

1Y0-A22 Citrix XenApp 6.5 Advanced Administration Practice Exam

Section 1: Maintaining Data Server Integrity

1.1

Specific Task: Performing DS maintenance including backing up the data store and restoring the database to maintaining data store integrity

Objective: Determine when to perform DS maintenance to maintain data store integrity

1. An administrator of a small XenApp environment is planning to back up the Xenapp server farm's data store which was installed using the default database data store on the first XenApp server in the farm.

The backup method the administrator should use is to run _____. (Select the best choice which completes the sentence.)

- a. dsmaint backup local_path_to_backup_location
- b. dsmaint backup local_path_to_data_store_location
- c. dsmaint backup share_point_path_to_backup_location
- d. dsmaint backup share_point_path_to_data_store_location

Answer: a.

Explanation: DSMMAINT BACKUP creates a backup copy of the SQL Server Express 2008 R2 data store database, which is the default installation and is installed on the first XenApp server in the farm when a SQL Server database or an Oracle database server is not used for the server farm data store. To make a backup of a SQL Server Express data store, use the DSMMAINT command with a local path to the backup location, such as: dsmaint backup d:\SQLbackup. The data store should not be backed up in the same location as the data store exists and it cannot be backed up to a share point. It must be backed up to a backup destination path on the local server.

Source: XenApp > XenApp 6.5 for Windows Server 2008 R2 > Manage > XenApp Server Utilities Reference > DSMMAINT

<http://support.citrix.com/proddocs/topic/xenapp65-admin/ps-commands-dsmaint-v2.html>

Section 2: Monitoring and Managing the Environment

2.1

Specific Task: Identify what should be monitored, including all core Citrix software services, security, and Microsoft services

Objective: Based on scenario, determine which services should be monitored to meet the requirements

2. A Citrix administrator discovered that a dedicated STA server is not responding to STA requests. The administrator should be notified when the Citrix service is stopped.

Which service should the administrator configure to monitor?

- a. Citrix XTE Service
- b. Citrix XML Service
- c. Citrix MFCOM Service
- d. Citrix Services Manager

Answer: b.

Explanation: STA is part of the Citrix XML service. When the Citrix XML service is stopped, the server stops responding to STA requests.

Source: XenApp > XenApp 6.5 for Windows Server 2008 R2 > Manage > Maintaining Server Farms > Monitoring Server Performance with Health Monitoring and Recovery

<http://support.citrix.com/proddocs/topic/xenapp65-admin/ps-maintain-monitor-server-perf.html>

The Citrix XML server explained and demystified by Ingmar Verheij

<http://www.ingmarverheij.com/2012/08/the-citrix-xml-server-explained-and-demystified/>

Section 3: Scaling the Environment to Meet Business Needs

3.1

Specific Task: Configuring logon scripts, group policy preferences and assign home folders, profiles and policies such as XenApp policies, Active Directory profiles and policies and RDS profiles as part of defining the user experience

Objective: Determine how to define the user experience based on stated requirements

3. **Scenario:** An administrator manages an environment where all users in the organization use XenApp to access all applications. Senior management has told the administrator that users are starting to complain that it is taking a very long time to access published applications when users first login. After some investigation, the administrator found that the servers are becoming saturated during peak logon times.

The administrator should enable _____ to curb the server saturation. (Select the best choice to complete the sentence.)

- a. Session Linger
- b. IIS Port Sharing
- c. Session Pre-Launch
- d. Windows Desktop Experience

Answer: c.

Explanation: Session Pre-Launch will help with user load by starting a session on a server once a user has logged on to the farm. This will help reduce the taxing logon to the server and the session will be pre-loaded for the user, thus taking less time for the user.

Source: XenApp > XenApp 6.5 for Windows Server 2008 R2

<http://support.citrix.com/proddocs/topic/xenapp65-w2k8/xenapp65-about.html>

Section 4: Optimizing the Environment

4.1

Specific Task: Optimizing the network by optimizing bandwidth through data compression and printing bandwidth

Objective: Given a scenario, determine how to optimize the network by enhancing bandwidth.

