

IBM

Exam P2090-047

IBM PureData System for Transactions Technical Mastery Test v1

Version: 3.0

[Total Questions: 132]

Topic 1, Volume A**Question No : 1 - (Topic 1)**

A SELECT statement spends all its time returning 1 billion rows. What can be done to make this faster?

- A. Use a CURSOR.
- B. Use an EXTERNAL table.
- C. Use the COPY command.
- D. Increase the PreFetch Count.

Answer: B

Question No : 2 - (Topic 1)

What function can nzbakcup perform?

- A. Back up pg.log files.
- B. Back up TEMP tables.
- C. Back up host data (catalog metadata).
- D. Back up the data using the specified number of streams.

Answer: D

Question No : 3 - (Topic 1)

nzbakcup/nzrestore with the -user option has been replaced with which option to allow multi-level security (MLS) information, such as categories, cohorts, and levels to be backed up/restored?

- A. -all
- B. -mls
- C. -users
- D. -globals

Answer: D

Question No : 4 - (Topic 1)

When loading a local ASCII file into table via an external table, where can the SQL be submitted?

- A. From a User Defined Function.
- B. From a JDBC application networked to the system.
- C. From nzsqli on an AIX machine networked to the system.
- D. From nzsqli on Microsoft Windows networked to the system.

Answer: B

Question No : 5 - (Topic 1)

Which is NOT a function that can be performed by nzsbackup?

- A. Backup data
- B. Backup schemas
- C. Backup users/groups
- D. Backup the /nz/data directory

Answer: D

Question No : 6 - (Topic 1)

Which nzsload operation statement is correct?

- A. nzsload must have a control file.
- B. nzsload performs singleton inserts.
- C. nzsload user must have CREATE EXTERNAL TABLE privilege.
- D. nzsload must be run from the PureData System for Analytics host.

Answer: C

Question No : 7 - (Topic 1)

Name the CLI application that allows you to load data from ASCII files to database tables?

- A. nzload
- B. loadmgr
- C. nzimport
- D. nzrestore

Answer: A

Question No : 8 - (Topic 1)

You have access to two databases, DEV and PROD. Currently you are connected to the DEV database. Which operation is permitted?

- A. Delete from PROD..TableA
- B. Select * from PROD..TableA
- C. Truncate table PROD..TableA
- D. Insert into PROD..TableA select * from DEV..TableB

Answer: B

Question No : 9 - (Topic 1)

Which statement is true?

- A. MATERIALIZED VIEWS can be run against EXTERNAL tables.
- B. GENERATE STATISTICS can be run against EXTERNAL tables.
- C. EXTERNAL table data is deleted using the SQL DELETE command.
- D. EXTERNAL tables can be used to unload data to a Microsoft Windows directory.

Answer: D

Question No : 10 - (Topic 1)

What is required to troubleshoot a query?

- A. nzevents and the pg.log.
- B. nzsqli and the ODBC config.
- C. nzinventory and the dbos.log.

D. nzdumpschema and the execution plan.

Answer: D

Question No : 11 - (Topic 1)

Given a plan ID, how would you obtain the query execution plan? (Choose two.)

- A. Turn ODBC tracing ON.
- B. Issue "SELECT * FROM _V_SESSION;"
- C. Go to the query history within the Windows NzAdmin GUI tool.
- D. Run EXECUTION PLAN before the query has been submitted.
- E. Issue "SHOW PLANFILE <nn>;" after the query has been submitted.

Answer: C,E

Question No : 12 - (Topic 1)

When is the TopologyImbalance event triggered?

- A. When a SAS switch has failed.
- B. When the path between an S-Blade and its disks has failed.
- C. When a disk enclosure's voltage sensor is reading outside the nominal range.
- D. When an S-Blade has ownership of more dataslices than is optimal (usually following a disk replacement).

Answer: D

Question No : 13 - (Topic 1)

Which component failure does NOT trigger a HardwareServiceRequested event?

- A. Fan
- B. Disk
- C. Host
- D. S-Blade

Answer: C

Question No : 14 - (Topic 1)

Which statement describes administrative privileges?

- A. Provides audit functionality for the database.
- B. Manages resource allocations for concurrent processing.
- C. Gives permission to execute global operations and to create objects.
- D. Gives additional storage to select members of the administrator group.

Answer: C

Question No : 15 - (Topic 1)

The query history data collected DOES NOT provide insight to which of the type of performance and behavior questions?

- A. The typical or most common types of queries.
- B. The longest and shortest running queries on the system.
- C. The queries submitted by specific users or groups of users.
- D. The rotational speed of the disk drives during query execution.

Answer: D

Question No : 16 - (Topic 1)

When setting up a crontab entry, what must be done on a PureData System for Analytics server?

- A. Create an nzcron event.
- B. nzstop/nzstart the database.
- C. Stop and start the appliance.
- D. Add entry to active host and standby host.

Answer: D

Question No : 17 - (Topic 1)

Which is a function of the Linux-HA heartbeat?

- A. Performs regeneration of failed disks on the hosts.
- B. Manages communication and processes on the S-Blades.
- C. Performs disk partitioning and status of jobs on the S-Blades.
- D. Manages communication and status of services on the hosts.

Answer: D

Question No : 18 - (Topic 1)

Which High-Availability (HA) mechanism is used by the PureData System for Analytics Appliance?

- A. AIX-HA
- B. Linux-HA
- C. SuSE-HA
- D. Solaris-HA

Answer: B

Question No : 19 - (Topic 1)

Which condition will NOT fail or restart a running query on a PureData System for Analytics Appliance?

- A. Disk resets or fails.
- B. Host resets or fails.
- C. S-Blade resets or fails.
- D. Snippet Processing Unit (SPU) resets or fails.

Answer: A

Question No : 20 - (Topic 1)

Which condition will interrupt a query running on a fully operational PureData System for Analytics?

- A. One fan fails.
- B. One disk fails.
- C. Active host fails.
- D. One power supply fails.

Answer: C

Question No : 21 - (Topic 1)

A group has a resource allocation maximum of 50% and the job maximum is set to 1. Two users within this resource group each execute 1 job at the same time, which statement is correct?

- A. Each job gets 25% and both run at the same time.
- B. Each job gets 50% but only one job runs at a time.
- C. Each job gets 50% and both run at the same time.
- D. You cannot set the job maximum per resource group.

Answer: B

Question No : 22 - (Topic 1)

Given the following query: `Select count(*) from TableA;` How can you view the query plan without executing the query?

- A. Use `explain`.
- B. Use `statistics`.
- C. Use `pg.log` file.
- D. Set `show_plan = true;`

Answer: A

Question No : 23 - (Topic 1)