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1Z0-822

Oracle Solaris 11 Advanced System
Administration Exam

DEMO

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QUESTION NO: 1

A recursive snapshot was taken of the root pool and the snapshot streams are stored on a remote system. The boot disk has failed, has been replaced, and the root pool snapshots have been restored. Which two steps are still required to make the system bootable?

- A. Re-create the swap and dump devices.
- B. Install the boot blocks on the new disk.
- C. Restore the snapshot stream.
- D. Set the bootfs property on the root pool.
- E. Perform a ZFS rollback to restore the file systems in the root pool.

Answer: C,E

Explanation:

QUESTION NO: 2

Review the following output from the zpool status command:

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

        NAME                STATE          READ  WRITE CKSUM
pool1   mirror-0                 ONLINE         0     0     0
        c3t3d0                ONLINE         0     0     0
        c3t4d0                ONLINE         0     0     0
        mirror-1              ONLINE         0     0     0
        c3t5d0                ONLINE         0     0     0
        c3t6d0                ONLINE         0     0     0

errors: No known data errors
```

Which three are true for pool1?

- A. If this mirror is split, the new pool will contain disks c3t5d0 and c3t6d0.
- B. If this mirror is split, by default the new pool will contain disks c3t3d0 and c3t5d0.
- C. Data is striped across mirror-0 and mirror-1.
- D. mirror-1 is a mirrored copy of data that is stored on mirror-0.
- E. Disk c3t3d0 is a mirrored copy of disk c3c4d0.
- F. If this mirror is split, pool1 will no longer be mirrored.

Answer: B,D,E

Explanation:

QUESTION NO: 3

The zfs holds command displays the following information:

```
NAME                                TAG                                TIMESTAMP
pool12/data@nov    keep                                Wed May 30 12:15:12 2012
```

Which two statements are true?

- A. Use `zfs destroy -d pool12/data@nov` to destroy the snapshot immediately.
- B. Attempts to destroy the snapshot using `zfs destroy pool12/data@nov` will fail.
- C. Attempts to destroy the `pool12/data@nov` snapshot will not destroy the snapshot immediately.
- D. The `zfs directory -R pool12/data` command will destroy the file system immediately.
- E. The `defer_destroy` property is set to on for the `pool12/data@nov` data set.
- F. The `userrefs` property is set to 1 (or higher) for the `pool12/data@nov` data set.

Answer: C,E

Explanation:

QUESTION NO: 4

Consider the following ZFS configuration:

```
NAME                                USED AVAIL REFER MOUNTPOINT
rpool/export                        436M 9.21G 284M /export
rpool/export/home                    152M 9.21G 35K /export/home
rpool/export/home/curly               35K 9.21G 35K /export/home/curly
```

You have created snapshots of the `home` directories which are as follows:

```
NAME                                USED AVAIL REFER MOUNTPOINT
rpool/export/home@11.28.12          0 - 32K -
rpool/export/home/curly@11.28.12    0 - 802K -
```

You have another storage pool named `bpool` on the same system. You use the following command to store the snapshots in this pool:

```
# zfs send rpool/export/home@11.28.12 | zfs recv -f bpool@11.28.12
```

What will be created in the pool bpool as a result of this operation?

bpool@12.25.11

- A. bpool/export/home/bpool/export/home/curly
- B. bpool/export/home/bpool/export/home/curlybpool/export/home@12.25.11
- C. bpool/export/home/bpool/export/home/curlybpool@12.25.11
- D. bpool/curlybpool/curly@12.25.11
- E. bpool/curly
- F. bpool/curly

Answer: A

Explanation:

QUESTION NO: 5

Consider the following commands on a newly installed system:

```
zfs set compression=on rpool
```

```
zfs get -H -0 source compression rpool
```

What is the output of the second command?

- A. default
- B. -
- C. local
- D. on

Answer: D

Reference: <http://docs.oracle.com/cd/E19082-01/817-2271/gazuk/> (querying ZFS properties for scripting)

QUESTION NO: 6

You want to create a ZFS file system with the following specifications:

- lzjb compression enabled