**Exam Code: 1Y0-312**
**Exam Name: Citrix Virtual Apps and Desktops 7 Advanced Administration**

V dumps

**QUESTION 1**
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.

**Correct Answer: B**
**Section:**
**Explanation:**
Reference: https://wilkyit.com/2017/06/12/citrix-workspaceenvironment-manger-wem-transformer-setting-overview/

**QUESTION 2**
Scenario: A Citrix Engineer needs to configure passthrough for user authentication on the Workspace front. The engineer confirmed that Single Sign-on process is running on the user machine and all the other settings are in place on the machine.
Which two steps should the engineer follow to make passthrough authentication work for the users? (Choose two.)

A. Configure Any Domain setting under Trusted domains in StoreFront.

B. Set the TrustManagedAnonymousXmlServiceRequests to true on the Delivery Controllers.

C. Configure Optimal Gateway Routing on the StoreFront server.

D. Set the TrustRequestsSentToTheXmlServicePort to true on the Delivery Controllers.

**Correct Answer: C**
**Section:**
**Explanation:**
Under Settings, select Configure Trusted Domains.
Citrix Gateway has more authentication options than StoreFront. Sometimes Citrix Gateway is deployed in front of StoreFront just for the additional authentication options that Citrix Gateway provides.
Reference: https://infohub.delltechnologies.com/l/vdi-deployment-guide-citrix-xendesktop-and-xenapp-on-vxrail-and-vsan-ready-nodes-1/installing-storefront https://www.carlstalhood.com/citrix-gateway-ica-proxy/

**QUESTION 3**
Scenario: A Citrix Engineer has implemented a multi-zone Citrix Virtual Apps and Desktops site. The setup is as follows:
▪ The Primary zone has been implemented in Sweden.
▪ The Satellite zones have been implemented in Finland, Norway and Denmark.
▪ The Application named 'Sys-QA' is hosted on Virtual Delivery Agent (VDA) machines which are available in all the Satellite zones only. The Application home zone for Sys-CA has been configured as Finland.
▪ A user with user ID 'test1' has a disconnected session for Sys-QA in Norway.
Where will the session launch, if user test1 tries to reconnect to application Sys-QA?

A. Denmark

B. Finland

C. Norway

D. Sweden

**Correct Answer: C**
Section:

**QUESTION 4**
Which two statements are true regarding Publishing Platform Layer? (Choose two.)

A. It can be updated directly using the Citrix App Layering Management console.
B. Its purpose is to create a template that outputs to a virtual machine (VM) or a virtual disk.
C. It has limited use-case scenarios, such as making minor updates to an App Layer.
D. It is used every time changes are made, and a Platform Layer is being published.

**Correct Answer: A, B**
Section:

**QUESTION 5**
Which statement is correct regarding Citrix App Layering templates and layered images?

A. Templates are NOT required when creating a VHD file for a Citrix Provisioning deployment.
B. To minimize management effort, use the same template to generate layered images for each hypervisor platform used.
C. Templates are NOT supported for use with physical machine imaging platforms.
D. After machines are provisioned from a layered image, delete that layered image to reduce storage consumption.

**Correct Answer: C**
Section:

**QUESTION 6**
Which two statements are valid for Enterprise Layer Manager (ELM) storage? (Choose two.)

A. The appliance local storage size is fixed.
B. When installing the appliance, it comes equipped with an additional 300GB data disk.
C. This storage also stores Elastic Layers and their .JSON files.
D. This storage is used to store all OS, Platform and App Layers, and versions.

