Figure 9-37 shows creating a cache partition.
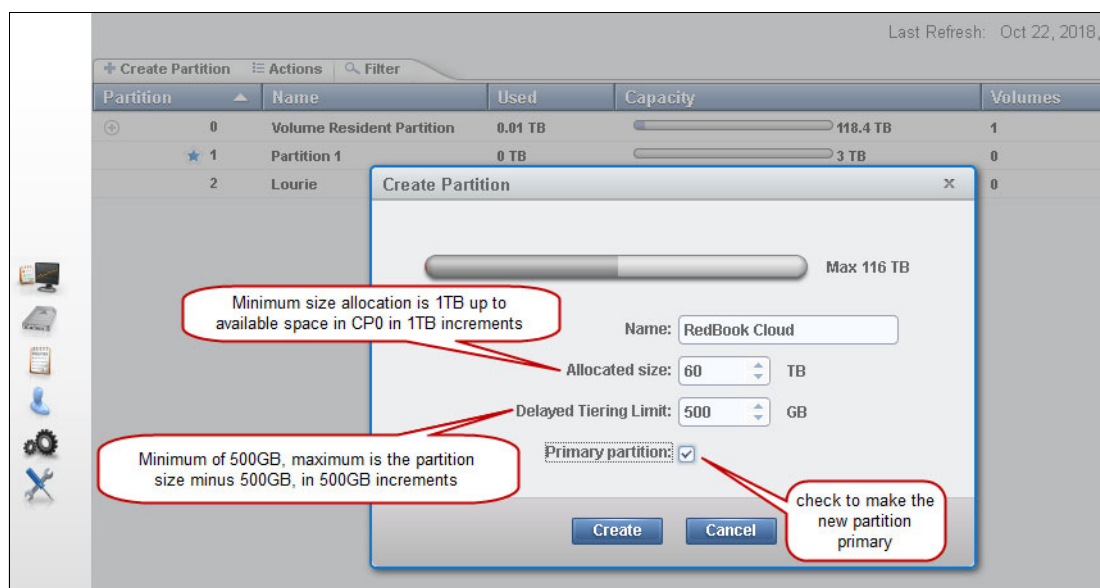

Figure 9-37   Creating a cache partition

Figure 9-38 shows an example of successful creation in the upper half. The lower half shows an example where the user failed to observe the amount of free space available in CP0.
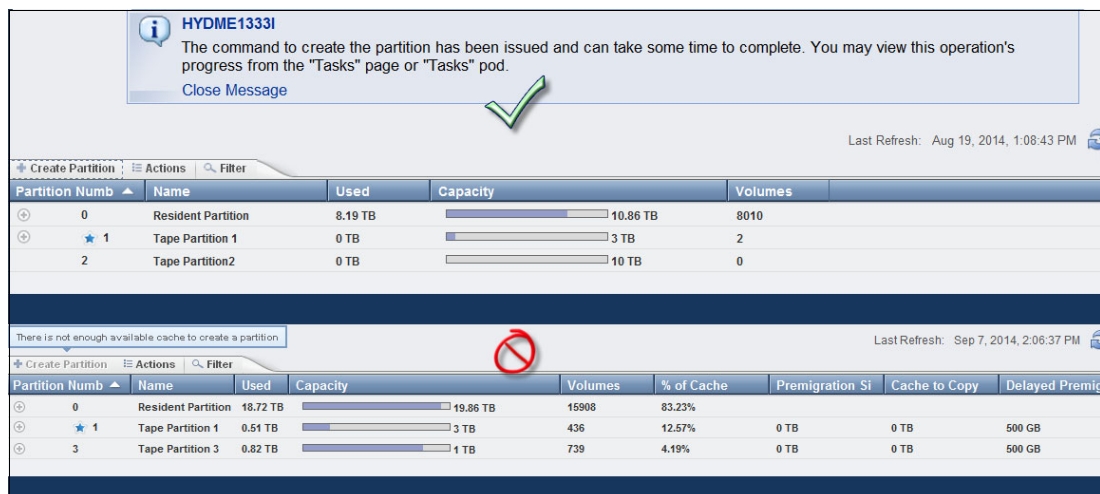

Figure 9-38   Example of a success and a failure to create a new partition

Notice that redefining the size of existing partitions in an operational TS7720T might create unexpected load peak in the overall premigration queue, which causes host write throttling to be applied to the partitions.

For example, consider the following example, where a tape attached partition is downsized, and become instantly overcommitted. In this example, the TS7720T premigration queue is flooded by volumes that got dislodged by the size of this cache partition becoming smaller. Partition readapts to the new size by migrating volumes in excess to physical tape.