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QUESTION 1

Solaris 11 includes a redesigned software packaging model: the Image Packaging System.

Which three describe advantages of the Image Packaging System over the previous Solaris 10 SVR4 packaging model? (Choose three.)

- A. eliminates patching of the software package
- B. makes the patching process more efficient with less downtime
- C. eliminates OS version upgrade
- D. allows for the installation of the OS without a local DVD or installation server
- E. allows the use of a repository mirror to speed up package operation
- F. allows users to publish their own software package in a software repository

Correct Answer: AEF

QUESTION 2

View the Exhibit and review the zpool and ZFS configuration information from your system.



```

pool: pool1
state: ONLINE
scan: none requested
config:

    NAME                STATE                READ WRITE CKSUM
    pool1                ONLINE              0     0     0
      mirror-0          ONLINE              0     0     0
        c4t0d0          ONLINE              -     -     -
        c4t1d0          ONLINE              -     -     -
      mirror-1          ONLINE              0     0     0
        c4t2d0          ONLINE              -     -     -
        c4t3d0          ONLINE              -     -     -

errors: No known data errors

pool: rpool
state: ONLINE
scan: none requested
config:

    NAME                STATE                READ WRITE CKSUM
    rpool                ONLINE              0     0     0
      c3t0d0s0          ONLINE              0     0     0

errors: No known data errors
NAME                USED    AVAIL    REFER    MOUNTPOINT
pool1                138K   7.81G   32K     /pool1
pool1/prod_data      31K    7.81G   31K     /prod_data
rpool                11.6G  4.04G   34.5K   /rpool
rpool/ROOT           9.94G  4.04G   31K     legacy
rpool/ROOT/solaris  9.94G  4.04G   9.70G   /
rpool/dump           630M   4.05G   611M   -
rpool/export        6.07M  4.04G   32K     /export
rpool/export/home   6.04M  4.04G   32K     /export/home

```

Identify the correct procedure for breaking the /prod_data mirror, removing c4t0d0 and c4t2d0, and making the data on c4t0d0 and c4t2d0 accessible under the dev_data mount point.

- A. `zpool split pool1 pool2 c4t0d0 c4t2d0 zpool import pool2 zfs set mountpoint = /dev_data pool2/prod_data`
- B. `zpool detach pool1 pool2 zpool attach pool2 zfs set mountpoint=/dev_data pool2/prod_data`
- C. `zpool split pool1/prod_data -n pool2/dev_data zfs set mountpoint = /dev_data pool2/prod_data`
- D. `zpool split pool1 pool2 c4t0d0 c4t2d0 zpool import pool2`

Correct Answer: D

Explanation: In this Solaris release, you can use the `zpool split` command to split a mirrored storage pool, which detaches a disk or disks in the original mirrored pool to create another identical pool. After the split operation, import the new pool.

Reference: Oracle Solaris ZFS Administration Guide, Creating a New Pool By Splitting a Mirrored ZFS Storage Pool



QUESTION 3

You are asked to troubleshoot networking issues on an unfamiliar system.

Select the correct command to display what network devices are installed.

- A. ifconfig -a
- B. dladm show-dev
- C. dladm show-phys
- D. dladm show-ether
- E. netadm show-dev
- F. netadm show-ether

Correct Answer: B

Explanation: dladm show-dev

Shows information for all devices or the specified device.

Reference: man dladm

QUESTION 4

You want the system to generate core files when an application crashes, but you want only root to be able to view the core files. The current core configuration is:

global core file pattern: /var/core/core %f.%p

global core file content: default

init core file pattern: /var/core/pprocess/core.%f.%pp

init core file content: default

global core dumps: enabled

per--process core dumps: enabled

global setid core dumps disabled

per-process setid core dumps: disabled

global core dump logging disabled

Select the option that describes the change that needs to be made to the core dump configuration to meet this requirement.

- A. coreadm --d process
- B. coreadm -i /var/core/core.%f %p



- C. coreadm--d global
- D. coreadm -d process -d global -e global-setid -e proc-setid
- E. Make this change to the /etc/coreadm.conf file: per-process core dumps: disabled

Correct Answer: A

QUESTION 5

New features were added to ZFS in Oracle Solaris 11. Your justification to upgrade from Solaris 10 to Oracle Solaris 11 is that it will be possible to take advantage of the enhancements that were made to ZFS.

Identify the three ZFS functions and features that are included in Oracle Solaris 11, but not in Solaris 10.

- A. Encrypted ZFS datasets
- B. Ability for ZFS to detect and remove redundant data from the tile system
- C. Shadow Data Migration
- D. Ability to split a mirrored ZFS storage pool
- E. Ability to use ZFS on the boot drive and boot to a ZFS root file system.
- F. elimination of the swap file system when using ZFS on the root disk

Correct Answer: ABE

Explanation: A: ZFS encryption was introduced in ZFS Pool Version Number 30, Solaris Nevada b149.

Filesystem encryption since Solaris 11 Express

B: Deduplication was introduced in ZFS Pool Version Number 21, Solaris Nevada b128.

E: Booting From a ZFS Root File System Both SPARC based and x86 based systems use the new style of booting with a boot archive, which is a file system image that contains the files required for booting. When a system is booted from a ZFS root file system, the path names of both the boot archive and the kernel file are resolved in the root file system that is selected for booting.

Reference: Oracle Solaris ZFS Administration Guide, Booting From a ZFS Root File System

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