**Correct Answer: B, D**
Section:
**Explanation:**
Reference: https://docs.citrix.com/en-us/citrix-app-layering/4/manage/storage.html

**QUESTION 7**
Which three layers can a Citrix Engineer include in an image template? (Choose three.)

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

**Correct Answer: A, B, D**
Section:

**QUESTION 8**
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: B, C**
Section:
Explanation:
Reference: https://www.carlstalhood.com/workspace-environment-management/ https://www.carlstalhood.com/workspace-environment-management/comment- page-1/

**QUESTION 9**
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.

**Correct Answer: B, D**
Section:

**QUESTION 10**
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

**Correct Answer: C**
Section:
Explanation:
Reference: https://developer-docs.citrix.com/projects/citrix-virtual-apps-desktops-sdk/en/latest/Broker/Get-BrokerConnectionLog/

**QUESTION 11**
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

**Correct Answer: C**
**Section:**

**QUESTION 12**
Which file is used to store a subscription on the Storefront server?

A.  PersistentDictionary.edb
B.  Web.config
C.  Subscription.txt
D.  Style.csv

**Correct Answer: B**
**Section:**
**Explanation:**
Reference: https://www.carlstalhood.com/storefront-subscriptions/

**QUESTION 13**
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:**
**Explanation:**
Reference: https://christiaanbrinkhoff.com/2017/06/09/how-to-configure-citrix-workspace-environment-management43-for-xenapp-or-xendesktop/

**QUESTION 14**
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

**Correct Answer: D**
**Section:**

**QUESTION 15**
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: B, C**
**Section:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-15-ltsr/monitor/session-recording/troubleshooting.html

**QUESTION 16**
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

**Correct Answer: C**
**Section:**

**QUESTION 17**
Scenario: A Citrix Engineer created four application layers with different applications at different time stamps as shown below:
▪ App Layer A - Microsoft Office Professional - 15/08/2019, 14:28
▪ App Layer B - Adobe Acrobat Reader and Cisco Webex - 14/07/2019, 11:45
▪ App Layer C - Active Directory Users & Computers, Citrix Studio - 20/08/2019, 16:10 App Layer D - Google Chrome and GoToMeeting - 27/07/2019, 10:35
Which layer would hold the highest priority in this scenario?

A. App Layer A

B. App Layer D

C. App Layer B

D. App Layer C

**Correct Answer: D**
**Section:**

**QUESTION 18**
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

**Correct Answer: D**
**Section:**
**Explanation:**
Reference: https://webcache.googleusercontent.com/search?q=cache:auCqYUHs1RcJ:https://www.carlstalhood.com/storefront-subscriptions/ +&cd=3&hl=en&ct=clnk&gl=pk&client=firefox-b-d

**QUESTION 19**
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

**Correct Answer: B**
**Section:**
**Explanation:**
Reference: https://support.citrix.com/article/CTX238581

**QUESTION 20**
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: A, B, C**
**Section:**
**Explanation:**
Reference: https://www.citrix.com/content/dam/citrix/en_us/documents/white-paper/citrix-application-layering-technical-overview.pdf

**QUESTION 21**
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.

**Correct Answer: B, C**
**Section:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/storefront/downloads/end-to-end-encryption-with-xenapp-and-xendesktop.pdf

**QUESTION 22**
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.

**Correct Answer: C, D, E**
**Section:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/workspace-environment-management/current-release/user-interface-description/active-directory-objects.html

**QUESTION 23**
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:**
**Explanation:**
Reference: https://www.deyda.net/index.php/en/2018/12/01/wem-administration-console-part-2-system-optimization-policies-profiles-and-security/

**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

**Correct Answer: A, C**
**Section:**
**Explanation:**
Reference: https://www.citrix.com/blogs/2020/01/23/optimize-the-user-experience-for-your-citrix-workspace/

**QUESTION 25**
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:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/workspace-environment-management/current-release/user-interface-description/administration.html

**QUESTION 26**
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:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/storefront/current-release/plan.html

**QUESTION 27**
Which two statements are true regarding the creation of OS Layers with Citrix App Layering? (Choose two.)

A. When there is a need to update the OS of a layered image, it is ideal to create a new OS Layer.

B. Virtual machines built as the OS Layer should be joined to a functional Active Directory domain within the infrastructure that will be utilized.

C. The Windows Updates feature should be left enabled within the OS Layer in case any new updates occur once the OS Layer is deployed.

