



Citrix

Exam Questions 1Y0-312

Citrix Virtual Apps and Desktops 7 Advanced Administration

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NEW QUESTION 1

Which User Layer requires the least amount of administrative effort to store user settings limited to Microsoft Outlook data and settings for a hosted shared desktop solution based on Windows Server 2012?

- A. Session Office 365
- B. Citrix Profile Management with Full
- C. Full
- D. Office 365

Answer: A

Explanation:

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

NEW QUESTION 2

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 3

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 4

A Citrix Engineer who manages a Citrix Virtual Apps and Desktops environment is implementing Workspace Environment Management (WEM) in the environment. Which Active Directory console should the engineer review while configuring WEM settings to ensure no conflicts are encountered in the environment?

- A. Domains and Trusts
- B. Users and Computers
- C. Sites and Services
- D. Group Policy Management

Answer: A

NEW QUESTION 5

What does a Citrix Engineer need to consider when upgrading the Workspace Environment Management (WEM) Administration Console?

- A. The PowerShell command New-DatabaseConfiguration must be run prior to updating the Administration Console.
- B. The Agent must be upgraded prior to upgrading the Administration Console.
- C. The associated .DLL files must be updated using the command-line interface after upgrading the Administration Console.
- D. The infrastructure service and the database must be upgraded prior to upgrading the Administration Console.

Answer: D

Explanation:

<https://docs.citrix.com/en-us/workspace-environment-management/current-release/upgrade.html>

NEW QUESTION 6

In which two situations should a Citrix Engineer consider using Elastic App Layers? (Choose two.)

- A. A few managers need to be able to install applications when accessing a layered image.
- B. Specific applications have compatibility issues and are needed by all users in the company.
- C. A specific suite of applications exhibits performance issues for users.
- D. A specific application is only needed by a few users in the Marketing department.
- E. A number of custom Human Resource applications are utilized by a few managers within the company.

Answer: DE

Explanation:

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

NEW QUESTION 7

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 8

Which service on the StoreFront server is responsible for replication of user subscriptions?

- A. Citrix Configuration Replication
- B. Citrix Service Monitor
- C. Citrix Credential Wallet
- D. Citrix Subscriptions Store

Answer: D

NEW QUESTION 9

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 10

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 10

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 11

Which two components are hosted in Citrix Cloud when using Workspace Environment Management (WEM) service? (Choose two.)

- A. Microsoft SQL Server database
- B. Active Directory Infrastructure
- C. WEM Infrastructure Service
- D. All machines with WEM Agent installed

Answer: AC

NEW QUESTION 16

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 17

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 19

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 21

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 26

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 30

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 33

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 35

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 37

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 42

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 44

Scenario: A Citrix Engineer is maintaining a Citrix Virtual Apps and Desktops environment. The engineer has recently deployed a new Workspace Environment Management (WEM) configuration to help improve the performance of published applications and desktops.

In which two ways can the new WEM deployment benefit the user experience? (Choose two.)

- A. Improved overall logon performance for both applications and desktops.
- B. Optimized application availability through advanced traffic management.
- C. Pro-active monitoring of system resources to provide optimal performance.
- D. Enhanced network compression capabilities for both applications and desktops.
- E. Improved Single Sign-on capabilities for both applications and desktops.

Answer: AC

NEW QUESTION 47

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 52

How can a Citrix Engineer restrict end user access to an ICA file?

- A. Disable unneeded HDX channels and redirections
- B. Use HTML5 Receiver
- C. Place the StoreFront URL in the Intranet zone
- D. Restrict Control Panel access and functionality

Answer: A

NEW QUESTION 56

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 60

Which three considerations are accurate regarding the Enterprise Layer Manager (ELM) server? (Choose three.)

- A. It hosts the SMB file share for the Elastic Layers data.
- B. It manages and maintains copies of all layers and layered images.
- C. It is a Windows-based virtual appliance maintained on the hypervisor.
- D. It hosts the Citrix App Layering Management Web Console.
- E. It coordinates all communication within the Citrix App Layering imaging process.
- F. It hosts the secondary file share for User Layer profile data.

Answer: BDE

Explanation:

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

NEW QUESTION 64

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 68

Scenario: A Citrix Engineer is managing a large Citrix Virtual Apps and Desktops environment with three sites. Users connecting to applications and VDI machines in these sites are using a common Citrix ADC Gateway. The engineer wants to configure peripheral federation and port redirection policies for secure access to the site resources.

Which feature should the engineer use to configure policies centrally only once and avoid configuring them on each site?

- A. SmartAccess
- B. SmartCheck
- C. SmartTools
- D. SmartControl

Answer: D

Explanation:

<https://docs.citrix.com/en-us/netscaler-gateway/12/integrate-web-interface-apps/smart-control.html>

NEW QUESTION 72

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 74

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 79

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 81

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 82

Which statement is true regarding Citrix Workspace Environment Management (WEM) Agent?

- A. WEM Agent synchronizes with the WEM Infrastructure Service on port TCP 8287.
- B. WEM Agent can be installed on the Citrix Workspace Environment Management Infrastructure Services server.
- C. WEM Agent can be installed on either a Windows Desktop OS or on a Windows Server OS.
- D. Norskale Agent Host Service manages WEM Agent and it runs under Network Service.

Answer: C

Explanation:

<https://docs.citrix.com/en-us/workspace-environment-management/current-release/install-and-configure/agent-h>

NEW QUESTION 83

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 87

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 88

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 90

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 91

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 95

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 98

Scenario: A Citrix Engineer has two datacenters: Site A, the main datacenter and Site B, the secondary datacenter. Both datacenters have Citrix App Layering 4.3 installed.

How can the engineer ensure that all layers are available in Site A and Site B?

- A. Reconfigure ELM Site A and ELM Site B to use DFSR for all layers
- B. Configure layer synchronization directly between ELM Site A and ELM Site B using the Citrix App Layering console
- C. Export all the Standard Layers directly from ELM Site A to ELM Site B and export all other layers to a Windows Share, then import them to Site B
- D. Export all layers from ELM Site A to a Windows Share, then import them to Site B

Answer: A

NEW QUESTION 100

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 101

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 104

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 106

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