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Question: 1

What two files are extracted from the SQL Extension toolkit package?

- A. libnetinza-version.tar.gz
- B. libnetsqlxt-version.tar.gz
- C. libnetxml-version.tar.gz
- D. libnetcrypto-version.tar.gz
- E. libnetsqlkit-version.tar.gz

Answer: AE

Explanation:

Question: 2

To enable or disable multiple schema support on the IBM Netezza Performance Server, which configuration file needs to be updated?

- A. system.cfg
- B. pg_hba.conf
- C. postgresql.conf
- D. startup.cfg

Answer: C

Explanation:

Question: 3

Which two products or methods can be used for disaster recovery when using IBM Netezza Performance Servers?

- A. Cloud Pak for Data
- B. InfoSphere Data Replication
- C. Netezza Replication Services
- D. Data Serialization
- E. NPS Backup and Restore

Answer: BE

Explanation:

Question: 4

What is the purpose of the nzstate command?

- A. restore the database to the last backup

- B. list the state of the system
- C. list the states of backups available
- D. list the state of a running query

Answer: A

Explanation:

Question: 5

What should be the state of the IBM Netezza Performance Server system in order to run the `nz_manual_vacuum` command?

- A. online
- B. running
- C. stopped
- D. paused

Answer: C

Explanation:

Question: 6

What are Clustered Base Tables (CBT)?

- A. Tables that decrease allocated storage
- B. Tables that contain sorted data using one to four columns.
- C. Tables that increase pre-sorting of new table records before a loading operation.
- D. Tables that replicate the base table.

Answer: B

Explanation:

Question: 7

Which two commands are used to list all hardware and software components on Cloud Pak for Data System?

- A. `ap hw`
- B. `nzsw`
- C. `nzhv`
- D. `ap sw`
- E. `oc pod -h -s`

Answer: AD

Explanation:

Question: 8

What is a purpose of the command nzsystm?

- A. to show and change the system state
- B. to show and change nzroot use
- C. to show and change system users
- D. to show and change system access

Answer: A

Explanation:

https://www.ibm.com/support/knowledgecenter/SSULQD_7.2.1/com.ibm.nz.adm.doc/r_sysadm_nz_system_cmd.html

Question: 9

What are two important factors to consider when selecting a distribution key?

- A. not Nullable constraint
- B. columns used for filters
- C. distinct values
- D. columns used for joins
- E. table constraints

Answer: AB

Explanation:

Question: 10

Which two commands can be used to get a plan file for a query?

- A. nzsqli -c "show planfile <planid>"
- B. nzsqli -c "select plan_text from _v_plan"
- C. nzsqli -c "get planfile <planid>"
- D. nz_get <planid>
- E. nz_plan <planid>

Answer: AD

Explanation:

Question: 11

Which two external methods can IBM Netezza Performance Server use to authenticate database users?

- A. LDAP

- B. SSH
- C. Radius
- D. PKI-Based
- E. Kerberos

Explanation:

Answer: AD

Question: 12

Which state does the nzstate command show when the IBM Netezza Performance Server system fails to initialize?

- A. stopped
- B. paused
- C. discovering
- D. down

Explanation:

Answer: B

Question: 13

What command is used to verify the release of IBM Netezza Performance Server Analytics installed?

- A. nzcml --inza
- B. nzrev --inza
- C. nzinza
- D. inzarev

Explanation:

Answer: A

Question: 14

What ap cli command is used to disable a node?

- A. ap node power off
- B. ap node set personality fail
- C. ap stopnode
- D. ap node disable

Answer: D

Question: 15

Which is the most efficient data type for distribution keys?

- A. integers
- B. internal datatypes (ROWID etc.)
- C. temporal types
- D. strings

Answer: D

Explanation:

Question: 16

What is required in order to restore a specific table using the nz_restore support tool?

- A. A table needs to be backed up by using nzbackup utility.
- B. A table that is being restored must have the same name in the backup set.
- C. The userspace must be provided
- D. The table structure (DDL) needs to exist

Answer: A

Explanation:

Question: 17

Which level of transaction isolation does IBM Netezza Performance Server implement?

