In-Chapter Exercises

W22.1 No answer required.

W22.2 /data/data20file

W22.3 /data/text1.txt

W22.4 The pathnames to the mirrored text files would be the same, /data2/textfilename! You can’t edit them separately. This is the salient difference between ZFS mirrored and traditional operating system mirrored disks. On a traditional system, for example, the text files would be mirrored on drives C: and D:, so you could designate different pathnames to the two mirrored files. Not so in ZFS.

W22.5 No, you can’t mix mirrored pairs with single disks.

W22.6 No, as can be seen by what disk usages show in the **zpool iostat -v** command in steps 21. and 22.. data2 is a pool with two mirrors.

W22.7 No answer required.

W22.8 **cd /sender/data/.zfs/snapshot/2**

W22.9 created: 09:58

W22.10 You have to make sure you use **truncate** in twice, to create two disk simulation files. One for the pool named source and one for the pool named target. The rest of the solution is exactly the same as the steps in Example W22.2. with pathnames adjusted appropriately.

W22.11 On your boot disk, the one that the system is installed on, you can create the file systems under /rpool ( or /tank for PC-BSD), which is already mounted. On the second disk, after you have found out the logical device name of the disk, you can create the target pool on it with **zpool create**. You can also create destination file system on that pool.

The rest of the solution is exactly the same as the steps in Example W22.2, but with pathnames adjusted for the fact that the pools are on different vdevs.

W22.12 No answer required.