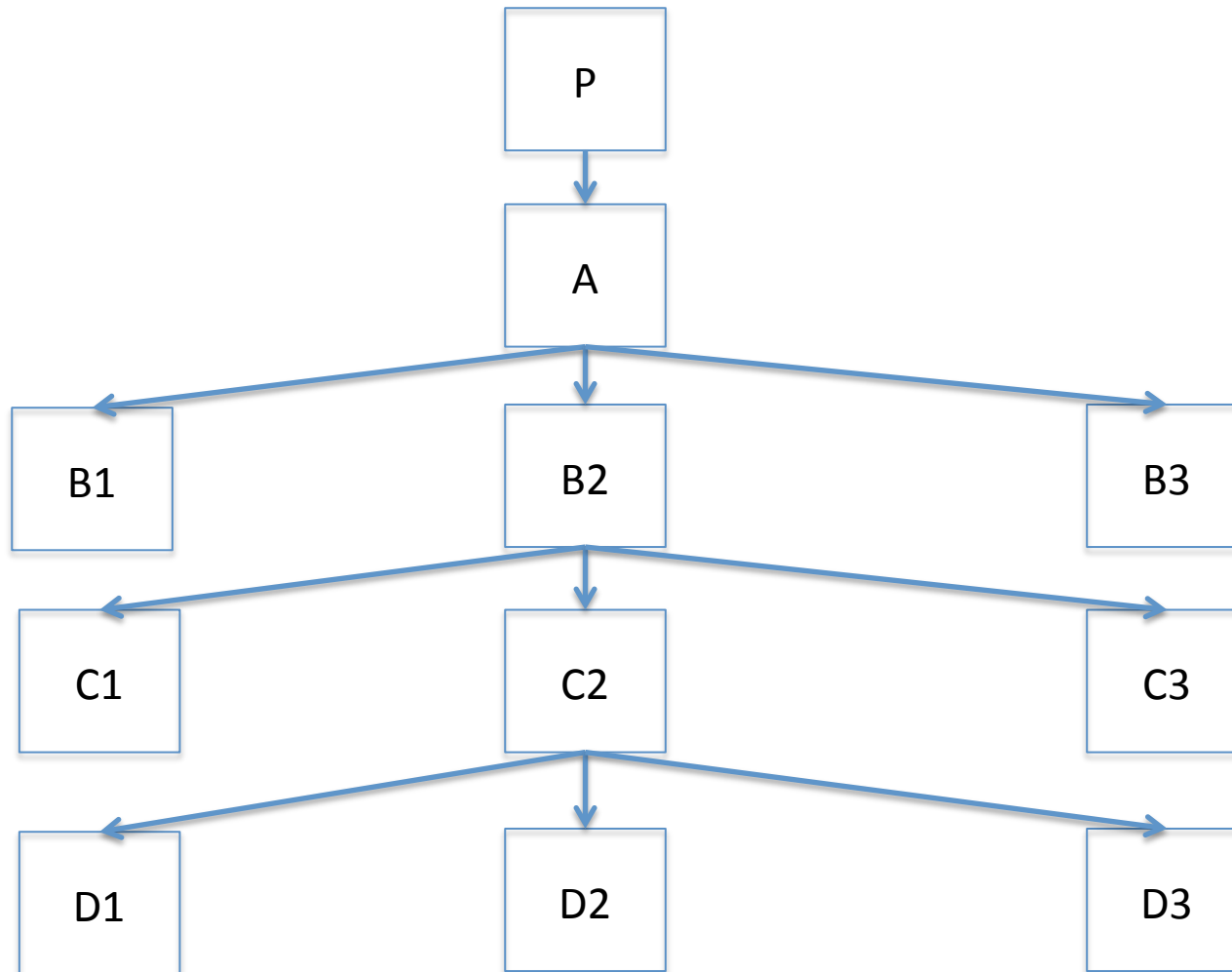


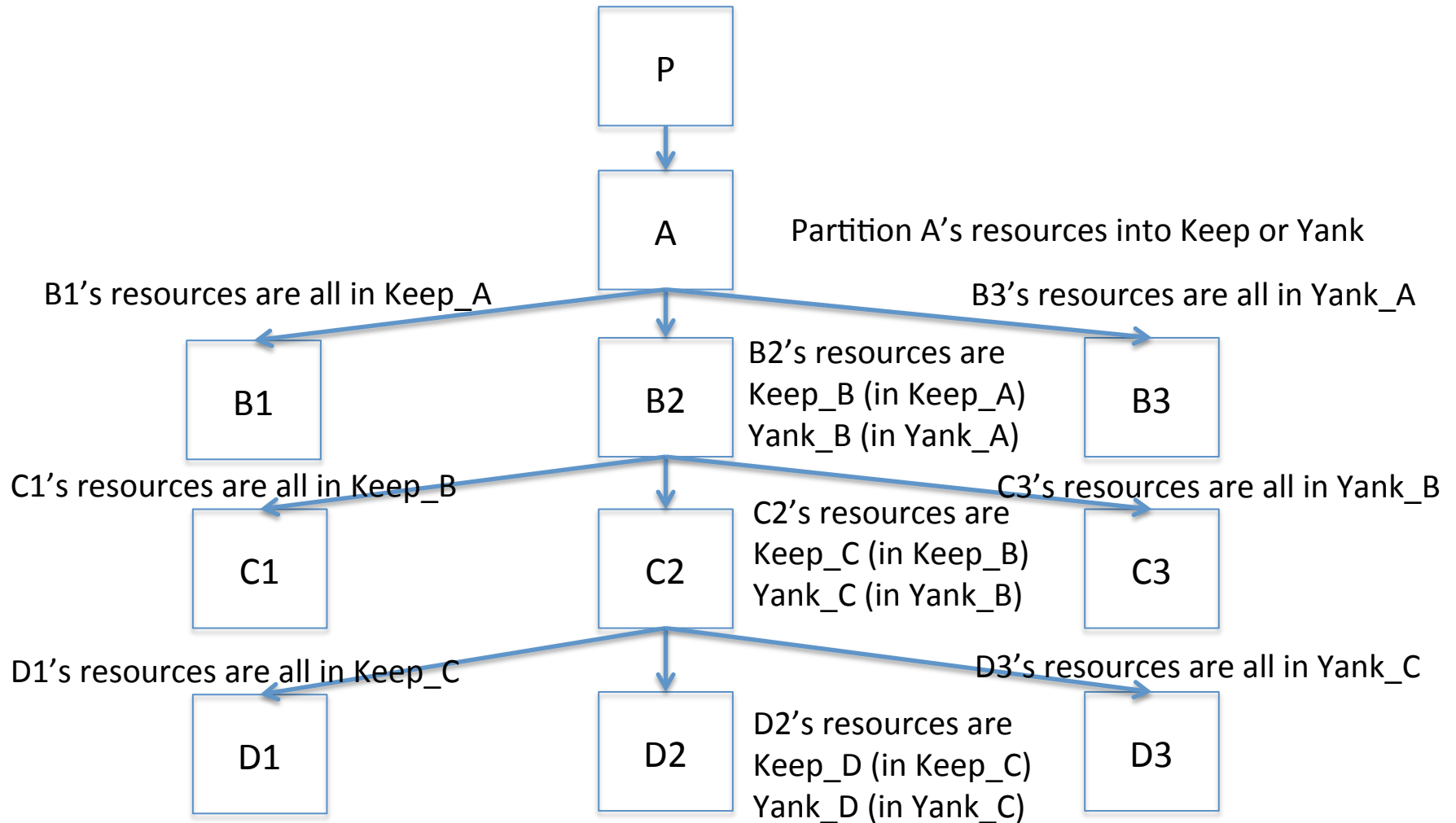
