

The best learning assistants

Exam : **IBM 000-233**

Title : aix installation,backup and system rec0ver

Update : Demo



1. Which of the following statements is most correct about mirroring?

- A. Mirroring, with the write-verify option turned on, can be used to increase performance.
- B. Mirroring is a better choice than disk-striping, for large sequential-access file systems when one is looking for performance.
- C. Mirroring, with a parallel-scheduling policy, may improve I/O read-operation performance.
- D. Mirroring, with maximum inter-disk allocation policy, is used to enhance availability.

Correct: C

2. CDE is working. However, the customized PATH environment has not been implemented. Which of the following procedures should be performed to activate the implementation?

- A. Update the .kshrc file
- B. Edit \$HOME/.dtprofile, and uncomment the DTSOURCEPROFILE=true
- C. Copy /etc/.profile to \$HOME/.dtprofile and edit the file as needed
- D. Double click on the System Administration icon and select CDE profile

Correct: B

3. Which of the following is an optional NIM resource for a diskless client?

- A. root
- B. spot
- C. home
- D. paging

Correct: C

4. A system administrator has just applied an update to an AIX system to correct a problem. The APAR number is IX49035 and was shipped as part of the PTF number U437542. After applying the APAR fix, the administrator wants to ensure that the fix is applied before informing the system users of the corrected problem. Which of the following commands should the system administrator run to verify that the APAR fix has been applied to the system?

- A. `lspp -f IX49035`
- B. `lspp -fB U437542`
- C. `instfix -f IX49035`
- D. `instfix -ik IX49035`

Correct: D

5. A system administrator is in the process of performing a preservation installation. However, the machine keeps booting up in diagnostic mode. Which of the following is the most probable cause?

- A. The battery on the machine is bad.
- B. The root volume group is corrupted.
- C. The low-level debugger is not enabled.
- D. There is a problem with the CD-ROM.

Correct: D

6. During the boot process, which of the following files should be used to control system initialization and start daemons and subsystems?

- A. `/etc/inittab`
- B. `/etc/rc.boot`
- C. `/etc/services`
- D. `/etc/environment`

Correct:A

7.Which of the following is the smallest separately installable unit on an AIX system?

- A.File
- B.Fileset
- C.Bundle
- D.Licensed program product

Correct:B

8.During an AIX installation, which of the following actions will occur once the Complete Overwrite option is selected?

- A.All new disks in the system will be formatted
- B.Only the contents of the root volume group destination disks will be destroyed
- C.All file systems, including /(root), /tmp, /usr, and /var, but no user data in the root volume group, will be destroyed
- D.The contents of all disks on the system, even if they are not shown as the destination root volume group disks, will be destroyed

Correct:B

9.A software update was installed using the Apply option, however the update is no longer required. Which of the following procedures should be performed to remove the update?

- A.Use the Reject option
- B.Delete the update from the /usr/lpp directories
- C.Use the Force Overwrite option to re-install the earlier version
- D.Commit the update and then remove the updated product filesets using SMIT

Correct:A

10.All of the following are attributes that can be specified when creating a logical volume EXCEPT:

- A.Number of logical partitions
- B.Disk where logical volume will reside
- C.Size of the logical volume control block
- D.Position of the logical volume on the disk

Correct:C

11.A system administrator has an existing NIM environment with a master and four clients all on an Ethernet network. The administrator adds three servers to the NIM environment that are on token ring networks. What does the administrator have to do to support network booting of the new machines?

- A.nim -o check <spot>
- B.nim -o lppchk <spot>
- C.nim -o refresh <spot>
- D.nim -F -o check <spot>

Correct:D

12.Users are complaining of slow performance. The iostat command indicates hdiskxx is extremely busy. There is no activity on any other hdisks in the same volume group. Which of the following is the best action to take?

- A.Change intra policy to outer
- B.Change intra policy to center

- C. Change inter policy to maximum
- D. Increase the physical partition size

Correct: C

13. All of the following statements accurately describe processes for administering file systems EXCEPT:

- A. A logical volume must exist prior to running the crfs command to create a file system
- B. A file system must be unmounted before it can be removed
- C. Defining a file system imposes a structure on a logical volume
- D. Removing a file system using rmfs automatically removes the underlying logical volume

Correct: A

14. A basic TCP/IP configuration on the system has just been completed. A remote system can be pinged by IP address but not by hostname. Which of the following actions should be performed next in an effort to successfully ping using the hostname?

- A. Check routing
- B. Check inetd.conf
- C. Check /etc/resolv.conf
- D. Check interface with ifconfig

Correct: C

15. A system administrator has added a new graphics card to the system and rebooted. The system pauses with C31 in the three-digit display. Which of the following causes could be the reason for the hang?

- A. All filesets for CDE have not been loaded. Boot into maintenance mode and load them through SMIT.
- B. There is a missing device driver, incorrect console configuration, or a serial device plugged into native S1 port.
- C. The new graphics adapter card is marked defined, not available. Run smit cfgmgr (Install/Configure Devices Added After IPL with the INPUT device / directory for software set to none). This will reconfigure all devices by walking the bus.
- D. The LED C31 means that there is a corrupted /dev/hd5. Boot into maintenance mode, fsck /dev/hd5 and then issue the bosboot command.