D. Any Microsoft products that are updated by the Windows Updates feature should be included in the OS Layer.

E. For best performance, complete a clean installation of the Windows operating system when building an OS Layer.

**Correct Answer: D, E**
**Section:**

**QUESTION 28**
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: A, C, D**
**Section:**

**QUESTION 29**

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: A, C, D**
**Section:**

**QUESTION 30**
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: D, E**
**Section:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/storefront/current-release/configure-authentication-and-delegation/configure-smart-card.html#prerequisites

**QUESTION 31**
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.

**Correct Answer: D**
**Section:**

**QUESTION 32**
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:**

**QUESTION 33**
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:**

**QUESTION 34**
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

**Correct Answer: A**
**Section:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/citrix-app-layering/4/layer/enable-user-layers.html

**QUESTION 35**
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

**Correct Answer: C**
**Section:**
**Explanation:**
Reference: https://developer-docs.citrix.com/projects/delivery-controller-sdk/en/latest/Broker/Get-BrokerDesktop/

**QUESTION 36**
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.

**Correct Answer: C, D**
**Section:**

**QUESTION 37**
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.
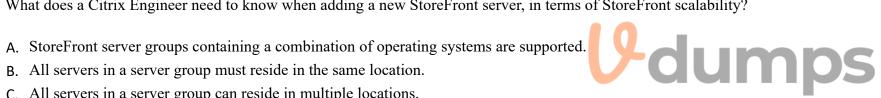Which tool should the engineer use to extract the required information?

A. Citrix Diagnostic Facility (CDF) Control

B. Citrix Director

C. Citrix Diagnostic Facility (CDF) Monitor

D. Citrix Scout

**Correct Answer: B**
**Section:**

**QUESTION 38**
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.

**Correct Answer: B**
**Section:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/storefront/3-12/system-requirements.html

**QUESTION 39**
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:**

**QUESTION 40**
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

**Correct Answer: A**
**Section:**

**QUESTION 41**
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.

**Correct Answer: B, D**
**Section:**

**QUESTION 42**
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: B, D**
**Section:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/xenapp-and-xendesktop/7-6-long-term-service-release/xad-controller-intro.html

**QUESTION 43**
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: B, D**
**Section:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/workspace-environment-management/current-release/user-interface-description/security.html

**QUESTION 44**

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.
   CD

**Correct Answer:**
**Section:**

**QUESTION 45**
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:**

**QUESTION 46**
In which two situations should a Citrix Engineer consider using Elastic App Layers? (Choose two.)

A. A few managers need to be able to install applications when accessing a layered image.
B. Specific applications have compatibility issues and are needed by all users in the company.
C. A specific suite of applications exhibits performance issues for users.
D. A specific application is only needed by a few users in the Marketing department.
E. A number of custom Human Resource applications are utilized by a few managers within the company.

**Correct Answer: A, D**
**Section:**

**QUESTION 47**
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.

**Correct Answer: C**
**Section:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/workspace-environment-management/service/migrate.html

**QUESTION 48**
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:**

**QUESTION 49**
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: C, D**
**Section:**

**QUESTION 50**
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: A, C, D**
**Section:**

**QUESTION 51**
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.

**Correct Answer: D**
**Section:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/workspace-environment-management/current-release/install-and-configure/agent-host.html

**QUESTION 52**
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

**Correct Answer: A**
**Section:**

**QUESTION 53**
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

**Correct Answer: D**
**Section:**

**QUESTION 54**
- 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

**Correct Answer: B**
**Section:**

**QUESTION 55**
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

**Correct Answer: A, B**
**Section:**

**QUESTION 56**
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

**Correct Answer: A, D, E**
**Section:**

**QUESTION 57**
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

**Correct Answer: A**
**Section:**

**QUESTION 58**
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 Process Blacklist, 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

**Correct Answer: C, D**
**Section:**
**Explanation:**
Reference: https://jakewalsh.co.uk/workspace-environment-management-process-management/