- A. uncommitted read
- B. serializable
- C. repeatable read
- D. committed read

Answer: B

Explanation:

Question: 18

What command is used to add an event?

- A. nzevent add
- B. nzevent insert
- C. nzevent load
- D. nzevent create

Answer: A

Explanation:

Question: 19

What is the purpose of the nzload control file?

- A. To define load operations in a text file instead of having to specify options on the command line
- B. To ensure that a simple load that uses external tables continues after the system is paused and resumed.
- C. To take advantage of a named pipe capability to stream the data to external tables faster.
- D. To control the re-load operations of the data file after every load failure

Answer: A

Explanation:

Question: 20

To how many resource groups can a user be assigned?

- A. four
- B. unlimited
- C. three
- D. one

Answer: C

Explanation:

Question: 21

Which two command line support tools are used to determine the order of data for a given table?

- A. nz_physical_table_layout
- B. nz_zonemap
- C. nz_pagemap
- D. nz_sort_order
- E. nz_get

Answer: BC

Explanation:

Question: 22

When choosing a distribution key for a large fact table, what is a valid choice?

- A. any column used in table constraints

- B. any column with low cardinality
- C. a technical or surrogate key
- D. any date column commonly used in queries

Answer: A

Explanation:

Question: 23

By default, when are the postgres logs rotated on an IBM Netezza Performance Server?

- A. hourly or greater than 100 MB
- B. daily or greater than 1 GB
- C. monthly or greater than 10 GB
- D. weekly or greater than 5 GB

Answer: A

Explanation:

Question: 24

Which statement regarding the IBM Netezza Performance Server (NPS) admin database user is true?

- A. The admin user should be deleted after installing NPS.
- B. The admin user is added to the host OS before installing NPS.
- C. The admin user can not be deleted after installing NPS.
- D. The admin user is the only owner of a database on NPS.

Answer: A

Explanation:

Question: 25

What nzsqa option can be used to view workload metrics including usage summary, resource usage and short/long running jobs?

- A. nzsqa progress
- B. nzsqa wlm
- C. nzsqa responders
- D. nzsqa schedqueues -sys

Answer: C

Explanation:

Question: 26

What access is required to create a new user in IBM Netezza Performance Server?

- A. An account with NEW USER administrative privilege
- B. An account with CREATE USER administrative privilege.
- C. An account with CREATE GROUP access on the host OS.
- D. An account with CREATE ID access on the host OS.

Answer: A

Explanation:

Question: 27

What is the duration of SQB by default?

- A. 3 seconds
- B. 6 seconds
- C. 2 seconds
- D. 10 seconds

Answer: C

Explanation:

Question: 28

Which statement regarding drive failure is true?

- A. Queries and transactions are not interrupted by drive failure if their data is not on the failed drive.
- B. Queries and transactions are not interrupted in the event of a drive failure.
- C. Queries and transactions are interrupted by drive failure because there is no drive mirroring for drives.
- D. Running queries and transactions will finish, but new transactions will not be allowed till drive is changed.

Answer: A

Explanation:

Question: 29

What is a valid selection from the home page of the IBM Netezza Performance Server web console?

- A. create IBM Object Storage
- B. query performance
- C. create new service
- D. monitor snippets

Answer: A

Explanation:

Question: 30

IBM Netezza Performance Server drivers for the Go Language can be obtained from which location?

- A. IBM Public GitHub Repository
- B. Red Hat Marketplace
- C. download.google.com
- D. Docker Hub

Answer: D

Explanation:

Question: 31

How can a user update statistics on a table?

- A. by running UPDATE STATISTICS
- B. by running a query against the table
- C. by running GENERATE STATISTICS
- D. by restarting the database

Answer: A

Explanation:

Question: 32

DRAG DROP

What is the order of the operations of a typical snippet in a query plan?

Unordered Options

- ScariNode
- SadNoda
- Restric INode
- Return Node

Ordered Options

Answer:

Explanation:

Question: 33

Which system view stores the information on how many resources have been allocated for the resource group versus how many were allowed?