4. **Scenario:** An administrator is managing a XenApp 6.5 server named XA1. The administrator wants to specify the maximum allowed bandwidth limit for playing or recording audio as a percent of the total session bandwidth. The administrator configured the 'Audio redirection bandwidth limit percent' policy setting.

Which additional policy setting should the administrator configure?

- a. Overall session bandwidth limit.
- b. Audio redirection bandwidth limit.
- c. Multi-Stream (Computer and User settings).
- d. HDX MediaStream Multimedia Acceleration bandwidth limit.

Answer: a.

Explanation: The 'Audio redirection bandwidth limit percent' setting specifies the maximum allowed bandwidth limit for playing or recording audio as a percent of the total session bandwidth. By default, no maximum percentage (zero) is specified. If an administrator configures this setting, the administrator must also configure the Overall session bandwidth limit setting which specifies the total amount of bandwidth available for client sessions.

Source: XenApp > XenApp 6.5 for Windows Server 2008 R2 > Manage > Policy Settings Reference > ICA Policy Settings > Bandwidth Policy Settings

<http://support.citrix.com/proddocs/topic/xenapp65-admin/ps-console-policies-rules-bandwidth-v3.html>

XenApp > XenApp 6.5 for Windows Server 2008 R2 > Manage > Policy Settings Reference > ICA Policy Settings > Bandwidth Policy Settings

<http://support.citrix.com/proddocs/topic/xenapp65-admin/ps-console-policies-rules-bandwidth-v3.html>

XenApp > XenApp 6.5 for Windows Server 2008 R2 > Manage > Managing Session Environments and Connections > Defining User Environments in XenApp > Configuring Audio for User Sessions > To configure bandwidth limits for audio

<http://support.citrix.com/proddocs/topic/xenapp65-admin/ps-sessions-bw-lim-aud-thpt-task-v2.html>

Section 5: Troubleshooting

5.1

Specific Task: Identifying the components that use IMA as part of troubleshooting IMA

Objective: Given a description of a troubleshooting problem, identify the components that use IMA that could be related to the problem

5. Scenario: During a SQL server consolidation project, a Citrix XenApp data store was moved from a standalone SQL 2008 server to a shared SQL 2008 server. After the data store move, the administrator attempted restarting the IMA service but it failed to start.

Which step should the administrator take first to fix the issue?

- a. Modify DSN file.
- b. Restart XML service.
- c. Restart MFCOM service.
- d. Reconfigure the license server.

Answer: a.

Explanation: To move a data store from one SQL server to another SQL server, modify the DSN file to point to the new SQL server, run "dsmaint config", and restart the IMA service.

Source: Data Store Migration Strategies

<http://support.citrix.com/article/CTX123111>

6. **Scenario:** A Citrix administrator for a company has successfully configured Application Pre-Launch. The default timers were used for Session Pre-Launch. The company only has 100 concurrent XenApp licenses for use by 200 users. The administrator noticed that license usage spikes at 8:30am every day when most users log in. The administrator also noticed that users who sign in at 8:00am had not logged into XenApp yet.

Which two steps can the administrator take to ensure XenApp connections that are not being used are not using up licenses when Session Pre-Launch is configured? (Choose two.)

- a. Use Session Linger.
- b. Use Session Reliability.
- c. Set the ICA Disconnect Timer.
- d. Set the RDP Disconnect Timer.
- e. Set the Pre-Launch Terminate Timer.
- f. Set the Pre-Launch Disconnect Timer.

Answer: e.f.

Explanation: Reducing the Pre-Launch Terminate Timer and Pre-Launch Disconnect Timer will free up licenses when a Pre-Launch application is consuming a XenApp license.

Source: How to Configure Application Pre-Launch in XenApp 6.5

<http://support.citrix.com/article/CTX130793>