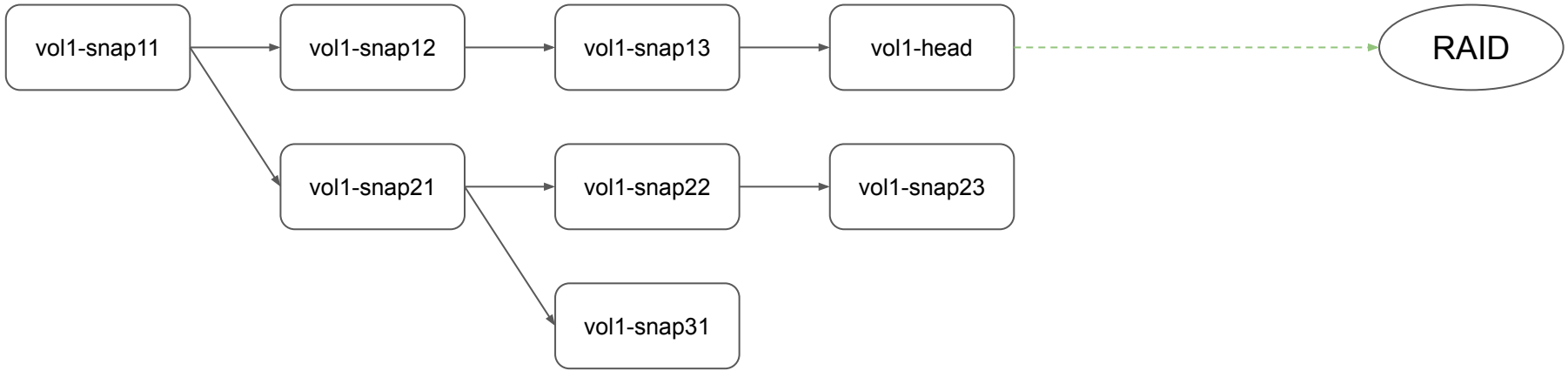
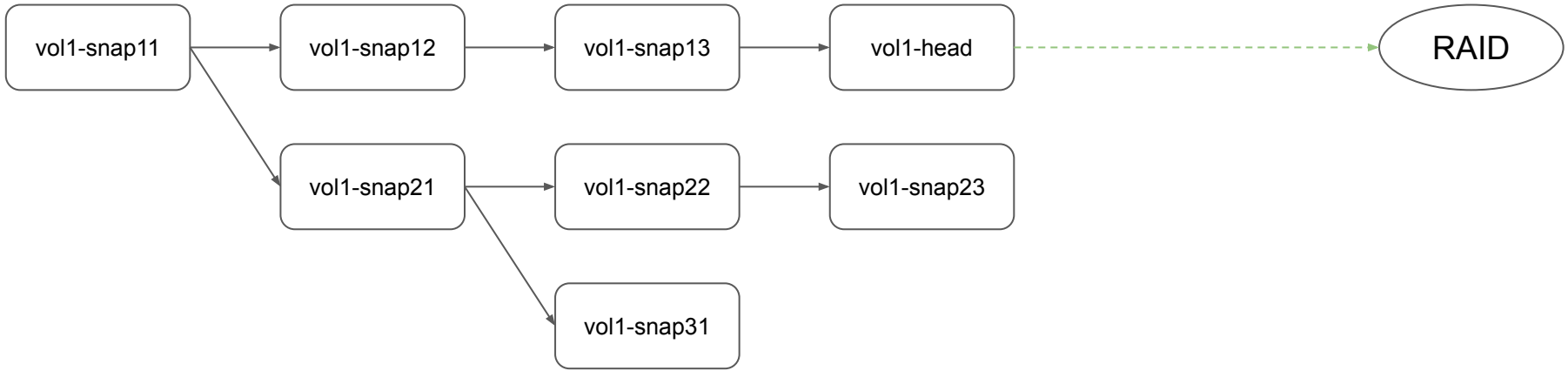
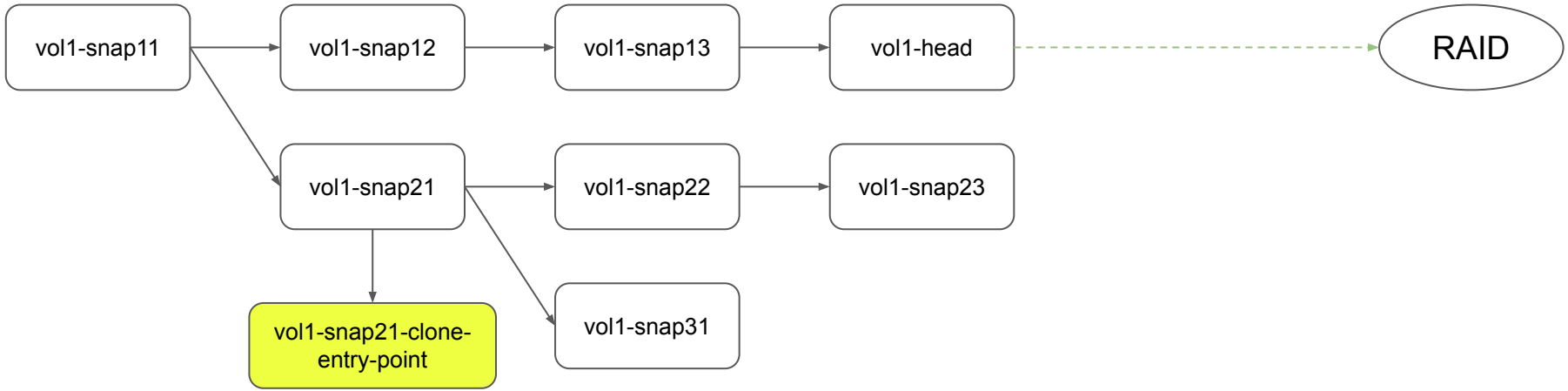
Start with the source volume vol1



