

# 1Y0-312<sup>Q&As</sup>

Citrix Virtual Apps and Desktops 7 Advanced Administration

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### QUESTION 1

Scenario: A user from the '\\test.com\\' domain is browsing a StoreFront server from the '\\corp.com\\' domain with URL: https://sf.corp.com. The user notices that the browser redirects to a server with URL: https:// apps.test.com and again back to https://sf.corp.com. The user logged into the StoreFront store without getting any authentication prompt.

\_\_\_\_\_ is the Identity provider and \_\_\_\_\_ is the authentication method used in this scenario.

- A. sf.corp.com; Kerberos
- B. sf.corp.com; NTLM
- C. apps.test.com; SAML
- D. apps.test.com; NTLM
- E. sf.corp.com; SAML

Correct Answer: B

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### QUESTION 2

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 Citrix LAN users are all within IP address scope of 192.168.20.50 to 192.168.20.90 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

Correct Answer: B

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### QUESTION 3

Scenario: A Citrix Engineer noticed that a Citrix Virtual Apps and Desktops environment lost connection to the SQL

servers where the Citrix databases are running. Due to this, the Site has become unmanaged and first-time users CANNOT connect to their Citrix Virtual Apps and Desktops resources.

The setup was recently upgraded from Citrix Virtual Apps and Desktops 7.11 to Citrix Virtual Apps and Desktops 7.15 CU4.

What should the engineer do to minimize the impact of the SQL outage?

- A. Enable Connection Leasing.
- B. Enable IntelliCache.
- C. Enable Local Host Cache.
- D. Configure Citrix Database Cache.

Correct Answer: B

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#### QUESTION 4

Scenario: A Citrix Engineer is working on a StoreFront subscription synchronization issue in an existing Citrix Virtual Apps and Desktops environment. One StoreFront server is in the New York datacenter and another in the San Francisco datacenter. The servers are NOT in the same group. The engineer has run all the required PowerShell commands on both StoreFront servers.

In which local Windows user group of each StoreFront server should the engineer add the Microsoft Active Directory domain machine accounts?

- A. CitrixSubscriptionServerUsers
- B. CitrixClusterMembers
- C. CitrixSubscriptionsStoreServiceUsers
- D. CitrixSubscriptionsSyncUsers

Correct Answer: B

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#### QUESTION 5

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

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

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### QUESTION 6

Scenario: A Citrix Engineer is working on a Citrix Virtual Apps and Desktops deployment.

The current setup has the following characteristics:

Three data centers (A, B, and C), each with a large user base.

Network latency between these datacenters is more than 300 ms RTT because they are located at geographically far distances.

Which design should the engineer choose to ensure optimum performance?

- A. A Multi-zone site with three zones (one primary and two secondary), with a site database in each of the three zones
- B. A Multi-zone site with three zones (one primary and two secondary), with a site database in the Primary zone
- C. One site for each data center with a common site database deployed at the largest site
- D. One site for each data center with a separate site database for each site

Correct Answer: B

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### QUESTION 7

Which step does a Citrix Engineer need to perform prior to installing the applications when creating an application layer?

- A. Run the Citrix App Layering Image Preparation Utility
- B. Select the OS Layer version to be assigned to the packaging machine
- C. Install Windows updates on the packaging machine
- D. Verify that the layer is listed as Deployable in the Citrix App Layering Management Console

Correct Answer: B

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### QUESTION 8

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

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#### QUESTION 9

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

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

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#### QUESTION 10

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

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-onvnxrail-and-vsan-ready-nodes-1/installing-storefront>

<https://www.carlstalhood.com/citrix-gateway-ica-proxy/>

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### QUESTION 11

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

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### QUESTION 12

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

Reference: <https://christiaanbrinkhoff.com/2017/06/09/how-to-configure-citrix-workspace-environmentmanagement43-for-xenapp-or-xendesktop/>

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### QUESTION 13

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

Correct Answer: AC

Reference: <https://docs.citrix.com/en-us/workspace-environment-management/current-release/upgrade.html> (note)

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#### QUESTION 14

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

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>

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#### QUESTION 15

Scenario: A Citrix Engineer is maintaining a Citrix Virtual Apps and Desktops environment. The engineer recently deployed Citrix App Layering for improved image management with Machine Creation Services (MCS). The infrastructure requires various 32-bit and 64-bit operating system platforms.

Which three considerations does the engineer need to be aware of when creating various OS Layers for the company infrastructure? (Choose three.)

- A. Application and Platform Layers are directly tied to the operating system layer on which they were created.
- B. The ELM Repository storage maintains a maximum limit of 10 OS Layers that can be built and maintained on it at any given time.
- C. Before an OS version or layer can be deleted from the Citrix App Layering Management console, it must first NOT be in use by an existing template.
- D. The engineer needs a unique layer for each OS build created.
- E. The engineer does NOT need to create a unique OS Layer for 32-bit and 64-bit versions of the same OS type.
- F. When preparing the OS Layer, the engineer should NOT include any hypervisor tools or utilities within the OS Layer.

Correct Answer: ACE

Explanation:

Platform and Application Layers are tied to the OS Layer

Before a version or layer can be deleted, it must not be in use by a template

Have one Operating System layer per Operating System (Windows 7 32-bit, Windows 7 64-bit, etc.)

Reference: <https://www.carlstalhood.com/app-layering-os-layer/>

<https://support.citrix.com/article/CTX225952>

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