Correct: B

16. A company has a remote data center with servers connected to a local datacenter through a high-speed network. Which of the following methods is the most convenient to use to install and upgrade the servers in the remote center using locally managed install images?

- A. NIM
- B. HAGEO/HACMP
- C. NFS
- D. ftp, rsh and rexec

Correct: A

17. Which of the following procedures correctly lists the prerequisite software that requires installation with an AIX licensed program product?

- A. Use the lppdiff command to list the contents
- B. Use the installp -Q command to list the contents
- C. Choose the SMIT option to Preview Install Only

D. Choose the SMIT option to list dependents of a software product

Correct:C

18.If an install of the latest NFS fixes failed, which of the following options provide debug output before running installp?

A. export INST_DEBUG=YES

B. nim -to check -a debug = yes <client>

C. type 911 at "Welcome to BOS install" menu

D. modify bosinst.data file and set the BOSINST_DEBUG = yes

Correct:A

19.All of the following logical volumes are associated with a standard AIX journaled file system (JFS) EXCEPT:

A. /dev/hd2

B. /dev/hd4

C. /dev/hd6

D. /dev/hd9var

Correct:C

20.A base operating system has just been installed, successfully rebooted, and the user is now logged in as root. The user wants the server software bundle installed, but has additional software that must be installed with the bundle. Which of the following procedures should be performed to complete the installation?

A. Add the software to /usr/sys/inst.images

B. Update the bundle file in /usr/sys/inst.images

C. Install the bundle filelists and run update all

D. Add the software to the bundle file in /usr/sys/inst.data/sys_bundles

Correct:D

21.After updating the system, the system administrator runs the lppchk -v command. During this process, the bos.rte.libc is in a broken state. Which of the following procedures should be performed to fix this problem?

A. Reinstall the system

B. Use installp -r to reject the broken fileset

C. Use installp -acgFXd to reinstall the fileset at the same level

D. Use install -u to remove this broken fileset and reinstall it again

Correct:C

22.Which of the following attributes should be specified when creating a volume group?

A. stripe size

B. allocation policy

C. physical partition size

D. number of logical partitions

Correct:C

23.New AIX systems arrive without a CDROM drive. All systems do not have the same hardware configuration. Which of the following options is the most appropriate way to install AIX on the systems?

A. Install CDROM drives or tape drives on the systems because that is the only way to install AIX.

B. Install one system. Take a mksysb from the first system and restore the mksysb to the remaining systems.

C. Install one system. Mirror rootvg onto a disk from each of the remaining systems.

D. Setup a NIM master and resources.

Correct: D

24. A file on the system has been lost, but the latest version is on a mksysb tape. The file is extracted from this mksysb tape by loading the tape. Which of the following indicates where the tape will be skipped forward?

A. Third image, and restoring the file with the tar command

B. Third image, and restoring the file with the dd command

C. Fourth image, and restoring the file with the restore command

D. Fourth image followed by the tar command

Correct: C

25. Which of the following options will show all of the fixes installed on a system?

A. `lspp -L`

B. `smitty verify_install`

C. `installp -a -V`

D. `smit install_latest`

Correct: A

26. The following actions can be taken to remove a fileset EXCEPT:

A. Removing a fileset update leaving the base fileset

B. Removing a base fileset in the BROKEN state

C. Removing a base fileset in the COMMITTED state and all fileset updates in the APPLIED state

D. Removing a base fileset in the COMMITTED state and all fileset updates in the COMMITTED state

Correct: A

27. Which of the following commands should be run to verify that file system /data is not corrupted?

A. `fsck /data`

B. `fsck datavg`

C. `lqueryvg datavg`

D. `stat /data`

Correct: A

28. The system administrator has created a mksysb to attempt to clone to another system. Which of the following considerations is NOT true?

A. When using a mksysb to clone a system that has had device driver updates applied, the target system does not need to be updated with device driver Updates to match the source systems level, as the mksysb will have the needed drivers.

B. CHRP architecture systems cloned from non-CHRP architecture systems with Updates applied may fail to boot due to incompatibilities between the updated kernel in the mksysb image and the base level devices.chrp.base.rte fileset installed during the cloning process.

C. If the source and target system kernels are different (for example, rs6k and rspc), one MUST boot from CD-ROM installation media, at the same operating system level as the mksysb being restored.

D. The RECOVER_DEVICES option allows the choice to recover the customized ODM attributes from the mksysb (for example, network addressing, static routes, tty settings, and multi-port adapter cards). The

target devices must be in The same location as the source machine, or the install will fail and the devices will not be defined.

Correct:A

29.After a successful system recovery, it is determined that the C compiler is not required and should be removed. Which of the following commands will remove the fileset vac.C and all of its dependents?

- A.remove -u -g vac.C
- B.installp -u -g vac.C
- C.lslpp -l | grep vac.C
- D.installp -u -g -p vac.C

Correct:B

30.There is the possibility that hdisk1 in the root volume group is going bad. A decision has been made to replace the disk. After saving all of the data from the disk and unmounting any filesystems on the disk, which of the following commands should be run before removing the disk from the system?

- A.chvg -a n hdisk1 rootvg; rmdev -l hdisk1 -d
- B.rmdev -l hdisk1 d; reducevg -df rootvg hdisk1
- C.reducevg -df rootvg hdisk1; rmdev -l hdisk1 -d
- D.reducevg -df rootvg hdisk1; rmdev -l hdisk1

Correct:C

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