



000-120

Academic Associate: IBM i 7 Administration

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Question: 1

What is the purpose of the Max Active parameter when creating or modifying a memory pool?

- A. It limits how many jobs can run concurrently.
- B. It limits the number of users which can access that memory.
- C. It limits the number of threads which can process concurrently.
- D. It limits cache availability for the subsystems assigned to the pool.

Answer: C

Question: 2

An IBM i programmer requires access to data stored in a file located on a Windows server. Which filesystem can the programmer use to access this data?

- A. QDLS
- B. QNTC
- C. QOpenSys
- D. QFileSvr.400

Answer: B

Question: 3

Which list contains only objects that can affect the amount of memory available to a job?

- A. Job description,
Subsystem description,
Routing program.
- B. Job description,
Class description.
Shared Pool memory pool description
- C. Job description,
Subsystem description,

Shared Pool memory pool description
D. Class description,
Subsystem description,
Shared Pool memory pool description

Answer: C

Question: 4

Which command provides a listing of currently active subsystems?

- A. WRKSBS
- B. WRKSBSD
- C. WRKUSRJOB
- D. WRKSYSACT

Answer: A

Question: 5

What is the purpose of System Managed Access Path Protection (SMAPP)?

- A. To prevent excessive I/O queuing when updating access paths
- B. To automatically save file access data for security auditing
- C. To improve application run time by providing a 'short cut' to data
- D. To reduce recovery time by journaling changes in access path size and location

Answer: D

Question: 6

An administrator restores a set of two libraries named TEST_A and TEST_B from a backup tape.

Several objects did not restore into library TEST_A .

All objects restored into library TEST_B .

The administrator reviews the job log and finds that all of the objects that failed to restore were logical files.

What is the most likely reason that these objects failed to restore?

- A. The logical files were saved with the ACCPTH (*NO) parameter.
- B. The ALWOBJDIF (*ALL) parameter was not specified on the RSTLIB command.
- C. The logical files are based on physical files that are in library TEST_B.
- D. The administrator does not have sufficient authority to restore the access paths.

Answer: C

Question: 7

Which console is required to support virtualization (LPAR) on a Power 740 system?

- A. HMC
- B. Twinax
- C. Operations Console LAN Attach
- D. Operations Console Direct (serial) Attach

Answer: A

Question: 8

After reviewing various items in the system audit journal using the DSPAUDJRNE command, the administrator would like to use the DSPJRN command to output more information. What needs to be specified for the journal in the DSPJRN command in order to output data from the system audit journal?

- A. Library QSYS, journal QAUDJRN
- B. Library *LIBL, journal QAUDRCV01
- C. Library *AUDLIB, journal QAUDCTL
- D. Library QUSRWRK, journal QAUDLVL2

Answer: A

Question: 9

What is the purpose of a job description?

- A. To define where and how a job runs
- B. To assign memory resources to a job
- C. To specify the job purge level and subsystem
- D. To provide a logical way to identify various jobs

Answer: A

Question: 10

What resources are needed for a hosted partition to be successfully created and started?

- A. Network server description
Virtual SCSI adapter
Virtual serial adapter
- B. Network server storage space
Virtual SCSI adapter
Virtual serial adapter
- C. Network server description
Network server storage space
Virtual SCSI adapter
- D. Network server description
Network server storage space
Virtual serial adapter

Answer: C

Question: 11

A daily job produces a large a number of spooled files. The administrator has changed the print file attributes to cause the print files to expire. The administrator has noticed that even though spooled files are expired, they are not being removed from the system. What additional step must be taken to cause these spooled files to be removed from the system?

- A. The system value QEXPSPLF must be set to "REMOVE.
- B. The print files *EXPACTION parameter must be set to *REMOVE.

- C. The Reclaim Spooled Storage (RCLSPLSTG) command must be run
- D. The command DLTEXPSPLF must be run to remove the spool files.