**QUESTION 59**
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

**Correct Answer: A**
**Section:**

**QUESTION 60**
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

**Correct Answer: A, B, C**
**Section:**
**Explanation:**
Reference: https://docs.citrix.com/en-us/advanced-concepts/implementation-guides/sql-server-and-citrix-databases.html

**QUESTION 61**
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

**Correct Answer: C**
**Section:**

**QUESTION 62**
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

**Correct Answer: A**
**Section:**

**QUESTION 63**
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

**Correct Answer: B**
**Section:**
**Explanation:**
Reference: https://www.citrix.com/blogs/2015/02/19/storefront-synchronization-vip/

**QUESTION 64**
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

**Correct Answer: A, D**
**Section:**

**QUESTION 65**
Scenario: A Citrix Engineer is configuring a User Layer for Windows 10 VDI users. The engineer needs to store only users' Microsoft Outlook data and settings in the User Layer.
Which User Layer requires the least amount of administrative effort to meet this requirement?

A. Citrix Profile Management with Full
B. Office 365
C. Session Office 365
D. Full

**Correct Answer: C**
**Section:**

**QUESTION 66**
In which location is the resulting .VHD file stored by the Enterprise Layer Manager (ELM), when creating layers or layered images with Citrix App Layering?

A. On a Common Internet File System (CIFS) share location on the local domain file share server
B. On the Repository located on the local storage of the Enterprise Layer Manager (ELM)
C. On the Server Message Block (SMB) file share configured from the Citrix App Layering management console
D. On local storage attached to the hypervisor platform being used to create the images

**Correct Answer: B**
**Section:**
**Explanation:**

Layer Repository

A Layer storage where the ELM creates, composites, and stores Layers and Layered Images. Local storage is used for temporary files during the creation of Layers and Layered Images, and for persistent files, for example, Layers and Image Templates. Administrators can define the Network File Share location that will be used for Elastic Layers in the UMC's System and Settings.

Reference: https://www.citrix.com/content/dam/citrix/en_us/documents/white-paper/citrix-application-layering-technical-overview.pdf

**QUESTION 67**
Scenario: A Citrix Engineer is managing a large Citrix Virtual Apps and Desktops environment. Recently, the users are complaining about slow sessions on random days. The engineer wants to use a Citrix tool in order to have a baseline comparison of the users' performance on a daily basis. Which tool can the engineer use to accomplish this?

A. Citrix Diagnostic

B. Citrix Optimizer

C. Citrix Analytics

D. Citrix Diagnostic Facility (CDF) Control

**Correct Answer: C**
**Section:**
**Explanation:**
Reference: https://www.citrix.com/blogs/2020/10/21/automating-and-optimizing-with-citrix-analytics-for-performance/

**QUESTION 68**
Which statement is valid regarding back-up of StoreFront Configuration?

A. Only a partial configuration of StoreFront can be exported.

B. Configuration on a StoreFront server will NOT be overwritten completely by the imported settings.

C. Configuration exports can be imported on other machines with StoreFront installed.

D. StoreFront configuration exports can include only single server deployments and NOT server group configurations.

**Correct Answer: C**
**Section:**
**Explanation:**
You can only import StoreFront configurations which are the same StoreFront version as the target StoreFront installation. This includes CU versions. For example, you can export and import the configuration between StoreFront version 1912 LTSR and 1912 LTSR, or between version 1912 LTSR CU1 and 1912 LTSR CU1, but not between version 1912 LTSR CU1 and 1912 LTSR CU2.
Reference: https://docs.citrix.com/en-us/storefront/1912-ltsr/export-import-storefront-config.html

**QUESTION 69**
Scenario: A Citrix Engineer is maintaining a Citrix Virtual Apps and Desktops environment. The engineer has deployed Workspace Environment Management (WEM) within the infrastructure. The engineer has recently noticed that the two most commonly used applications are consuming excessive disk contention and causing bottlenecks on the servers.
Which WEM System Optimization does the engineer need to use to address this issue?

