

## 1Y0-312 Dumps

### Citrix Virtual Apps and Desktops 7 Advanced Administration

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#### NEW QUESTION 1

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 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

Scenario: A Citrix Engineer configured two Sites: Production and Disaster Recovery. During an outage in the Production Site, the Virtual Delivery Agent (VDA) registration in the Disaster Recovery Site has failed.

What are two possible causes for this issue? (Choose two.)

- A. TCP port 443 is NOT open between the VDA and Delivery Controllers on the Disaster Recovery Site
- B. The VDA is configured with a GPO to register with the Delivery Controllers from the Production Site
- C. The Delivery Controllers were set manually during VDA configuration and point to the Production Site
- D. The Delivery Controllers in the Disaster Recovery Site were NOT able to contact the Delivery Controllers in the Production Site to complete the registration process

**Answer: AD**

#### 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

Which tool should a Citrix Engineer use to change the priority of an application layer to meet business requirements?

- A. PowerShell on ELM server
- B. ELM Management console
- C. PowerShell on Delivery Controller
- D. LayerPriority Utility

**Answer:** D

**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 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 9**

Which step does a Citrix Engineer need to perform prior to installing the applications when creating an application layer?

- A. Run the Citrix App Layering Image Preparation Utility
- B. Select the OS Layer version to be assigned to the packaging machine
- C. Install Windows updates on the packaging machine
- D. Verify that the layer is listed as Deployable in the Citrix App Layering Management Console

**Answer:** B

**NEW QUESTION 10**

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 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 13**

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 18**

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 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 28**

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**

Scenario: A newly created Citrix Virtual Apps and Desktops site has sensitive information. The users consistently use different browsers for their daily tasks. A Citrix Engineer is looking for ways to minimize attacks like ransomware, phishing, and session hijacking.

Which two steps can the engineer take to minimize attacks without interfering with user productivity? (Choose two.)

- A. Disable access to specific browsers.
- B. Disable all the user plugins.
- C. Implement HTTP Strict Transport Security (HSTS).
- D. Use HTTP response headers to send security policies to endpoint browsers.

**Answer:** BC

**Explanation:**

[https://cheatsheetseries.owasp.org/cheatsheets/HTTP\\_Strict\\_Transport\\_Security\\_Cheat\\_Sheet.html](https://cheatsheetseries.owasp.org/cheatsheets/HTTP_Strict_Transport_Security_Cheat_Sheet.html)

**NEW QUESTION 33**

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 38**

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 42**

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 46**

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 51**

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 55**

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 58**

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 62**

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 66**

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 70**

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 74**

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 78**

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 82**

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 86**

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 89**

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 92**

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**

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 96**

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