



Oracle

Exam Questions 1Z0-447

Oracle GoldenGate 12c Implementation Essentials

NEW QUESTION 1

Which three are types of encryption supported by OGG?

- A. Parameter file encryption
- B. Password
- C. Trial file encryption
- D. Message encryption

Answer: ABC

NEW QUESTION 2

You want to increase parallelism for greater integrated Replicat throughput while preserving the original transaction atomicity. How can you achieve this?

- A. You can configure integrated Replicat with two parallel apply servers.
- B. You can configure integrated Replicat with two parallel child servers.
- C. You can configure integrated Replicat with theSPECIALRUNparameter.
- D. You can configure integrated Replicat withASSUMETARGETDEFSandSPECIALRUNparameters.

Answer: A

NEW QUESTION 3

Select four Oracle GoldenGate use cases.

- A. real-time discovery
- B. real-time data warehousing
- C. offload reporting
- D. zero downtime upgrades and migrations
- E. backup and recovery
- F. data center load balancing by using multi-master replication

Answer: BCDF

NEW QUESTION 4

You need to configure the source database, target database, and Oracle GoldenGate for conflict detection and resolution (CDR). You want the full before image of each record, but your database does not provide a before image in the log record and must be configured to do so with supplemental logging. How should you proceed?

- A. Include theOVERWRITEcommand.
- B. Include theUSEDELTAcommand.
- C. Include theADD TRANDATAcommand.
- D. Include theUPDATAROWEXISTSCcommand.

Answer: C

NEW QUESTION 5

What is the default threshold for message compression in OGG?

- A. 1000
- B. 100
- C. 0
- D. By default, messages are not compressed.

Answer: A

NEW QUESTION 6

You need to locate the position of the oldest unprocessed transaction by using the command INFO EXTRACT <extractgroup> SHOWCH. How should you proceed?

- A. Use the Read Startup Checkpoint.
- B. Use the Read Recovery Checkpoint.
- C. Use the Write Startup Checkpoint.
- D. Use the Read Current Checkpoint.

Answer: B

NEW QUESTION 7

You need to look up table definitions in a file. Which Replicat parameter should you use?

- A. ASSUMETARGETDEFS
- B. COLMATCH
- C. SOURCEDEFS
- D. MAP

Answer: C

NEW QUESTION 8

What file must be configured in order to use custom encryption keys?

- A. ENCKEYS
- B. ENCRYPT
- C. GLOBALS
- D. CUSTKEYS

Answer: A

NEW QUESTION 9

For which database, other than SQL Server, does an Extract use a method of Secondary Truncation Point management?

- A. Teradata
- B. Informix
- C. Sybase
- D. DB2

Answer: D

NEW QUESTION 10

What is the key purpose of GoldenGate trail files?

- A. They are a persistent storage area for captured transactions.
- B. They are configuration files for the GoldenGate processes.
- C. They are checkpoint files for the GoldenGate processes.
- D. They are database auditing logs where GoldenGate captures changes.

Answer: C

NEW QUESTION 10

Identify two correct statements regarding GoldenGate supported features.

- A. GoldenGate supports network encryption and compression.
- B. GoldenGate supports DML and DDL replication for all supported databases.
- C. GoldenGate for Oracle supports Exadata Hybrid Columnar Compression as a source.
- D. GoldenGate for SQLServer supports only SQLServer Standard Edition as a source.

Answer: AC

NEW QUESTION 11

You must implement GoldenGate in a secure environment. How should you proceed in order to protect GoldenGate data from theft?

- A. Implement trail file encryption.
- B. Ensure that passwords are encrypted.
- C. Ensure that network communications are encrypted.
- D. Ensure that table-level Transparent Data Encryption is implemented.

Answer: D

NEW QUESTION 16

Which combination of DBMS, Extract, and GoldenGate version is required to avoid using a DDL trigger?

- A. Oracle Database 11.2.0.3 or greater, Integrated Extract, and GoldenGate 12.1 or greater
- B. any version of Oracle Database, Integrated Extract, and GoldenGate 11.2 or greater
- C. Oracle Database 11.2.0.4 or greater, Integrated Extract, and GoldenGate 12.1 or greater
- D. Oracle Database 12c or greater, Integrated Extract, and GoldenGate 11.2 or greater

Answer: C

NEW QUESTION 17

Which statement is valid for DDL replication?

- A. GoldenGate User Exits are not supported for DDL.
- B. Source and target objects can be different.
- C. Target objects can be different from source when usingSOURCEDEFSin Replicat.
- D. It can useWILDCARDRESOLVE IMMEDIATE.

Answer: B

NEW QUESTION 19

Your Extract process, which is using an Oracle database, has stopped with uncommitted transactions. How should you guarantee an efficient recovery after Extract has stopped?

- A. Use theFORCETRANSandPURGEORPHANEDTRANSACTIONSPparameters to control the bounded recovery feature of the general Extract checkpointing facility.
- B. Use theWARNLONGTRANSparameter to control the bounded recovery feature of the general Extractcheckpointing facility.
- C. Use theBRparameter to control the bounded recovery feature of the general Extract checkpointing facility.
- D. Use thePURGEORPHANEDTRANSACTIONSPparameter to control the bounded recovery feature of the general Extract checkpointing facility.

Answer: C

NEW QUESTION 23

What software is required prior to running Oracle GoldenGate in a Windows Server environment?

- A. Oracle Gateway software configured for that particular database platform
- B. JDBC drivers into the GoldenGate home directory
- C. Microsoft Visual C++ 2010 SP1 Redistributable Package
- D. Nothing, configure GoldenGate Jagent for that particular database platform.