- A. `_v_sched_gra`
- B. `_v_system_util`
- C. `_v_qryhist`

D. _v_plan_resource

Answer: D

Explanation:

Question: 34

What is the name of the IBM Netezza Performance Server Replication node at the target nodes when using Netezza Replication Services?

- A. SUBORDINATE NODE
- B. MASTER NODE
- C. STANDBY NODE
- D. PRIMARY NODE

Answer: B

Explanation:

Question: 35

Which statement is accurate regarding snippets?

- A. The number of snippets depends on query and complexity.
- B. Every query is always turned into four snippets.
- C. Every query is always turned into one snippet.
- D. The number of snippets is always based on the size of the system.

Answer: C

Explanation:

Question: 36

When restoring a database using nrestore utility, which is true for the nps host option?

- A. It is the hostname of the storage server
- B. It is a HOSTNAME value set in backupHostname.txt file on the backup source system.
- C. It is a host name of the target system to restore a database to.
- D. It is a remote host name or IP address of the system to connect to.

Answer: C

Explanation:

Question: 37

When computing the row size for a table row, what overhead should be accounted for?

- A. 48 bytes for ROWID, CREATEXID and DELETExID only

- B. 32 bytes for ROWID, CREATEXID, DELETExID and the null vector
- C. 32 bytes for ROWID, CREATEXID and DELETExID and a variable number of bytes for the null vector if there are nullable columns
- D. 24 bytes for ROWID, CREATEXID and DELETExID plus null vector if there are nullable columns and record header depending on string columns

Answer: A

Explanation:

Question: 38

When integrating IBM Spectrum Protect into IBM Netezza Performance Server (NPS) for backup and restore, how must the NPS host be defined?

- A. as a client of the storage manager server
- B. as the primary storage manager server
- C. as the primary backup target
- D. as a cloud storage repository

Answer: A

Explanation:

Question: 39

What are two primary purposes of UDX?

- A. it is a required component of all Netezza SQL commands
- B. to force execution only on the SPU nodes
- C. to offer new and unique types of analyses through customized code
- D. to showcase one's capability to write UDX code to duplicate existing SQL functions
- E. to accelerate analysis by processing data in-database

Answer: DE

Explanation:

Question: 40

What are two valid column constraints?

- A. DEFAULT
- B. INITIALLY IMMEDIATE
- C. INITIALLY DEFERRED
- D. NULL
- E. DEFERRABLE

Answer: CD

Explanation:

Question: 41

Within a database session, which syntax allows a user to change to a different schema (NEW_SCHEMA)?

- A. ALTER SESSION SET SCHEMA=NEW_SCHEMA
- B. SET CURRENT SCHEMA TO NEW_SCHEMA
- C. SET SCHEMA NEW_SCHEMA
- D. ALTER DATABASE database name SET DEFAULT SCHEMA NEW_SCHEMA

Answer: C

Explanation:

Question: 42

Which log file provides a DBA with an actual SQL statement that was executed?

- A. clientmgr.log
- B. pg.log
- C. sysmgr.log
- D. dbos.log

Answer: C

Explanation:

Question: 43

Which three scripts are included in the IBM Netezza Performance Server Software Support Tools?

- A. nzsql
- B. nz_ddl
- C. nzsqa
- D. nz_stats
- E. nzbackup
- F. nz_tables

Answer: CEF

Explanation:

Question: 44

Which command is used to register a user defined table function in the database?

- A. CREATE FUNCTION
- B. nzudxcompile
- C. ALTER FUNCTION
- D. ECHO

Answer: A

Explanation:

Question: 45

Which statement is true when executing the GROOM command on a Clustered Base Table (CBT)?

- A. It reclaims space from deleted rows and does not re-order data
- B. Enough space is required for GROOM to make a complete copy of the table
- C. GROOM uses CREATE TABLE AS SELECT (CATAS) for CBT to reclaim space and re-order data.
- D. It reclaims space from deleted rows and re-orders data.

Answer: A

Explanation:

Question: 46

Which partition on the SPU node is used to store transient working data that is generated during query execution?