Answer: D

Question: 12

A programmer is developing an application that has several file objects. One of the objects is a control file that will not be updated by the users. What is the correct permission for the control file to prevent updates by users?

- A. *USE
- B. *CHANGE
- C. *OBJREF
- D. *OBJALTER

Answer: A

Question: 13

A user is attempting to connect to a system by using IBM i Access 5250 emulation. The user receives the message "Virtual Device Cannot is selected." What should the administrator do to resolve the problem?

- A. Change the value of the system value QVRTDEV to *YES.
- B. Change the value of the system value AUTOCFG to *YES.
- C. Change the value of the system value QAUTODEV to *ALL.
- D. Change the value of the system value QAUTOVRT to *NOMAX

Answer: D

Question: 14

Which special authority allows user to add, change, and delete user profiles?

- A. *AUDIT
- B. *SECADM
- C. *ALLOBJ

D. *SERVICE

Answer: B

Question: 15

A long running batch job ends unexpectedly. This generates thousands of pages of job log output. The job log includes thousands of informational messages and ends with: "Job message queue cannot be extended." What can the administrator do to prevent the job from ending when this problem occurs?

- A. Change system value QJOBMSGQMX to the highest allowed value of 64.
- B. Change the job so that its output is generated by a Job Log Server.
- C. Change the system value QJOBMSGQFL to *EXTEND enabling automatic job log extension
- D. Change the job's logging level so that informational messages do not appear in the job log.

Answer: D

Question: 16

What system value, when properly set, will allow a single-partition system to come up automatically after an electrical outage?

- A. QIPLSTS
- B. QRMTIPL
- C. QIPLTYPE
- D. QPWRRSTIPL

Answer: D

Question: 17

Which set of object authorities will enable users to run a program object and update data used by the program?

- A. *USE for the program objects and *CHANGE for the data files.
- B. *EXECUTE for the program objects and *CHANGE for the data files.
- C. *OBJEXIST for the program objects and *UPDATE for the data files.

D. *USE for the program objects and *DELETE "UPDATE for the data files.

Answer: A

Question: 18

Which command(s) will change the QBATCH subsystem to process 10 jobs at the same time?

- A. CHGSBSD SBSD(QSYS/QBATCH) MAX JOBS(10)
- B. CHGSBSD SBSD(QSYS/QBATCH) SEQNBR(10)
- C. CHGSBSD SBSD(QSYS/QBATCH) MAXJOBS(10)RESTART(*IMMED)
- D. CHGSBSD SBSD(QSYS/QBATCH) JOBS(10)
ENDSBS SBS(QSYS/QBATCH) OPTION(*IMMED) RESTART(*YES)

Answer: A

Question: 19

An administrator is analyzing job queue QBATCHJOB. There are jobs waiting to run. The job queue is single threaded. Which is the first criterion used to determine how and when a job in the QBATCHJOB queue is processed?

- A. The time and date the jobs were submitted.
- B. The authority of the user submitting the jobs.
- C. The system values assigned for job queue processing.
- D. The priority of the jobs as given by the job description assigned.

Answer: D

Question: 20

What is an advantage of using an authorization list instead of a group profile?

- A. Authorization lists override individual object authority.
- B. An object can be authorized by many authorization lists, but only one group profile.
- C. Authorization lists provide *ALLOBJ access to both objects and programs used to update.

D. Authorization lists allow different users to have individual authorities to the secured objects.

Answer: D

Question: 21

Which system value limits the reuse of old passwords?

- A. QPWDRULES
- B. QPWDRQDDIF
- C. QPWDCHGBLK
- D. QPWDLMTREP

Answer: B

Question: 22

When a program is called using an unqualified call, in what order is the job's library list searched for the program? Example: CALL PAYROLL instead of CALL PAYLIB/PAYROLL

- A. Current library, User libraries and System libraries.
- B. User libraries, Current library and System libraries.
- C. System Libraries, User libraries and Current library.
- D. System Libraries, Current library and User libraries.