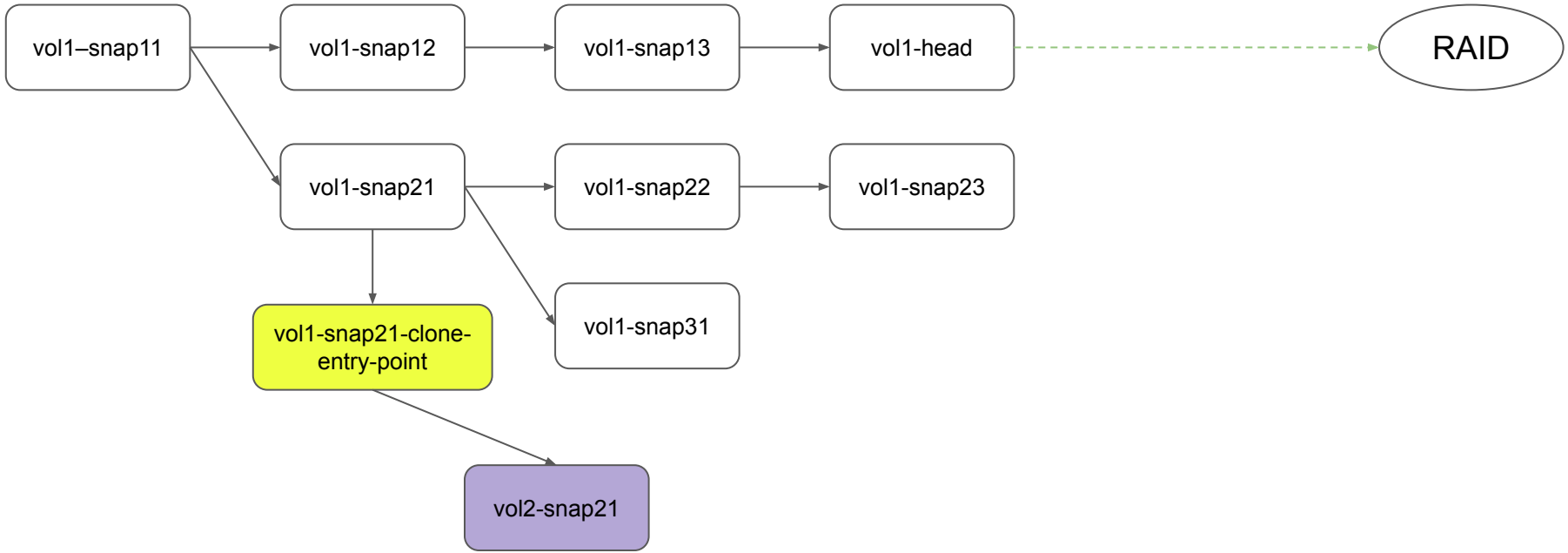
User create a new volume, vol2, which wants to clone the vol1-snap21



