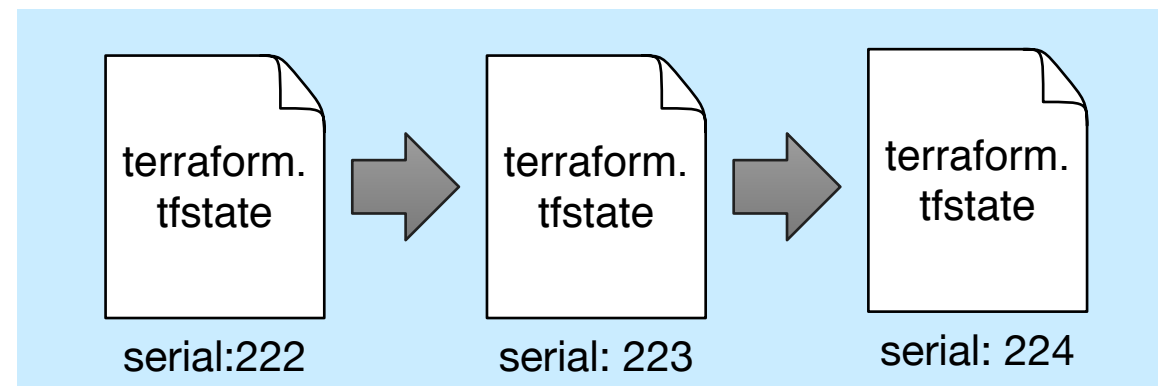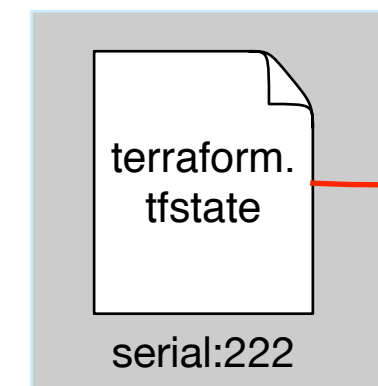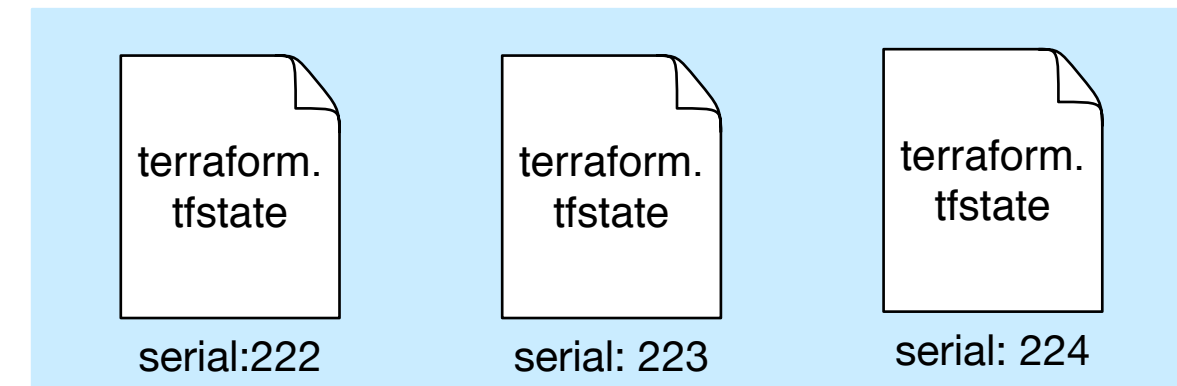state is copied creating a separate branch having the same lineage

modifications are made to original branch so now the copied state is out of sync

attempting to use lower serial state in a branch with a higher serial state will fail