Answer: D

Question: 23

An administrator has been asked to provide a report on the performance-based system values. What function will provide all the required information?

- A. The WRKSYSVAL command for the type of *PERF and specifying *PRINT for output.
- B. The system values performance category in IBM Systems Director Navigator for i.
- C. The performance task under IBM i Management in IBM Systems Director Navigator for i.
- D. The system values category under Management Central endpoint systems inventory collection.

Answer: B

Question: 24

Programmers are having issues with the RPG compiler, and it has been determined that a fix must be ordered. Which type of PTF is most appropriate?

- A. Fix groups
- B. Service packs
- C. Individual fixes
- D. Cumulative PTF packages

Answer: C

Question: 25

A user has forgotten their password and asked the administrator to reset it. Company security policy requires passwords to be known only to the user. The administrator used System i Navigator to access the Igor user profile. After checking "User must change password at next sign-on", what must the administrator do to reset the password?



- A. Type a new password in the password box.
- B. Select "Personal" and click "Reset user password."
- C. Select "Capabilities" and click "Reset to Previous Password."
- D. Drop down the password list, and select "Reset password to default."

Answer: A

Question: 26

Why is Network Address Translation (NAT) a benefit to corporations?

- A. It converts MAC addresses to IP addresses.
- B. It allows corporations to hide private addresses from the public.
- C. It links specific portions of an internal network with corporate cost centers.
- D. It enables protocol conversion between network entities such as SANs and application servers.

Answer: B

Question: 27

What command is used to save IFS objects?

- A. SAV
- B. SAVLIB
- C. SAVOBJ
- D. SAVDLO

Answer: A

Question: 28

An administrator plans to use a single LPAR and Management Central to manage PTFs for other systems in the enterprise. What is the most important consideration when deciding the baseline?

- A. All systems are the same OS level.
- B. All systems are at the same PTFGRP level.
- C. All systems are at the same test fix level.
- D. All systems are at the same Cumulative level.

Answer: A

Question: 29

An administrator needs to set the compare value on a job to cause the subsystem to run the job with a specific class. Which parameter should the administrator use?

- A. RUNPTY
- B. JOBPTY
- C. RTGDTA
- D. INLRTGGRP

Answer: C

Question: 30

User HOK tries to login and received the message "User profile cannot sign on." What is the most likely cause for the error?

- A. The user's profile has been deleted.
- B. The user's profile has been disabled.
- C. The QMAXSIGN system value is set to 1.
- D. The QMAXSGNACN system value is set to 1.

Answer: B

Question: 31

Which command will always find the IBM QCMD program?

- A. WRKOBJ OBJ (*LIBL/QCMD) OBJTYPE(*PGM)
- B. WRKOBJ OBJ (*CURLIB/QCMD) OBJTYPE(*PGM)
- C. WRKOBJ OBJCALLUSR/QCMD) OBJTYPE(*PGM)
- D. WRKOBJ OBJ(*USRLIBL/QCMD) OBJTYPE(*PGM)

Answer: A

Question: 32

What are the correct data types for a CL variable?

- A. A pointer value
- An integer value
- A cursor value
- A floating point value
- B. A logical value
- A pointer value
- An integer value
- A packed decimal value
- C. An integer value

- A logical value
- A floating point value
- An unsigned integer value
- D. A decimal value
- A stacked pointer
- A logical value
- A variable length character string

Answer: B

Question: 33

An administrator needs to inform users that the system is about to be powered down, and ask if any user needs an additional 15 minutes to complete work in progress. The administrator entered "GO MANAGESYS" and selected Option 12-Work with Signed-On Users, but does not see the option to send a message to all signed on users. Why is the administrator unable to send the message to the users?

- A. The administrator is not signed on to the console.
- B. The administrator needs to press F24 to show more options.
- C. The administrator does not have *IOSYSCFG special authority.
- D. The administrator is using the intermediate assistance level.

