



**Citrix**

## **Exam Questions 1Y0-312**

Citrix Virtual Apps and Desktops 7 Advanced Administration

#### NEW QUESTION 1

A Citrix Engineer is looking for ways to secure the Virtual Delivery Agent (VDA) in the Citrix Virtual Apps and Desktops environment. Which three steps should the engineer follow to secure the VDA? (Choose three.)

- A. Add the certificate on Citrix Gateway
- B. Enable TLS on the Delivery Controllers
- C. Add the certificate to the VDA
- D. Enable TLS on the VDA
- E. Add the certificate on the StoreFront server

**Answer:** ADE

#### NEW QUESTION 2

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

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 4

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 5

Scenario: A Citrix Engineer is administering a Citrix Virtual Apps and Desktops environment consisting of multiple zones, including a Primary zone and two Satellite zones. Both the Primary and Satellite zones contain just a single Delivery Controller. Recently, the Virtual Delivery Agent (VDA) machines in the Primary zone experienced failures with registration, resulting in many users being unable to access resources for several days. With minimal administrative effort, the engineer should add a second Delivery Controller to prevent this issue from occurring.

- A. the Primary zone location
- B. one of the Satellite zones
- C. the Primary zone and both Satellite zones
- D. both Satellite zones, but NOT the Primary zone

**Answer:** A

#### NEW QUESTION 6

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 7

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 8

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 9

Scenario: A Citrix Engineer administering a Citrix Virtual Apps and Desktops environment is experiencing inconsistency with Virtual Delivery Agent (VDA) registration. After much investigation, the engineer determined the issue is resulting from intermittent problems with the Windows services on the VDA machine and the Delivery Controller.

Which set of Citrix services should the engineer troubleshoot to find the root cause?

- A. BrokerAgent.exe and BrokerService.exe
- B. BrokerAgent.exe and Citrix.Host.exe
- C. BrokerService.exe and Citrix.Host.exe
- D. PicaSvc2.exe and BrokerService.exe

**Answer:** A

**Explanation:**

<https://support.citrix.com/article/CTX139415>

#### NEW QUESTION 10

How often should a Citrix Engineer backup the Citrix database, based on Citrix recommendations?

- A. After changes are made to the environment
- B. Daily
- C. Weekly
- D. Before any change to the environment

**Answer:** B

**Explanation:**

<https://docs.citrix.com/en-us/advanced-concepts/implementation-guides/sql-server-and-citrix-databases.html>

#### NEW QUESTION 10

Scenario: A Citrix Engineer needs to use Citrix App Layering to create layered images for use with a Citrix Virtual Apps and Desktops environment.

The environment currently has the following (MCS) Machine Creation Services-provisioned images.

-Windows 10 Virtual Delivery Agent (VDA) machines with App A, App B, and App C installed

-Windows 10 VDA machines with App A and App B installed

Application A is a common app that is needed by all users. Application B is a time reporting app needed by all individual contributors, and Application C is a managerial app needed by executives, but restricted from use by everyone else.

The environment uses Citrix Hypervisor to host all VDA machines.

To meet the minimum requirements while reducing administrative effort, the engineer would need layered image(s), using.

- A. 1; an Elastic Layer
- B. 1; a User Layer
- C. 1; no Elastic or User Layers
- D. 2; no Elastic or User Layers

**Answer:** A

**Explanation:**

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

#### NEW QUESTION 13

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 15

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 19

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 22

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 27

How can a Citrix Engineer setup synchronization of subscription data between server groups using a replication schedule?

- A. Execute a Windows PowerShell command on the StoreFront server
- B. Make changes in the subscription file on the StoreFront server
- C. Make changes in the web.config file on the StoreFront server
- D. Use the StoreFront console

**Answer:** B

#### NEW QUESTION 28

Scenario: There are two domains in an organization: Domain A and Domain B. A Citrix Engineer configured SAML authentication for Domain A, without implementing Citrix Federated Authentication Service (FAS).

While launching the Citrix apps, the Single Sign-on will.

- A. work for users from Domain A and NOT for users from Domain B
- B. work for users from Domain B and NOT for users from Domain A
- C. work for the users from Domain A and Domain B
- D. NOT work for the users from Domain A and Domain B

**Answer:** B

#### Explanation:

"With SAML, Citrix Gateway and StoreFront do not have access to the user's password and thus cannot perform single sign-on to the VDA. FAS works around this limitation by using issuing certificates that can be used to logon to the VDA." - Reference:

<https://www.carlstalhood.com/citrix-federated-authentication-service-saml/>

#### NEW QUESTION 29

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 33

Scenario: A Citrix Engineer is maintaining a Citrix Virtual Apps and Desktops environment and has deployed Workspace Environment Management (WEM) within the infrastructure to provide resources to users in their sessions. The engineer initially deployed a Network Printer and it is working correctly for all users in their sessions. Recently, the engineer added a second resource, a Network Share Drive, and users are reporting that it is never available in their sessions. The engineer verified the Action for this Network Share Drive to ensure it is correctly configured, and the required Conditions are listed under the WEM Filters node. The Everyone group has already been added to the Assignments node within the WEM console. What should the engineer enable from the Advanced Settings node to correct this issue?

- A. The Agent Options to Enforce Network Drives Filters Processing
- B. The Agent Actions option to Process Virtual Drivers
- C. The Agent Actions option to Process Network Drivers
- D. The Agent Options to Enforce Virtual Drives Filters Processing

**Answer:** C

#### Explanation:

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

### NEW QUESTION 38

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 43

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 48

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 53

Which three layers are stored in the storage repository of the Enterprise Layer Manager (ELM) Appliance? (Choose three.)

- A. Application
- B. User
- C. Platform
- D. OS
- E. Elastic

**Answer:** ACD

### NEW QUESTION 54

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 59**

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 64**

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 69**

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 72**

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