Answer: C

NEW QUESTION 24

You have an issue where all threads are waiting for a specific transaction to be executed first. What is this issue related to?

- A. It is caused byTHREAD and THREADRANGEbeing used with wildcard MAP statements.
- B. It is caused by the thread with the highest thread ID applying barrier transactions.
- C. It is caused by the use of theMAXTRANSOPSPparameter.
- D. It is caused by barrier transactions in a Coordinated Replicat.

Answer: D

NEW QUESTION 25

Replicat makes checkpoints in the trail file to mark its last read position. Select two ways to create checkpoint tables.

- A. Run thecheckpt_db_extracttrail.sqlscript.
- B. Run thecheckpt_db_create.sqlscript.
- C. Use theADD Extract Trailcommand.
- D. Use theINFO REPLICATcommand with theSHOWCHOoption.
- E. Use theADD CHECKPOINTTABLEcommand.

Answer: BE

NEW QUESTION 29

Which parameter for GoldenGate 12c enables DDL replication for a Replicat?

- A. TARGETDDL
- B. GETDDL
- C. DDL for Replicat is enabled by default.
- D. USEDDL

Answer: C

NEW QUESTION 30

Which three describe a valid OGG Event Action?

- A. Stop the process
- B. Write a checkpoint before and/or after writing the record to the trail.
- C. Run a shell command
- D. Purge old trail files

Answer: ABC

Explanation: In reference guide, page 312, Syntax EVENTACTIONS ([STOP| ABORT | FORCESTOP][IGNORE [TRANSACTION [INCLUDEVENT]][DISCARD][LOG [INFO | WARNING]][REPORT][ROLLOVER][SHELL<command>][TRACE <trace file> [TRANSACTION] [PURGE | APPEND]][CHECKPOINT[BEFORE | AFTER | BOTH]][, ...])

NEW QUESTION 33

Your Replicat performance seems slow. Which Replicat parameter can be used to improve performance?

- A. DEFERAPPLYINTERVAL
- B. BATCHSQL
- C. ASSUMETARGETDEFS
- D. SPECIALRUN

Answer: B

NEW QUESTION 34

Which could be used to map a value stored in a user token to a target column?

- A. @GETENV
- B. GGHEADER
- C. GGENVIRONMENT
- D. @TOKEN

Answer: D

NEW QUESTION 39

Which three are valid Extract or Replicat statements using the @RANGE function for an Acct table with a Primary Key on the AccountID column? (Select three.)

- A. MAP sales.acct, TARGET sales.acct, FILTER (@RANGE (2, 3, AccountID));
- B. MAP sales.acct, TARGET sales.acct, FILTER (@RANGE (1, 3, ID));
- C. TABLE fin.Sales, FILTER (@RANGE (1, 2));
- D. FILTER (@RANGE (2, 2, AccountID));
- E. FILTER (@RANGE 2, 2, ID);

Answer: ABC

NEW QUESTION 41

How should you configure Replicat to control how errors are handled in one-way replication?

- A. UseREPERRORin the Replicat parameter file.
- B. UseHANDLECOLLISIONin the Replicat parameter file.
- C. Use Conflict Detection and Resolution in the Replicat parameter file.
- D. UseMAPEXCEPTIONin the Replicat parameter file.

Answer: A

NEW QUESTION 42

Which GLOBALS parameter is required to initially enable monitoring?

- A. JAGENTMONITORING
- B. ENABLEMONITORING
- C. ENABLEOEMMONITORING
- D. CHECKMONITORING

Answer: B

NEW QUESTION 46

In which process should you configure the warning for long-running transactions?

- A. Jagent
- B. Extract
- C. Replicat
- D. Manager

Answer: B

NEW QUESTION 49

Your GoldenGate deployment is using a shared wallet, and older versions of the master key should be retained after the master key is renewed until all processes are using the newest version.

How should you determine whether all of the processes are using the newest version so that you can delete older versions of the master key?

- A. GoldenGate deployments cannot use a shared wallet.
- B. View the GoldenGate log files to monitor Replicat report files to verify that the SCN was applied by allReplicat groups.
- C. View the report file of the newest Extract after renewing the master key to confirm the last SCN that was mined with old key.
- D. View the report file of each Extract immediately after renewing the master key to confirm the last SCN that was mined with the old ke
- E. Then, monitor the Replicat report files to verify that this SCN was applied by all Replicat groups.

Answer: D

NEW QUESTION 51

You are implementing GoldenGate monitoring via the Enterprise Manager Plug-In. When you start JAgent, it fails with "ajavA.lang.Exception: One or more Java Agent properties in Config.properties are not defined properly".

What is the first thing to check?

- A. if The Enterprise Manager Agent is running
- B. if the JAgent has been enabled in the GoldenGate Manager
- C. if the agent type is set to OEM in JAgent properties
- D. if the Oracle Wallet has been created for the JAgent

Answer: C

NEW QUESTION 53

GoldenGate has cached long-running open transactions to disk for an Oracle database. Where can you locate them?

- A. in the checkpoint file area
- B. in the trail files area
- C. in the server temporary file system
- D. in the bounded recovery area

Answer: C

NEW QUESTION 58

You want to use multiple concurrent Extract process groups. What is the key factor in determining how many can be running at the same time?

- A. the number of concurrent users
- B. disk space
- C. system memory
- D. the number of compound keys on the source tables

Answer: C

NEW QUESTION 61

You must implement GoldenGate in a master-to-master configuration. What output from the profiling scripts should you look for to ensure that your implementation is correct?

- A. Tables set with nologging
- B. Tables with Large Object (LOB) data types
- C. Tables that have conflicts
- D. Triggers and sequences

Answer: C

NEW QUESTION 66

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