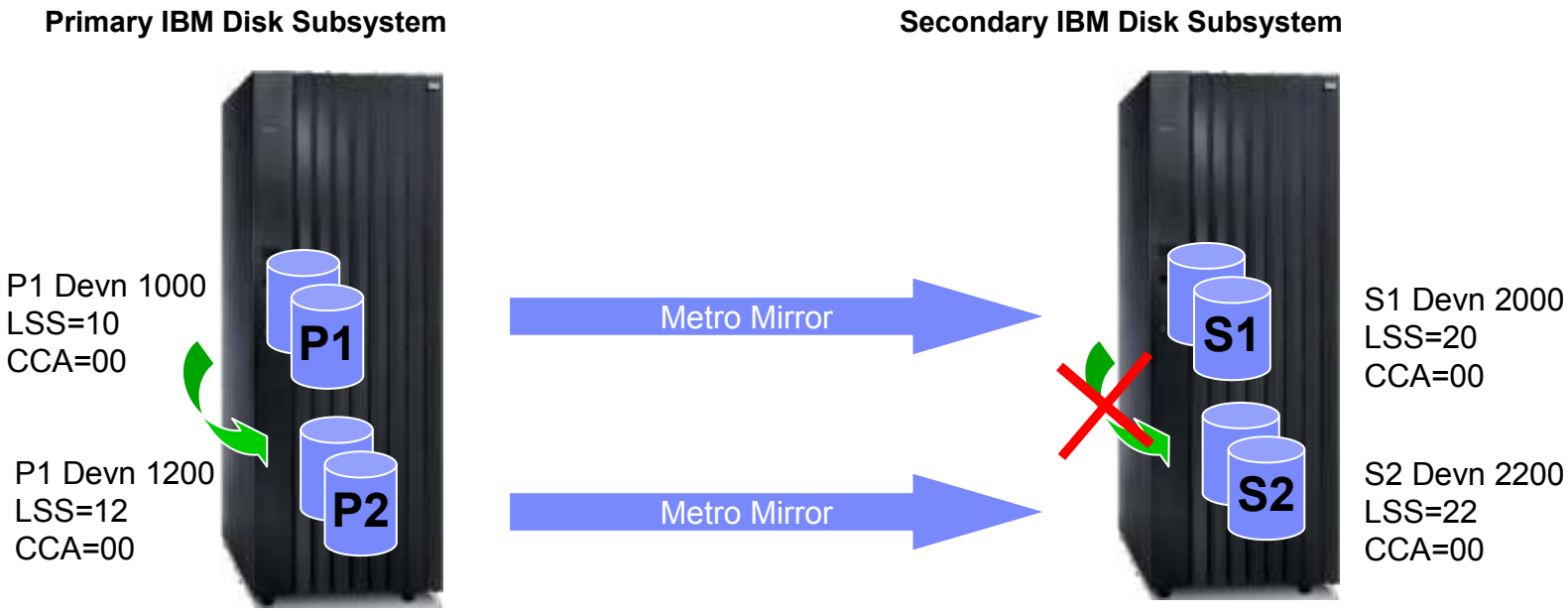
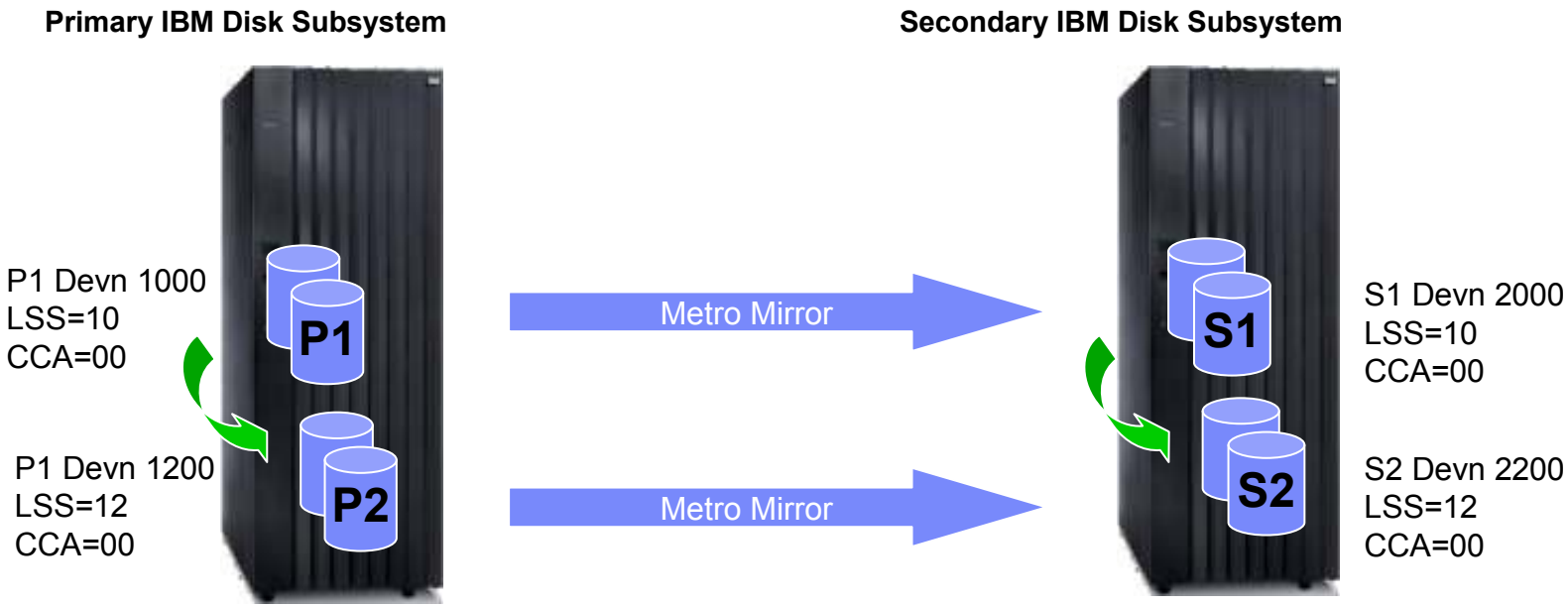
1) FlashCopy with all LSS different on source and target – no exposure



