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## Exam A

### QUESTION 1

Which three layers can a Citrix Engineer include in an image template? (Choose three.)

A. Platform



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B. OS

C. User

D. Application

E. Elastic

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

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

### QUESTION 2

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.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.carlstalhood.com/workspace-environment-management/> <https://www.carlstalhood.com/workspace-environment-management/comment-page-1/>

### QUESTION 3

Which database high availability option does Citrix recommend for Workspace Environment Management (WEM)?

- A. Always On
- B. Mirroring
- C. Replication
- D. Clustering

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://christiaanbrinkhoff.com/2017/06/09/how-to-configure-citrix-workspace-environment-management43-for-xenapp-or-xendesktop/>

### QUESTION 4

**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.

**Correct Answer:** BC

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/monitor/session-recording/troubleshooting.html>

#### **QUESTION 5**

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.

**Correct Answer: ABC**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Reference: [https://www.citrix.com/content/dam/citrix/en\\_us/documents/white-paper/citrix-application-layering-technical-overview.pdf](https://www.citrix.com/content/dam/citrix/en_us/documents/white-paper/citrix-application-layering-technical-overview.pdf)

#### **QUESTION 6**

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.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Reference: <https://www.deyda.net/index.php/en/2018/12/01/wem-administration-console-part-2-system-optimization-policies-profiles-and-security/>

#### **QUESTION 7**

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

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.citrix.com/blogs/2020/01/23/optimize-the-user-experience-for-your-citrix-workspace/>

### QUESTION 8

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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

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

### QUESTION 9

**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.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/storefront/current-release/plan.html>

#### QUESTION 10

**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.

**Correct Answer:** ADE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/citrix-virtual-apps-desktops/manage-deployment/zones.html>

#### QUESTION 11

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

**Correct Answer:** ACD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 12

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.

**Correct Answer:** ADE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/storefront/current-release/configure-authentication-and-delegation/configure-smart-card.html#prerequisites>

### QUESTION 13

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

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 14

**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

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 15

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.



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- D. WEM optimizes specific applications during a desktop session based on priority.

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### QUESTION 16

**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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 17**

**Scenario:** A Citrix Engineer is managing Virtual Delivery Agent (VDA) registrations in a Citrix Virtual Apps and Desktops environment.

In which two types of deployments will the auto-update policy for VDA registration be self-managed? (Choose two.)

- A. Deployments that use Citrix Provisioning with a write cache drive.
- B. Deployments that use the Delivery Controllers or Controller SIDs policy setting.
- C. Deployments that do NOT use Controller groups.
- D. Deployments that use ListOfSIDs.

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6-long-term-service-release/xad-controller-intro.html>

**QUESTION 18**

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.

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

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

**QUESTION 19**

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.

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 20

**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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 21

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

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 22

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.

**Correct Answer:** CD

**Section:** (none)

**Explanation**



**Explanation/Reference:**

### QUESTION 23

**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

**Correct Answer:** ABE

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 24**

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.

**Correct Answer: AC**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/storefront/current-release/plan/high-availability-and-multi-site-configuration.html>

#### **QUESTION 25**

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

**Correct Answer: AC**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/workspace-environment-management/service.html>

**QUESTION 26**

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.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 27**

Which two FlexCast Management Architecture (FMA) services will have an additional connection to a secondary database apart from having a connection with the Site database? (Choose two.)

- A. Citrix Configuration service
- B. Configuration Logging service
- C. Monitoring service
- D. Broker service

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 28**

**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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 29

**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.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 30

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.

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.citrix.com/en-us/tech-zone/design/reference-architectures/app-layering.html>

**QUESTION 31**

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

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://support.citrix.com/article/CTX225934>



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