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**IBM**

**C1000-141**

*IBM Maximo Manage v8.x Administrator*

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**Question: 812**

When analyzing the SystemOut.log file in WebSphere, which of the following entries would indicate a potential memory leak in the application?

- A. Connection timeout errors
- B. OutOfMemoryError: Java heap space
- C. SQL syntax errors
- D. User authentication failures

Answer: B

Explanation: An entry such as OutOfMemoryError: Java heap space in the SystemOut.log file indicates a potential memory leak, as it suggests that the application has exhausted available memory.

**Question: 813**

When tuning the JVM for Maximo, which of the following settings is recommended to reduce the frequency of garbage collection events?

- A. -Xmx set to a lower value
- B. -XX:+UseParallelGC
- C. -Xms set to a lower value
- D. -XX:NewRatio set to a higher value

Answer: D

Explanation: Setting -XX:NewRatio to a higher value helps to reduce the frequency of garbage collection events by adjusting the ratio of the young generation to the old generation in the heap.

**Question: 814**

In the context of event-based scripting, which of the following conditions can trigger a script to execute on an object save event?

- A. Any change to the object's state.
- B. Only changes to specific attributes.
- C. Deletion of the object.
- D. User login attempts.

Answer: A

Explanation: An object save event triggers the script to execute on any change to the object's state, allowing for dynamic responses to data updates.

**Question: 815**

When configuring Start Centers in IBM Maximo, which of the following features allows users to create personalized data views based on their roles and responsibilities within the organization?

- A. Dashboard Configuration
- B. Personalization
- C. Data Filtering
- D. Application Designer

Answer: B

Explanation: Personalization in Start Centers allows users to customize their view and layout based on their specific roles and responsibilities, enhancing user experience.

**Question: 816**

What role does the "Escalation" process play in Maximo workflows?

- A. It automatically assigns tasks to users
- B. It merges duplicate records
- C. It initiates service requests
- D. It generates alerts for overdue tasks
- E. It archives completed tasks

Answer: D

Explanation: The "Escalation" process generates alerts for overdue tasks, helping to manage service levels and ensure timely responses.

**Question: 817**

When defining a formula to calculate the total cost based on multiple attributes, which of the following considerations must be taken into account?

- A. The attributes need to be linked to a specific Security Group for access.

- B. The formula must have at least three attributes included.
- C. The data types of the attributes must be compatible for arithmetic operations.
- D. The formula must be defined in the reporting tool only.

Answer: C

Explanation: Ensuring that the data types of the attributes are compatible for arithmetic operations is crucial when defining a formula to calculate totals in Maximo.

### Question: 818

To locate and update appropriate System Properties in Maximo, which of the following actions must be taken to ensure that the desired configurations are applied correctly?

- A. Use SQL commands to update the system properties table in the database.
- B. Access the System Properties application, search for the property name, and modify its value directly.
- C. Edit the application configuration files directly on the server.
- D. Create a new System Property entry in the User Administration application.

Answer: B

Explanation: Accessing the System Properties application allows administrators to search for specific property names and modify their values directly, ensuring configurations are applied correctly.

### Question: 819

To ensure that Maximo is properly installed on SQL Server, which of the following SQL Server editions is recommended for production use?

- A. SQL Server Express
- B. SQL Server Developer
- C. SQL Server Standard
- D. SQL Server Web

Answer: C

Explanation: SQL Server Standard edition is recommended for production use with IBM Maximo Manage v8.x, as it provides the necessary performance and features for enterprise applications.

### Question: 820

Which of the following options provides the best way to handle exceptions in automation scripts to prevent system crashes?

- A. Use try-catch blocks to manage exceptions.
- B. Ignore exceptions and continue execution.
- C. Log all exceptions without handling them.
- D. Restart the application on error.

Answer: A

Explanation: Using try-catch blocks to manage exceptions provides a robust way to handle errors in automation scripts, allowing for graceful failure and logging of issues without crashing the system.

### Question: 821

In the configuration of a Start Center, which of the following elements can be utilized to enable users to visualize their workload effectively?

- A. Graphical Charts and Tables
- B. Text-Based Lists Only
- C. Static Reports
- D. Email Notifications

Answer: A

Explanation: Graphical charts and tables offer a visual representation of data, allowing users to quickly assess their workload and performance metrics effectively.

### Question: 822

To validate the data structure before importing records into Maximo, which of the following tools should be utilized?

- A. Data Import Tool
- B. Integration Framework
- C. Application Designer
- D. Database Configuration

Answer: B

Explanation: The Integration Framework should be utilized to validate the data structure before importing records into Maximo, ensuring that the data aligns with the defined object structures.

**Question: 823**

In Maximo, which of the following commands would you use to execute an automation script from within a workflow?

- A. `runScript('scriptName');`
- B. `executeAutomationScript('scriptName');`
- C. `callScript('scriptName');`
- D. `invokeAutomationScript('scriptName');`

Answer: A

Explanation: The command `runScript('scriptName');` is used to execute an automation script from within a workflow, allowing the script to perform tasks as part of the workflow process.

**Question: 824**

In a scenario where you need to integrate Maximo with an external ERP system, which of the following integration methods would you typically use?

- A. Database triggers
- B. Direct database connections
- C. Excel imports
- D. REST APIs

Answer: D

Explanation: REST APIs are typically used to integrate Maximo with external ERP systems, as they provide a standardized and efficient method for data exchange.

