

## 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

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 3

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 4

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 5

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 6

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 7**

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 8**

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 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**

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 10**

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 12**

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 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 17

Scenario: A Citrix Engineer is maintaining a Citrix Virtual Apps environment. The engineer has recently noticed two single-threaded applications consistently consuming 25% of the CPU resources, causing substantial performance issues for users of these servers. The engineer has deployed Workspace Environment Management (WEM) within the infrastructure and enabled CPU Spikes Protection.

What else can the engineer enable within WEM to address this issue?

- A. Exclude Specified Processes and add the two problem applications
- B. Process Affinity and add the two problem applications
- C. CPU Clamping and set it to 10% for the two problem applications
- D. Limit Sample Time and set it to 10% for the two problem applications

**Answer:** C

#### NEW QUESTION 22

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 24

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 25

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 30

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 32

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 36**

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 40**

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 43**

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 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 51

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 54

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 56

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 61

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 65

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 71

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 75

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 78

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 80

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 81

Which command should a Citrix Engineer use to review recent connections and brokering attempts within a Citrix Virtual Apps and Desktops site?

- A. Get-BrokerConnection
- B. Get-BrokerSession
- C. Get-BrokerConnectionLog
- D. Get-BrokerSessionLog

**Answer:** C

### NEW QUESTION 83

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

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 93

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 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 96

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 98

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 100

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 105**

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