Answer: D

Question: 34

What is a limitation of the IFS portion of a tape image catalog?

- A. Images cannot be journaled.
- B. Virus scan processing is blocked.
- C. Images can grow to a maximum of 64GB.
- D. Each catalog can have only 256 volumes added.

Answer: D

Question: 35

IBM i provides the capability to use digital certificates to sign objects. What objects, other than Programs (*PGM), Service programs (*SRVPGM) and Modules (*MODULE) may be signed?

- A. Libraries (*LIB)
SQL Packages (*SQLPKG)
- B. Query definitions (*QRYDFN)
Journals (*JRN)
- C. Populated save files (TILE SAVF)
Commands (*CMD)
- D. Message queues (*MSGQ)
Populated data Queues (*DTAQ)
- E. Physical files (*FILE PF-DTA)
User Profiles (*USRPRF)

Answer: C

Question: 36

A printer has jammed while in the middle of printing a large file. After clearing the jam, what is the next step or steps?

- A. Restart the writer, specifying the starting page number.
- B. Hold the spooled file on the output queue. Release the spooled file.
- C. Hold the writer.
Clear the printer buffer by turning the printer off and then on.
Release the writer.
- D. Hold the spooled file.
Clear the printer buffer by turning the printer off and then on.
Restart the writer, specifying the starting page number.

Answer: A

Question: 37

How does the "Save While Active" function work?

- A. A checkpoint image of the object is made and saved to media.
- B. It saves the entire object and uses the journal to reconstruct it at restore time.
- C. It uses journaling to cache read and write requests for the saved object from other jobs.
- D. An exit point program is used to manage temporary locks on the object by the save operation and any requesting jobs.

Answer: A

Question: 38

An administrator needs to authorize an operator to SST so the operator can perform required job functions. What is needed to authorize the new operator to sign on to SST?

- A. Create a user profile in SST/DST for the new operator.
- B. Add 'SERVICE and *IOSYSCFG special authorities to the operator's user profile.
- C. Grant the IBM i user profile access rights to SST by using QSECOFR in DST after an IPL.
- D. Add the new operator to the QIWSADM iSeries Access Administrators authorization list and grant SST/DST privileges.

Answer: A

Question: 39

The number of jobs in a job queue is increasing. Jobs are running in the subsystem. What is a potential cause of this increase?

- A. The active jobs in the subsystem are in *BCHHLD status.
- B. The job queue has too low a sequence number in the subsystem.
- C. The subsystem is set up to only run prestart and auto start jobs.
- D. The maximum number of concurrent jobs for the subsystem has been reached.

Answer: D

Question: 40

After restoring a file to LIBA schema, the administrator wants to display the contents of file using System i Navigator. After opening System i Navigator the administrator cannot see the LIBA schema. What will add the schema to the list of schemes?



- A. Right-Click Databases and choose "Select Default Schemas."
- B. Right-Click Schemas and choose "Select Schemas to Display."
- C. Right-Click Database Maintenance and choose "Add Default Schemas."
- D. Right-Click the name assigned to the relational DB (S101ff5c) and choose "Add Schemas to List."

Answer: B

Question: 41

An administrator creates a new user profile and assigns that new profile to two groups, GROUP1 and GROUP2. GROUP1 has update authority for APP1 application. GROUP2 has only read authority to APP2 application. The new user is able to access APP1 and APP2 as expected. A month later the administrator needs to stop the user from updating APP1 and

assigns the user to GROUP3, which only has read authority to APP1. However, the user can still update APP1. What is the most likely cause of this problem?

- A. The administrator did not remove GROUP1 from the user profile.
- B. The system was not restarted to make the group profile changes effective.
- C. GROUP3 was not first in the list of group profiles to restrict update to APP1.
- D. The administrator did not remove all of the Individual Authorities from the GROUP1 profile for that user.

Answer: A