Vendor: Citrix

Exam Code: 1Y0-312

Exam Name: Citrix Virtual Apps and Desktops 7 Advanced Administration

Version: DEMO

QUESTION 1
Which two statements are true regarding the traditional Workspace Environment Management (WEM) Administration console? (Choose two.)

A. It can be managed from the Windows command prompt.
B. It uses a default port of 8285 for communication.
C. It can be installed on a Windows client operating system.
D. It requires as a minimum a dual core processor.

Answer: BC
Explanation:
The traditional WEM Administration console uses TCP port 8285 by default for communication with the WEM infrastructure services.

The WEM Administration console can be installed and run on a Windows client operating system, allowing administrators to manage WEM without requiring a server OS.

QUESTION 2
Citrix Engineer needs to configure subscription replication between two StoreFront servers in two datacenters. Which TCP port does the engineer need to open on the Firewall between the datacenters to allow subscription replication?

A. 808
B. 8286
C. 80
D. 443

Answer: A
Explanation:
StoreFront subscription replication uses TCP port 808 by default for communication between StoreFront servers, so this port must be opened on the firewall to allow replication between datacenters.

QUESTION 3
Citrix Engineer is looking to validate database connectivity along with other important parameters like database average transaction time and database transaction error rate. Which component or service can the engineer use?

A. Citrix Analytics service
B. Citrix Studio
C. Citrix Director
D. Citrix Environment test service

Answer: C
Explanation:
Citrix Director provides built-in monitoring and diagnostics for Citrix Virtual Apps and Desktops, including validation of database connectivity and visibility into key database performance metrics such as average transaction time and transaction error rates.

QUESTION 4
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 users access only published desktops. The engineer wants to prevent the users from being able to access or save any information to the Local Disk C: drive of the Virtual Delivery Agent (VDA) machine.

The engineer needs to enable Process Environmental Settings, and then enable the_____ and add the drive to be blocked in order to accomplish this.

A. Hide Specified Drives setting under Windows Explorer tab
B. Hide Specified Drives setting under Control Panel tab
C. Restrict Specified Drives setting under Control Panel tab
D. Restrict Specified Drives setting under Windows Explorer tab

Answer: D
Explanation:
The Restrict Specified Drives setting under the Windows Explorer tab in WEM Process Environmental Settings blocks user access to specified drives (such as Local Disk C:), preventing users from accessing or saving data to those drives on the VDA machine.

QUESTION 5
What is a valid consideration when layering Microsoft Office or Office365?

A. Activate MAK Office licenses during the layer creation process.
B. They should NOT be installed from a network share or an ISO file.
C. They can be installed on an App Layer or OS Layer.
D. Before finalizing the layer, the ngen process is NOT needed.

Answer: C
Explanation:
Microsoft Office and Office 365 can be installed in either an Application Layer or directly in the OS Layer when using Citrix App Layering, depending on the organization's image design and layering strategy, making this a valid and supported deployment approach.

QUESTION 6
Scenario: A Citrix Engineer is working on a Citrix Virtual Apps and Desktops deployment. The current setup has a single site in California. The team is planning to enable users from two more regions, Texas and Montana, to migrate to Virtual Desktop Infrastructure (VDI) desktop on thin clients from their physical desktops.

Considering the large number of users in both Texas and Montana, below are some of the requirements set for the new deployment:

- Administrative overhead should be kept to a minimum with the introduction of these two regions.
- Implementation cost should be kept to a minimum.
- Since some users travel across these regions frequently, a resource launch location preference is also desired.

Which deployment method should the engineer implement to accomplish this?

A. Add Texas and Montana as Satellite zones in the current site with California as Primary zone. Both Satellite zones should use the existing site database in California.
B. Create one site in Texas and one in Montana and configure both sites to use an existing site

database in California.

C. Add Texas and Montana as Satellite zones in the current site with California as a Primary zone. Both Satellite zones should be configured with one site database each.
D. Create one site in Texas and one in Montana with a separate site database.

Answer: A
Explanation:
Adding Texas and Montana as Satellite zones in the existing California site with a single shared site database in the Primary zone minimizes administrative overhead and implementation cost by maintaining a single site architecture. Multi-zone configuration also supports resource launch location preference, allowing users who travel between regions to be directed to the most appropriate zone for optimal performance.

QUESTION 7
What are two valid core FlexCast Management Architecture (FMA) services? (Choose two.)

A. Delegated administration service
B. Citrix Configuration service
C. Host service
D. Broker service

Answer: B
Explanation:
The Citrix Configuration Service is a core FMA service responsible for storing and managing site configuration data.

