Solution 1

```javascript
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// O(n) time | O(d) space - where n is the number of people
// in the org and d is the depth (height) of the org chart
function getLowestCommonManager(topManager, reportOne, reportTwo) {
  return getOrgInfo(topManager, reportOne, reportTwo).lowestCommonManager;
}

function getOrgInfo(manager, reportOne, reportTwo) {
  let numImportantReports = 0;
  for (const directReport of manager.directReports) {
    const orgInfo = getOrgInfo(directReport, reportOne, reportTwo);
    if (!!orgInfo.lowestCommonManager) return orgInfo;
    numImportantReports += orgInfo.numImportantReports;
  }
  if (manager === reportOne || manager === reportTwo) numImportantReports++;
  const lowestCommonManager = numImportantReports === 2 ? manager : null;
  return {lowestCommonManager, numImportantReports};
}

exports.getLowestCommonManager = getLowestCommonManager;
```