Current

Shelf 1

controller A

controller B

volume A

volume B
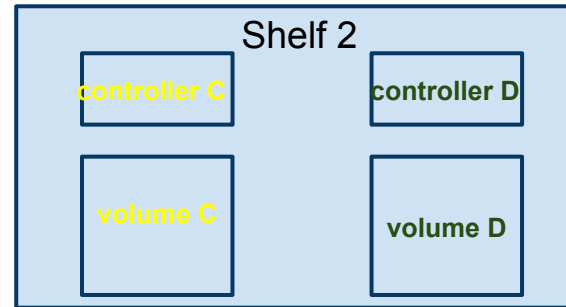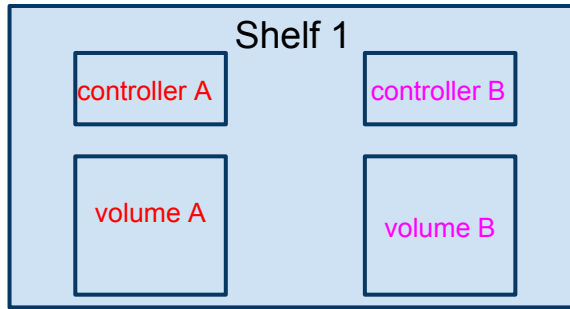
Shelf 2

controller C

controller D

volume C

volume D

Goal: Volume C must join Volume A in shelf 1, and Volume B must join Volume D in shelf 2

Migration Plan I

Shelf 1

controller A

controller B
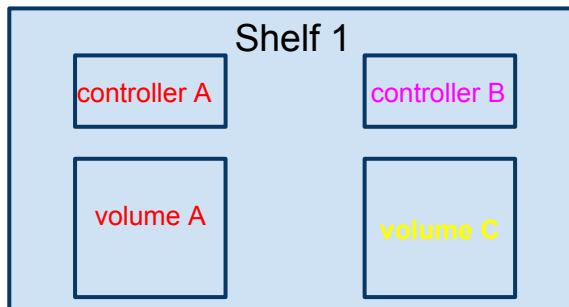
volume A

volume C

We know how to do this, but many steps and complex

Shelf 2

controller C

controller D
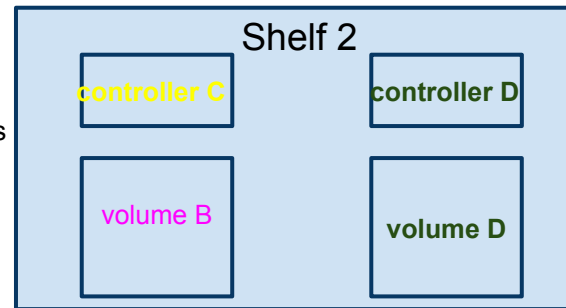
volume B

volume D

When we move the volumes, in either plan, it will be done by moving the physical disks

Migration Plan II

Shelf 1

controller A

controller C

volume A

volume C
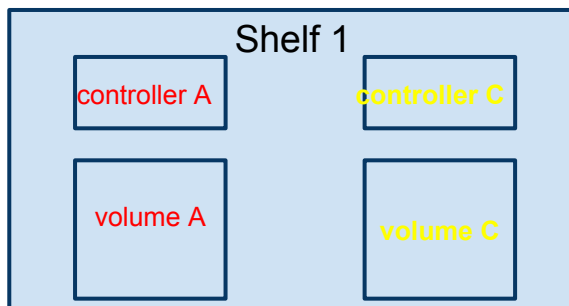
Can we do this?? That is our question

Shelf 2

controller B

controller D

volume B

volume D