**Question: 825**

Which of the following commands can be used to handle errors in a scheduled job script effectively?

- A. `handleError('error message');`
- B. `logError('error message');`
- C. `catchError('error message');`

D. `recordError('error message');`

Answer: B

Explanation: The command `logError('error message');` is used to handle errors effectively in a scheduled job script, allowing you to log the error message for later analysis.

### Question: 826

If a user receives a message stating "You do not have permission to access this record," what is the most effective first step in troubleshooting this issue?

- A. Check the server logs for more details.
- B. Review the user's security group settings.
- C. Reboot the application server.
- D. Increase the user's access level.

Answer: B

Explanation: Reviewing the user's security group settings is the most effective first step, as it directly addresses the permissions that govern access to specific records in Maximo.

### Question: 827

What two configurations are essential for enabling Mobile Device access to Maximo?

- A. Mobile Application URLcorrect
- B. Device Authenticationcorrect
- C. User Access Level
- D. Network Configuration
- E. Device Compatibility

Answer: A, B

Explanation: The Mobile Application URL directs devices to the application, and Device Authentication ensures secure access, both fundamental for mobile functionality.

### Question: 828

What command should be executed to rebuild indexes in a SQL Server database used by Maximo for performance improvement?

- A. `ALTER INDEX ALL ON table_name REBUILD;`

- B. EXEC sp\_rebuildindex;
- C. REBUILD INDEX ON table\_name;
- D. DBCC DBREINDEX;

Answer: A

Explanation: The command ALTER INDEX ALL ON table\_name REBUILD; is used to rebuild indexes in a SQL Server database, which can improve performance by reorganizing the data structure.

### Question: 829

Which log file would you analyze to troubleshoot issues related to failed workflow processes in Maximo?

- A. workflow.log
- B. maximo.log
- C. system.log
- D. cron.log

Answer: A

Explanation: The workflow.log file contains detailed information about workflow processes, making it the appropriate log to analyze when troubleshooting issues related to failed workflows.

### Question: 830

Which of the following log files should be reviewed to analyze performance issues related to WebSphere in a Maximo environment?

- A. server.log
- B. WebSphere.log
- C. maximo.log
- D. application.log

Answer: A

Explanation: The server.log file should be reviewed to analyze performance issues related to WebSphere, as it contains information about application server performance and errors.

### Question: 831

In WebSphere, which parameter is crucial for tuning the performance of the HTTP session management?

- A. session.management.strategy
- B. session.cacheSize
- C. session.timeout
- D. session.persistency

Answer: A

Explanation: The session.management.strategy parameter is crucial for tuning the performance of HTTP session management in WebSphere, allowing for optimization based on application needs (e.g., in-memory or persistent sessions).

### Question: 832

What is the primary purpose of the Maximo Migration Toolkit in the context of upgrades and migrations?

- A. To provide a user interface for data entry
- B. To automate the installation process
- C. To manage user permissions
- D. To facilitate the migration of customization and data

Answer: D

Explanation: The Maximo Migration Toolkit is designed to facilitate the migration of customization and data, streamlining the upgrade process and ensuring that vital configurations are preserved.

### Question: 833

When renewing certificates in Maximo Manage, which of the following commands is used to import a new certificate into the Java KeyStore?

- A. keytool -renew -file newcert.pem -keystore keystore.jks
- B. keytool -importcert -file newcert.pem -keystore keystore.jks
- C. keytool -addcert -file newcert.pem -keystore keystore.jks
- D. keytool -update -file newcert.pem -keystore keystore.jks

Answer: B

Explanation: The command `keytool -importcert -file newcert.pem -keystore keystore.jks` is used to import a new certificate into the Java KeyStore correctly.

**Question: 834**

Which of the following strategies is recommended for migrating data from an older version of Maximo to a new installation?

- A. Use of the Maximo Integration Framework
- B. Manual data entry
- C. Data import using CSV files
- D. Direct database copy

Answer: A

Explanation: Using the Maximo Integration Framework is the recommended strategy for migrating data, as it ensures data integrity and proper mapping during the transition.

**Question: 835**

Which of the following actions should be taken to ensure data integrity when exporting records from Maximo using the Integration Framework?

- A. Compress data files for faster export.
- B. Export all records without filters.
- C. Ignore duplicates in the export process.
- D. Validate records against existing data before export.

Answer: D

Explanation: Validating records against existing data before export is essential to ensure data integrity, preventing any inconsistencies or errors in the exported data.

**Question: 836**

In a Maximo installation scenario, which of the following components must be prepared before initiating the installation on a cloud-based platform?

- A. Network configuration
- B. All of Others
- C. Security settings

D. Database provisioning

Answer: B

Explanation: Preparing all listed components (network configuration, database provisioning, and security settings) is essential before initiating the Maximo installation on a cloud-based platform.

**Question: 837**

What is the primary role of the database schema in Maximo, and how does it affect application performance?

- A. It defines the user interface layout.
- B. It configures system properties for Maximo.
- C. It manages user permissions and roles.
- D. It dictates how data is structured and accessed.

Answer: D

Explanation: The database schema defines how data is structured and accessed, influencing application performance by optimizing queries and ensuring efficient data retrieval.

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