

## A Example to show No migration sometimes is better than Optimal

### Epoch 0

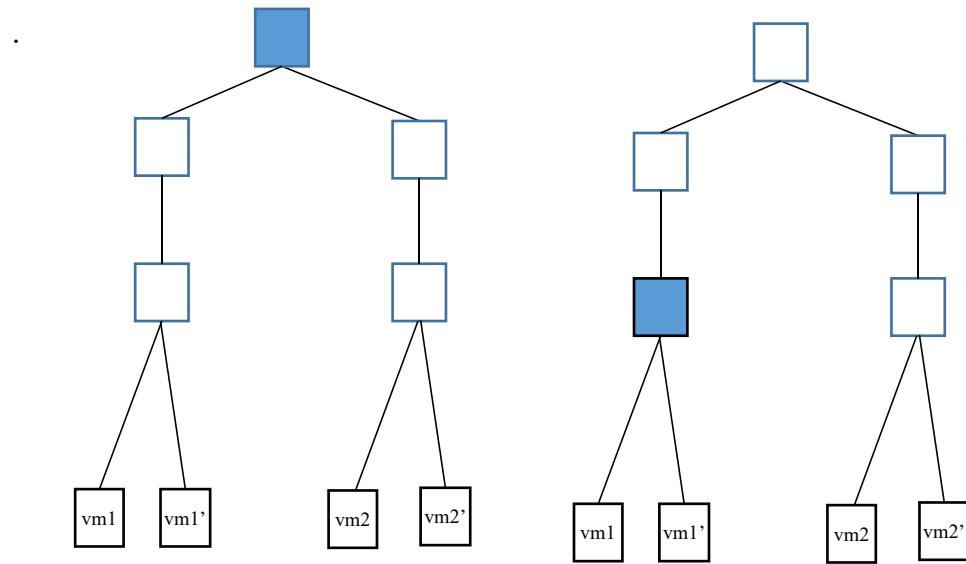
Traffic rate (vm1, vm1', 2), (vm2, vm2', 1) migrate coefficient = 1.5

No Migration

$$6 * 2 + 6 * 1 = 18$$

Optimal

$$2 * 2 + 10 * 1 + 1.5 * 2 = 17$$



### Epoch 1

Traffic rate (vm1, vm1', 1), (vm2, vm2', 2) migrate coefficient = 1.5

No Migration

$$6 * 1 + 6 * 2 = 18$$

Optimal

$$10 * 1 + 2 * 2 + 4 * 1.5 = 20$$