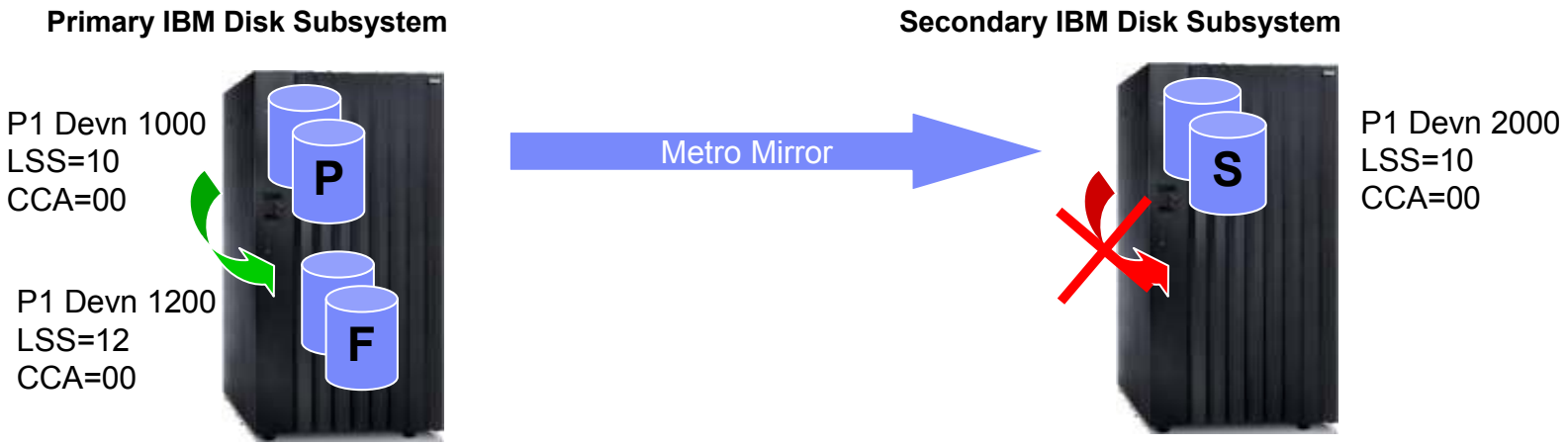
- The green arrows represent the FlashCopy operation that would result if the command is executed by the primary CU prior to HyperSwap
- If both source and target LSS and CCA are different after the HyperSwap a FlashCopy issued during the HyperSwap will fail as the LSS and CCA in the commands are different from that in the disk subsystem

2) FlashCopy with all LSS same on source and target – no exposure



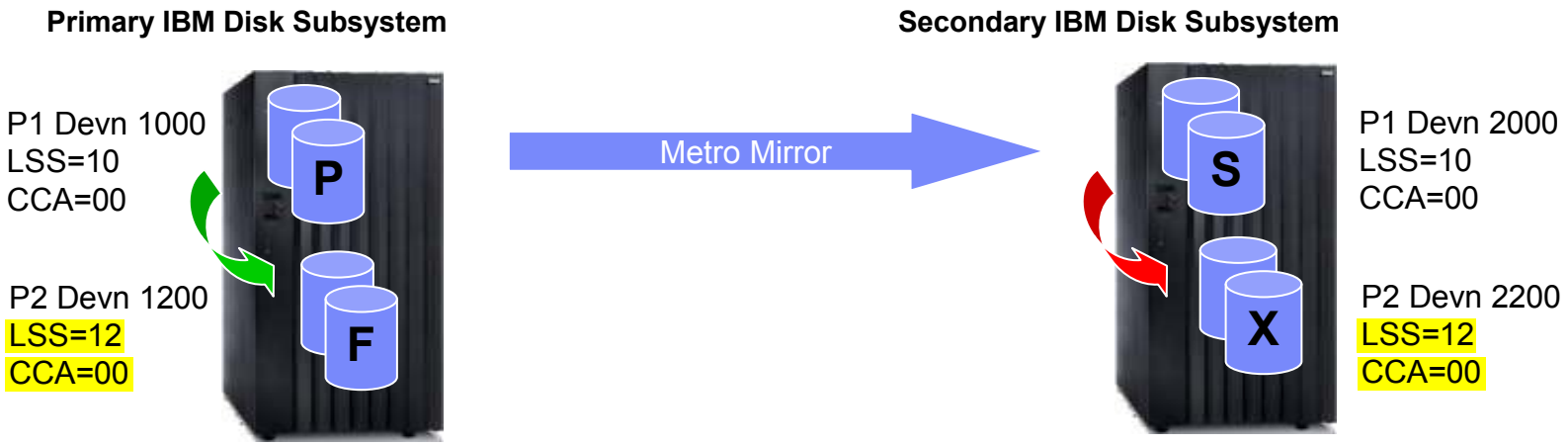
- The green arrows represent the FlashCopy operation that would result if the command is executed by the primary CU prior to HyperSwap
- If both source and target LSS and CCA are the same then a FlashCopy issued during the HyperSwap will be issued to and correctly executed on the target disk subsystem

