



Citrix

Exam Questions 1Y0-312

Citrix Virtual Apps and Desktops 7 Advanced Administration

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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 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 3

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 4

A Citrix Engineer is using the Citrix Profile Management Health Status feature within the Workspace Environment Management (WEM) environment. Which file should the engineer review for results of these health checks to identify specific issues?

- A. AuthManConfig.xml
- B. UpmConfigCheckOutput.xml
- C. UserProfileManager.log
- D. #_pm_config.log

Answer: B

NEW QUESTION 5

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 6

A Citrix Engineer wants to enable the "Log Off Web Portal When Session is Launched" feature within Workspace Environment Management (WEM) transformer settings.

What does the engineer need to do prior to enabling this feature?

- A. Set Workspace control to NOT automatically reconnect to the sessions when users log onto StoreFront.
- B. Set Workspace control settings to log off from session when users log off from StoreFront.
- C. Set Workspace control to automatically reconnect to the sessions when users log onto StoreFront.
- D. Set Workspace control settings to NOT log off a session when users log off from StoreFront.

Answer: D

Explanation:

""If you wish to use this setting, ensure you configure workspace control to not log off a session when the Web interface is logged off"
(<https://wilkyit.com/2017/06/12/citrix-workspaceenvironment-manger-wem-transformer-setting-overview/>)

NEW QUESTION 7

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 8

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 9

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 10

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 10

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 11

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 13

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 15

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 18

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 19

Which three considerations are accurate when adding Active Directory (AD) objects to a Workspace Environment Management (WEM) Configuration set? (Choose three.)

- A. Multiple users can be added at the same time by separating names with semicolons.
- B. Individual or multiple AD users can be added to the WEM console but NOT groups.
- C. Machine objects can be added using the Add Object button or Add OU button.
- D. Objects must be configured in WEM before actions can be applied to them.
- E. Item Priority can be assigned to user or OU objects but NOT to machine objects.

Answer: ACD

Explanation:

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

NEW QUESTION 23

A Citrix Engineer can use and to 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 28

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 31

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 35

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 37

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 38

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 41

Scenario: A Citrix Engineer is working on ICA policies to restrict sharing of client clipboard data to user sessions. However, the engineer wants to allow some specific formats to be shared.

Which two policies should the engineer configure to allow this? (Choose two.)

- A. Client clipboard write allowed formats
- B. Restrict session clipboard write
- C. Restrict client clipboard write
- D. Session clipboard write allowed formats

Answer: AC

NEW QUESTION 46

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 50

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 52

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 57

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 60

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 63

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 66

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 68

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 70

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 73

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 77

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 79

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 80

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 85

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 87

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 88

Scenario: A Citrix Engineer is maintaining a Citrix Virtual Apps and Desktops environment with both internal and external users and has deployed Workspace Environment Management (WEM) within the infrastructure to provide resources to users within their sessions.

The engineer has recently added a network printer to WEM under the Actions node, using the New Network Printer dialog tab, and wants to limit this printer usage to internal Citrix users, as shown below:

Internal users utilize Windows 10 only

External users Windows 10 and Windows 2016 machines

The server network IP address range is from 192.168.10.1 to 192.168.10.200

The external users are on a public domain

The Everyone group has already been added to the Assignments node within the WEM console

The engineer needs to create a Condition based on from within the Filters node and the Matching Result field within WEM to complete this task.

- A. OS Platform type; select Windows 10 from
- B. Client IP Address Match; add the IP address range 192.168.20.50 to 192.168.20.90 to
- C. IP Address Match; add the IP address range 192.168.10.1 to 192.168.10.200 to
- D. Client OS; select Windows 10 from

Answer: B

NEW QUESTION 91

Which two statements are true regarding the Application Security feature of Workspace Environment Management (WEM)? (Choose two.)

- A. It is recommended to NOT use both WEM Application Security and Windows AppLocker interfaces at the same time to manage rules.
- B. Application Security rules set to "Audit" are still enforced.
- C. Exported Windows AppLocker rules CANNOT be imported into WEM.
- D. It provides control over which applications users are permitted to run on a given machine.

Answer: AD

Explanation:

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

NEW QUESTION 94

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 99

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 100

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 105

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 110

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 112

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 114

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