- A. Primary
- B. Nzscratch
- C. Mirror
- D. nzlocal

Answer: A

Explanation:

Question: 47

Which two cross-database SQL operations are allowed?

- A. DELETE
- B. ALTER VIEW
- C. ALTER TABLE
- D. CREATE TABLE
- E. REVOKE

Answer: CD

Explanation:

Question: 48

Which two scenarios can be addressed using the `nz_check_disk_scan_speeds` command?

- A. check system status

- B. get skew information distributed across disks
- C. see disk read and write speeds
- D. slow performing SPU or drive
- E. get disk storage utilization details

Answer: BE

Explanation:

Question: 49

Which two commands will show a query plan without running the query?

- A. nz_plan querytext
- B. EXPLAIN PLAN FILE querytext
- C. EXPLAIN PLANGRAPH querytext
- D. EXPLAIN querytext
- E. nzsqli -t querytext -O planfile.pln

Answer: AD

Explanation:

Question: 50

What is the maximum length of a CHAR/VARCHAR column?

- A. 65.535
- B. 32.000
- C. 64,000
- D. 16.000

Answer: A

Explanation:

Question: 51

How does IBM Netezza Performance Server store data?

- A. Tables are distributed across all data slices compressed
- B. Tables are distributed to a single data slice compressed.
- C. Tables are distributed across all data slices uncompressed.
- D. Tables are distributed across a subset of data slices uncompressed.

Answer: A

Explanation:

Question: 52

What happens to NFS mounts after a container failover?

- A. NFS is handled by Red Hat OpenShift and does not need to be mounted.
- B. Sysmgr will remount it as part of the IBM Netezza Performance Server environment
- C. A containers do not allow for NFS mounts.
- D. It will be automatically mounted by the ipsnfs service.

Answer: A

Explanation:

Question: 53

Which is a valid statement regarding event rules on the IBM Netezza Performance Server (NPS) Console?

- A. New event rules can be added using the queries panel in NPS Console.
- B. New event rules can be added using the event rules panel in NPS Console.
- C. New event rules can only be added in the host container.
- D. New event rules must be added using the npsaddevent command.

Answer: D

Explanation:

Question: 54

Which statement is correct about command nz_responders?

- A. displays user activity in tabular format
- B. displays information from nzsql responders -all in a more user-friendly format
- C. displays information from nzsqa responders -sys in a more user-friendly format
- D. displays resource utilization statistics in JSON format

Answer: B

Explanation:

Question: 55

In IBM Netezza Performance Server, what storage file system is shared across the host containers?

- A. IBM Spectrum Scale or General Parallel File System (GPFS)
- B. NT File System (NTFS)
- C. Glusterfs
- D. 2 File System (ZFS)

Answer: B

Explanation:

Question: 56

Consider a scenario where a customer has a FACT_SALES table with a column zip_code with data type char(5). They frequently restrict on this column, but the query is very inefficient.

What is the correct way to optimize this query without modifying the column?

- A. Create a copy of FACT_SALES table with zip_code as integer data type.
- B. alter table fact_sales to organize on zip_code. followed by groom.
- C. CREATE ORGANIZED view for FACT_SALES table
- D. Create a view with a typecast to integer and use view for query purposes

Answer: C

Explanation:

Question: 57

The nzhostbackup command backs up which directory by default?

- A. /nz/data/
- B. /nzscratch/
- C. /export/home/nz
- D. /nz/kit/

Answer: D

Explanation:

Question: 58

Which date time format is used to capture history activities?

- A. system time
- B. local time
- C. EST
- D. GMT

Answer: A

Explanation:

Question: 59

Which two file formats are valid for external tables?

- A. text-delimited

- B. fixed-length
- C. JSON
- D. HL7
- E. XML

Answer: AC

Explanation:

Question: 60

When is a PRIMARY KEY (PK) table constraint evaluated during an INSERT statement into the table?

- A. The PK constraint is never checked when a row is inserted into the table.
- B. After the row is inserted into the table.
- C. Before the row is inserted into the table.
- D. The PK constraint is only checked during a GENERATE STATISTICS operation.

Answer: C

Explanation: