Vendor: Sun

Exam Code: 310-200

Exam Name: Sun Certified System Administrator for Solaris 10 OS. Part 1

Version: DEMO

QUESTION 1
A SPARC-based system has been rebooted, but no one can gain access to it. When investigating, the console shows this message:

```
Rebooting with command: boot
Boot device: /sbus@1f,0/SUNW,fas@e,8800000/sd@0,0  File and args:

SunOS Release 5.10 Version Generic 64-bit
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Cannot open '/etc/path_to_inst'
Program terminated
```

Which action can you take to get the system working again?

A. boot -s
B. boot -rs
C. boot -ars
D. boot /etc/path_to_inst

Answer: C

QUESTION 2
Every user's home directory is located in the /export/home file system as
/export/home/<username>. The output from df -h shows the user's home file system filling up:

```
Filesystem          size   used   avail  capacity Mounted on
/dev/dsk/c0t0d0s5   7.9G   7.5G   0.4G    95%     /export/home
```

Which command would display disk usage by user?

A. du -h /export/home
B. df -k /export/home/*
C. ls -lR /export/home
D. du -sh /export/home/*

Answer: D

QUESTION 3
A user is trying to insert a CD-ROM on their system to access data sent by a customer, but the CD-ROM is failing to mount automatically. Which two commands do you need to perform to ensure the correct process is running and then restart it if required? (Choose two.)

A. mount cd
B. mount cdrom
C. svcs -p | grep vold
D. svcs -p | grep volmgt
E. /etc/init.d/vold start
F. /etc/init.d/volmgt start

Answer: CF

QUESTION 4
A system will not boot after modification to a critical file on the root file system on
/dev/dsk/c0t0d0s0. The system has been booted to the appropriate level to allow access to the
disk where the root file system is located and to set the terminal type. Which two commands
should you run to make the file system available for edit? (Choose two.)

A. fsck /dev/rdsk/c0t0d0s0
B. mount /dev/dsk/c0t0d0s0 /
C. mount /dev/dsk/c0t0d0s0 /a
D. fsck /devices/rdsk/c0t0d0s0

Answer: AC

QUESTION 5
The / file system of one of your CAD users keeps filling up when printing. After investigation, you
discover the 36 gigabtye disk is partitioned as follows:

/ 15 Gigabyte swap 1 Gigabyte /export/home 20 Gigabyte

```
/ 15 Gigabyte
swap 1 Gigabyte
/export/home 20 Gigabyte
```

Which action would you take to prevent the / file system from filling up?

A. Increase the space available to swap.
B. Reconfigure the system so /usr is a separate file system.
C. Reconfigure the system so /opt is a separate file system.
D. Reconfigure the system so /var is a separate file system.

Answer: D

QUESTION 6
You are installing a software application onto your server. The software installation notes specify
that the Solaris 10 OS must have patch 104945-02 applied. You have downloaded the patch into
your /home directory and the ls command lists it as follows: 104945-02.zip You are ready to install
the patches. Which answer describes the correct procedure for installing the patch?

A. cp the patch to /var/tmp cd /var/tmp patchadd -p 104945-02
B. /usr/bin/unzip ~/104945-02.zip patchadd 104945-02.zip
C. /usr/bin/unzip ~/104945-02.zip cp the patch to /var/tmp cd /var/tmp;patchadd 104945-02
D. cp the patch to /var/tmp; cd /var/tmp /usr/bin/unzip 104945-02.zippatchadd 104945-02

Answer: D

QUESTION 7
Click the Task button.

Place the file system type on the appropriate file system name.

File System Type

Note: Use options as many times as necessary.

Distributed

Disk-based

Pseudo

Done

File System Name

procfs

udfs

nfs

hsfs

tmpfs

ctfs

ufs

swapfs

pcfs

Answer:

Place the file system type on the appropriate file system name.

File System Type

Note: Use options as many times as necessary.

Distributed

Disk-based

Pseudo

Done

File System Name

Disk-based

Disk-based

Distributed

Disk-based

Pseudo

Disk-based

Pseudo

Pseudo

Pseudo

QUESTION 8
Your company has hired a new Java technology programmer, and the IT manager wants you to create a user account, user5, on the development server for this new employee. Account creation must abide by the following departmental rules:

1) The user's home directory will be /export/home/"username".
2) Java programmers use the Korn login shell.
3) The user's home directory must be created at the time the account is created.
4) Java programmers use `javap` as their primary group.
5) Java programmers use `javad` as their secondary group.

Which two command-line entries will create this new account? (Choose two.)

A. useradd -d /export/home/user5 -m -g javap -G javad -s /bin/ksh user5
B. useradd -d /export/home/user5 -m -s /bin/ksh -g javap -G javad user5
C. useradd -d /export/home/user5 -m -s /bin/ksh -g javad -G javap user5
D. useradd -m -d /export/home/user5 -s /bin/ksh -g javad -G javap user5
E. useradd -d /export/home/user5 -m -s /sbin/ksh -g javap -G javad user5

Answer: AB

QUESTION 9
The second field in the /etc/group file is used to store the encoded group password. It has been
decided that passwords will be placed on certain group entries in this file. What is the result?

A. Access to each group is granted only to users in the group.
B. Users who are secondary members of the group are required to use the group password to gain access
   to the group.
C. Users who are NOT members of the group can access it if they know the password.
D. Users who are primary members of the group are required to use the group password to gain access to
   the group.

Answer: C

QUESTION 10
You want to backup an active ZFS file system named dbase. When listing the information on the
file system, the following information is displayed:

```
NAME          USED      AVAIL       REFER MOUNTPOINT
data/dbase    24.5K     72.8G       24.5K /data/dbase
```

Rather than unmount the file system and make it unavailable during the backup, you want to
create a point in time snapshot of the file system and backup that snapshot. Which command is
used to create a point in time snapshot of the dbase file system?

A. zfs clone data/dbase data/sdbase/dbase_snapshot
B. zfs snapshot files/data data_snapshot
C. fssnap -F ufs -o bs=/var/tmp /data/dbase /dev/fssnap/0
D. zfs snapshot data/dbase@ dbase_snapshot

Answer: D