3) FlashCopy to Outside of Replication Environment – no exposure



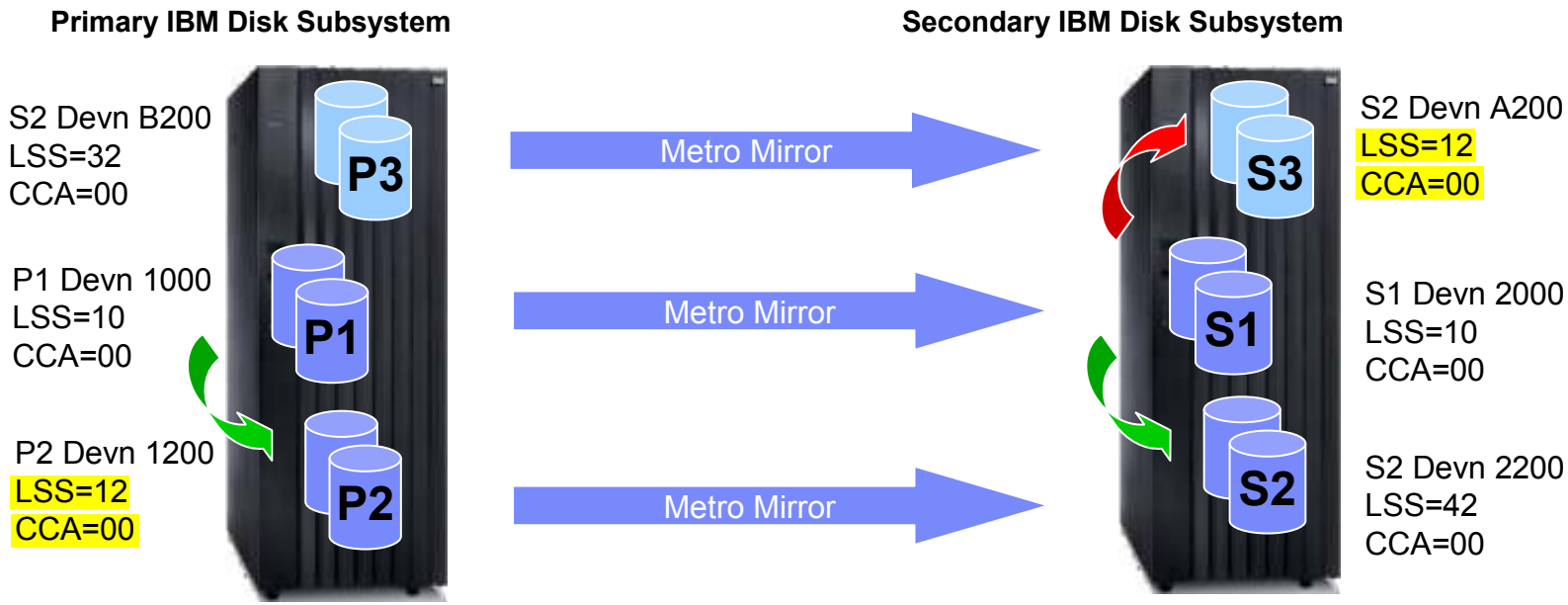
- The green arrow on the left represents the FlashCopy operation if it executes prior to HyperSwap
- The red arrow on the right represents the FlashCopy operation if it executes across a HyperSwap and then fails as there is no device with the target LSS configured in this disk subsystem

4) FlashCopy with all LSS same on source and target – potential exposure



- The green arrow on the left represents the FlashCopy operation if it executes prior to HyperSwap
- The red arrow on the right represents the FlashCopy operation if it executes during a HyperSwap
  - If Devn 2200 is meant to be a FlashCopy target volume then this is not an issue
  - If Devn 2200 contains production or other primary data then this will be overwritten

5) FlashCopy with some matching LSS and some different - exposure



- The green arrows represent the FlashCopy operation that would result if the command is executed prior to HyperSwap
- The red arrow represents what would happen if the execution of the command spans a HyperSwap, ultimately being performed by the secondary disk subsystem. The FlashCopy will be performed from S1 to S3 rather than as desired from S1 to S2.