A. Session-Based Computing/Hosted Virtual Desktop (SBC/HVD) Tuning

B. Memory Management

C. Process Management

D. I/O Management

**Correct Answer: A**
**Section:**
**Explanation:**
SBC/HVD (Session-Based Computing/Hosted Virtual Desktop) tuning allows you to optimize the performance of sessions running on Citrix Virtual Apps and Desktops. While designed to improve performance, some of the options might result in slight degradation of the user experience.

Reference: https://docs.citrix.com/en-us/workspace-environment-management/current-release/user-interface-description/policies-and-profiles/environmental-settings.html#:~:text=SBC%2FHVD%20(Session%2DBased,degradation%20of%20the%20user%20experience.

**QUESTION 70**
What are two valid options to manage antivirus definition updates in a Citrix App Layering deployment? (Choose two.)

A. Enable auto-updates and store updates in the Elastic Layer assigned to each user.

B. Disable auto-updates and redeploy the layer for each update on a schedule approved by the security team.

C. Enable auto-updates and store updates in the user's User Layer.

D. Disable auto-updates and clear the checkbox for "Reinstall the layer" when redeploying the layers.

**Correct Answer: B, C**
**Section:**
**Explanation:**
Turn on auto updates, and let the updates get stored in the user's Personalization Layer. If auto updates happen daily, this might be the most convenient approach. Note that whenever there is a major product update, you'll need to reinstall on the UEP by redeploying the layer to the desktop with the Reinstall the layer checkbox selected.
▪ Turn off auto updates, and redeploy the layer for each update. This requires updating the layer whenever you want to push out new updates.
▪ Turn off auto updates, and redeploy the layer for each update. This requires updating the layer whenever you want to push out new updates.
Reference: https://docs.citrix.com/en-us/legacy-archive/downloads/unidesk-2-10-vsphere.pdf

**QUESTION 71**
Scenario: A Citrix Engineer has been hired to work on daily troubleshooting issues like session hang, Virtual Delivery Agent (VDA) registration issues, and non- responsive application issues. The engineer will also need recent trends to prepare health check reports. Which component/console should the engineer consider using?

A. Citrix Diagnostic Facility (CDF) Tracing

B. Citrix Insights

C. Citrix Director

D. Citrix Studio

**Correct Answer: A**
**Section:**
**Explanation:**
Citrix Diagnostic Facility (CDF) trace log files. A subset of CDF traces called Always-on Tracing (AOT) is also included. AOT information can be helpful when troubleshooting common issues such as VDA registrations and application/desktop launches. No other Event Tracing for Windows (ETW) information is collected.
Reference: https://docs.citrix.com/en-us/citrix-virtual-apps-desktops/manage-deployment/cis/scout.html

**QUESTION 72**
Which tool allows a Citrix Engineer to monitor and identify inconsistent or suspicious activities on the network?

A. Citrix Monitor

B. Citrix ADC

C. Citrix Director

D. Citrix Analytics

**Correct Answer: D**
**Section:**
**Explanation:**
Citrix Analytics is an intuitive analytics service that allows administrators to monitor and identify inconsistent or suspicious activity on the networks. A turn-key machine learning platform that provides actionable insights into

user behavior based on indicators across users, endpoints, network traffic, and files.
Reference: https://docs.citrix.com/en-us/tech-zone/design/reference-architectures/citrix-analytics.html

**QUESTION 73**
Which three statements are true about building multiple Elastic Layers? (Choose three.)

A. There is no limit on how many Elastic Layers can be built as long as there is adequate SMB storage space and network bandwidth.
B. They are usually built to perform the majority of the application layer workload for users.
C. They appear identical to other application layers from a user perspective
D. They greatly reduce the number of golden images required to be managed by Citrix App Layering.
E. They are primarily for applications with compatibility issues for specific users or groups.

**Correct Answer: B, D, E**
**Section:**