX236466>

NEW QUESTION 10

Scenario: A Citrix Engineer is working on a Citrix Virtual Apps and Desktops deployment. The current setup has the following characteristics:

- Three data centers (A, B, and C), each with a large user base.
 - Network latency between these datacenters is more than 300 ms RTT because they are located at geographically far distances.
- Which design should the engineer choose to ensure optimum performance?

- A. A Multi-zone site with three zones (one primary and two secondary), with a site database in each of the three zones
- B. A Multi-zone site with three zones (one primary and two secondary), with a site database in the Primary zone
- C. One site for each data center with a common site database deployed at the largest site
- D. One site for each data center with a separate site database for each site

Answer: B

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 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 14

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 18

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 19

Which tool can a Citrix Engineer use as a first step in reviewing issues with Virtual Delivery Agent (VDA) session launch status?

- A. Citrix Diagnostic Facility (CDF) control utility
- B. Citrix XDPING utility
- C. Citrix Health Assistant
- D. Citrix Policy Reporter tool

Answer: C

Explanation:

<https://support.citrix.com/article/CTX207624>

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 27

Which PowerShell cmdlet is used to check the connection string, which connects the Citrix Delivery Controller to communicate to the site database?

- A. Get-BrokerServiceInstance
- B. Get-BrokerDbconnection
- C. Get-BrokerConnectionLog
- D. Get-BrokerInstalledDbVersion

Answer: B

NEW QUESTION 30

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 33

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 35

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 38

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 41

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 46

Scenario: A Citrix Engineer is working on a Citrix Virtual Apps and Desktops deployment. The engineer is considering implementation of a multi-zone site instead of multiple sites.

Which three benefits of zones can help the engineer to support this decision? (Choose three.)

- A. Zones can help in managing multiple locations without multiple SQL databases.
- B. Zone implementation in a site reduces the dependency of site on site database.
- C. Zones lower the administrative overhead and implementation cost.
- D. Zones help users with fast resource access.
- E. Zones can help in controlling application location launches through zone preference.

Answer: ACE

NEW QUESTION 50

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 55

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