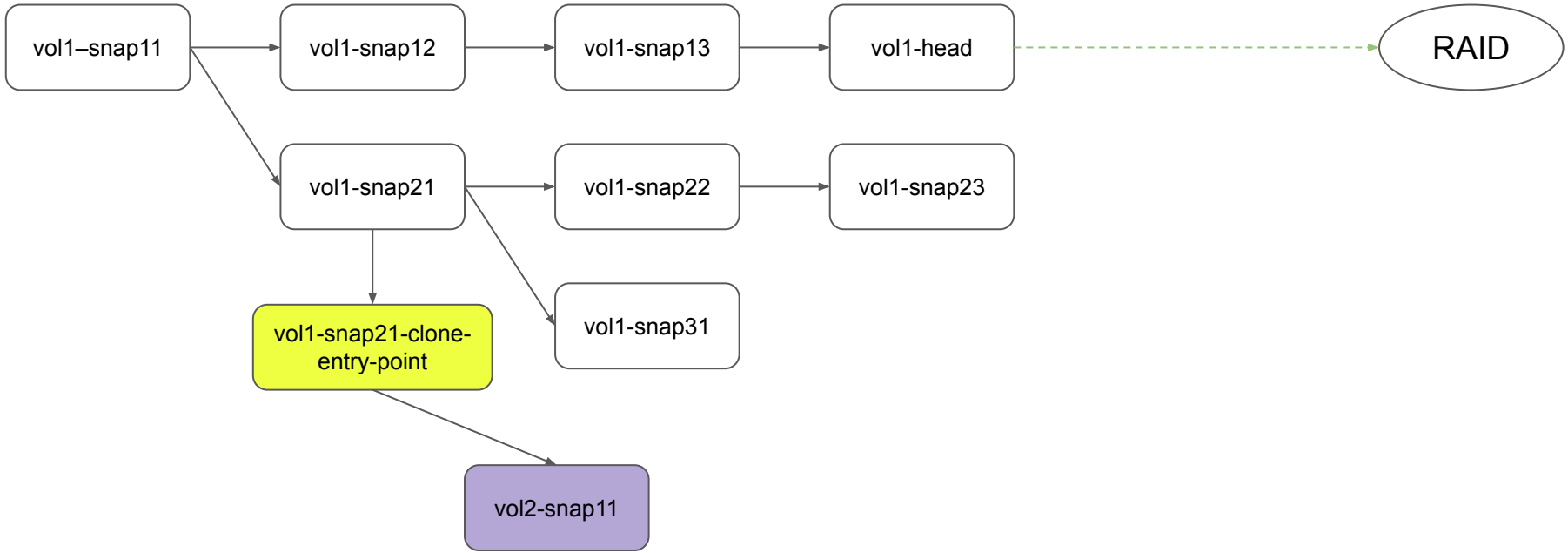
call SPDK API bdev_lvol_snapshot to create new snapshot
vol1-snap21-clone-entry-point from source snapshot vol1-snap21



call SPDK API bdev_lvol_clone to create new lvol vol2-snap11 as a clone of the snapshot `vol1-snap21-clone-entry-point`

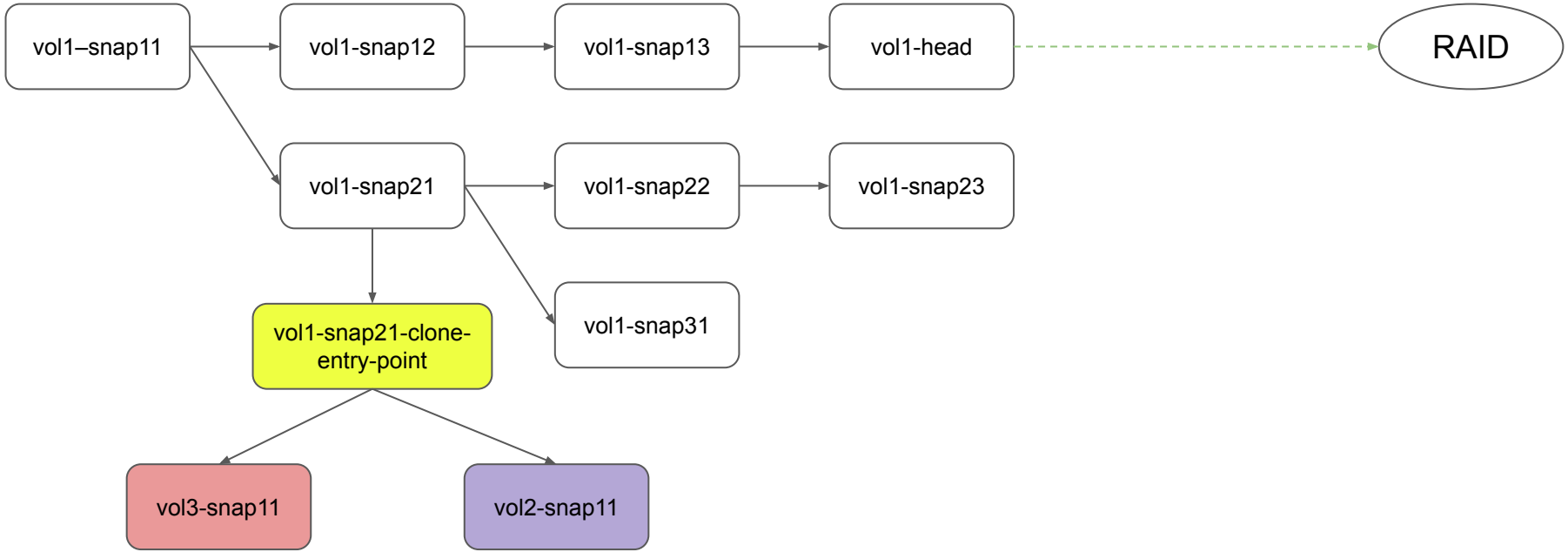


User create a new volume, vol3, which wants to clone the vol1-snap21



Skip SPDK API bdev_lvol_snapshot to create new snapshot vol1-snap21-clone-entry-point because it is already exist

call SPDK API bdev_lvol_clone to create new lvol vol3-snap11 as a clone of the snapshot `vol1-snap21-clone-entry-point`



At this point, user can independently delete any volume (vol1, vol2, vol3) without blocking each other.

The snapshot vol1-snap21-clone-entry-point will be deleted when the last child is deleted or decoupled