The Broker Service is a core FMA service that handles session brokering, resource enumeration, and connection management in a Citrix Virtual Apps and Desktops environment.

QUESTION 8
Which two statements are correct regarding Fast Smart cards? (Choose two.)

A. Enabled by default on the hosts that are running Windows 2012+
B. Support changing the Smart card PIN
C. Require Virtual Delivery Agent (VDA) 7.18 and matching Citrix Workspace app
D. Enabled by default on the hosts that are running Windows 2008 R2

Answer: BC
Explanation:
Fast Smart Cards support changing the smart card PIN directly within the session, improving usability for users who need to manage their credentials.

Fast Smart Cards require Virtual Delivery Agent (VDA) version 7.18 or later along with a matching version of Citrix Workspace app to function correctly, as the feature depends on coordinated client and VDA support.

QUESTION 9
Scenario: A Citrix Engineer has recently configured Smart Card authentication for a Citrix Virtual Apps and Desktops environment. The details are as follows:

-- Users must authenticate through NetScaler Gateway.

-- No middleware is caching PINs, and the Gateway is set for "User Cert:Mandatory".
-- Users are using BYOD machines.

How many PIN prompts would the user experience while launching a desktop?

A. 1
B. 0
C. 2
D. 3

Answer: C
Explanation:
With Smart Card authentication through NetScaler Gateway set to “User Cert: Mandatory,” no PIN caching middleware, and users on BYOD devices, the user is prompted once at NetScaler Gateway for smart card authentication and again during desktop session logon, resulting in two PIN prompts.

QUESTION 10
Scenario: A Citrix Engineer has setup a new Citrix Virtual Apps and Desktops site and implemented Federated Authentication Service (FAS). During app launch the engineer finds that Single Sign-on is NOT working.

Which two reasons could cause this issue? (Choose two.)

A. The Group Policy Object (GPO) for FAS is NOT being applied to the VDA machine.
B. The Delivery Controller provides an incorrect FAS server name to the VDA machine.
C. The FAS server is unable to contact NetScaler Gateway.
D. The VDA machine is unable to resolve the Fully Qualified Domain Name (FQDN) of the FAS server.

Answer: AD
Explanation:
If the FAS Group Policy Object is not applied to the VDA machine, the VDA will not be configured to use FAS for certificate-based authentication, which prevents Single Sign-on from functioning.

If the VDA machine cannot resolve the FQDN of the FAS server, it cannot request authentication certificates, breaking the SSO process during application launch.

QUESTION 11
A Citrix Engineer managing a Citrix Virtual Apps and Desktops environment consistently notes that one particular process spikes and affects the user login and daily tasks. What should the engineer do within the Workspace Environment Management (WEM) CPU Management settings to avoid this issue?

A. Configure CPU Affinity.
B. Enable intelligent CPU Optimization.
C. Exclude specified processes.
D. Limit CPU/Core usage.

Answer: D
Explanation:
Limiting CPU/Core usage in WEM CPU Management allows the engineer to cap the CPU

resources consumed by the problematic process, preventing it from spiking and negatively impacting user logins and daily tasks across the environment.

QUESTION 12
Which two considerations should a Citrix Engineer keep in mind when exporting and importing StoreFront configurations? (Choose two.)

A. SDK packages must be installed on all importing servers after importing a configuration containing extra authentication methods.
B. Encrypting and decrypting the configuration backups is supported.
C. The SiteID of the website in IIS where StoreFront is currently installed must match the SiteID of the target website in IIS when restoring the backed-up configuration.
D. NetScaler pass-through must exist in the StoreFront authentication configuration before importing or exporting.

Answer: BC
Explanation:
StoreFront supports encrypting and decrypting configuration backups, ensuring secure handling of exported configuration data.

When restoring a StoreFront configuration, the IIS SiteID of the source StoreFront deployment must match the IIS SiteID on the target server to allow the configuration import to succeed correctly.

QUESTION 13
What can a Citrix Engineer use to configure Smart Control for users accessing Citrix Virtual Apps and Desktops through NetScaler Gateway?

A. PowerShell cmdlets on Delivery Controller
B. ICA policies on NetScaler Gateway
C. Microsoft Group Policy Object (GPO) for Citrix
D. Citrix policies in Studio

Answer: B
Explanation:
SmartControl is configured using ICA policies on the NetScaler Gateway, allowing the engineer to apply session policies and access controls based on user authentication and endpoint analysis for users accessing Citrix Virtual Apps and Desktops through the Gateway.

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