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Exam : **1Y0-312**

Title : Citrix Virtual Apps and
Desktops 7 Advanced
Administration

Vendor : Citrix

Version : DEMO

NO.1 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>

NO.2 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

NO.3 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: ADE

Explanation:

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

NO.4 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

NO.5 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

NO.6 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

NO.7 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>

NO.8 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: C

Explanation:

<https://developer-docs.citrix.com/projects/delivery-controller-sdk/en/latest/Broker/Get-BrokerDesktop/>

NO.9 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-optimization/memory-management.html>

NO.10 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: B

NO.11 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: C

NO.12 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: A

NO.13 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

NO.14 Scenario: A Citrix Engineer needs to make a change to the OS Layer. The OS Layer is currently used in several layered images that include different application layers.

Which two steps should the engineer take to make the necessary changes to the OS Layer and the layered images while minimizing administrative effort? (Choose two.)

- A. Update all application layers associated with the existing OS Layer.
- B. Recreate all application layers associated with the existing OS Layer.
- C. Create new templates that include the required layers.
- D. Update the existing OS Layer with the needed changes.
- E. Update all templates that include the existing OS Layer.
- F. Create a new OS Layer with the needed changes.

Answer: DE

NO.15 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.

Answer: BD

Explanation:

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

NO.16 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

NO.17 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

Answer: D

NO.18 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