Validation Reconsidered

in pictures

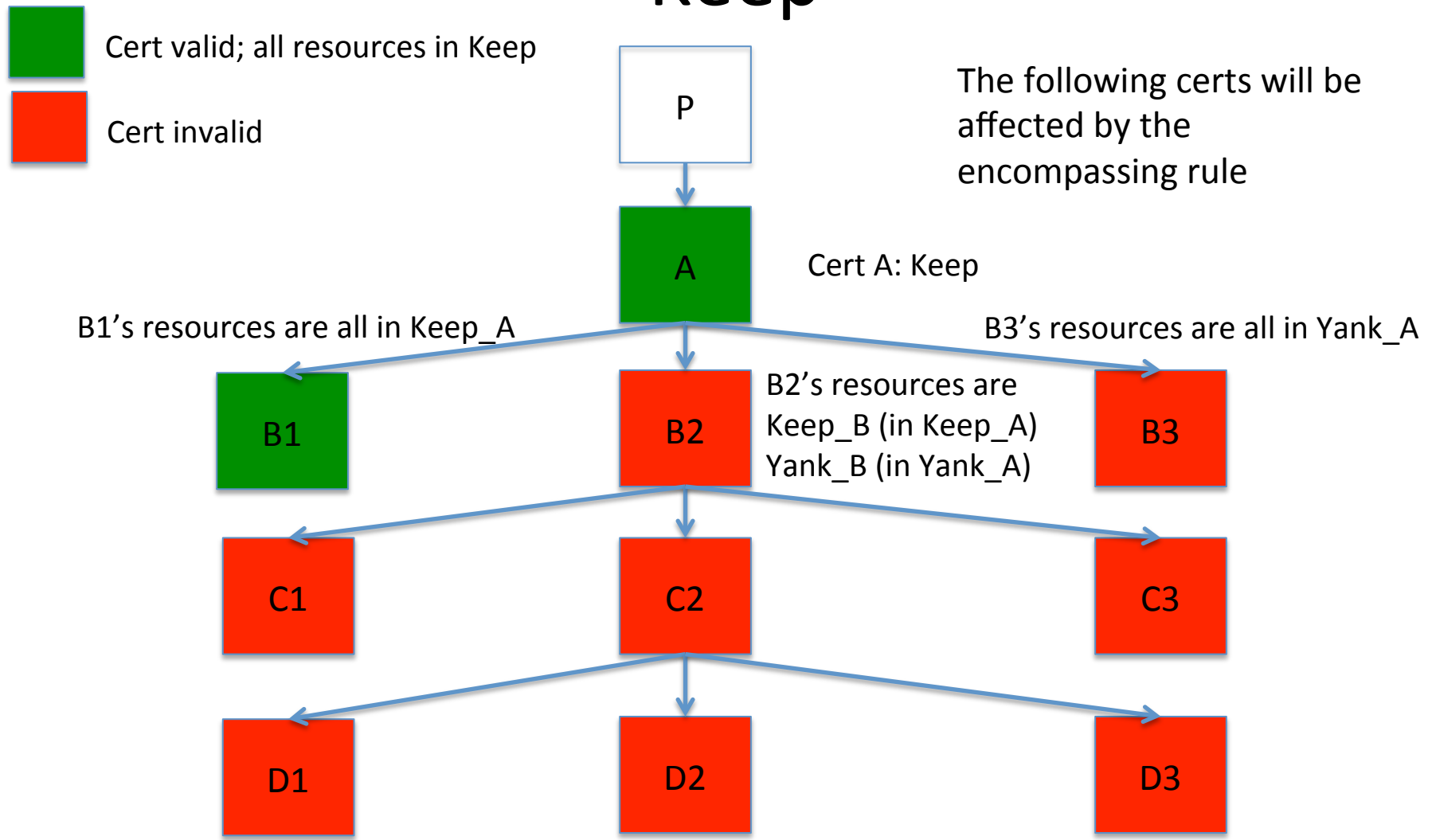
Suppose we had the following



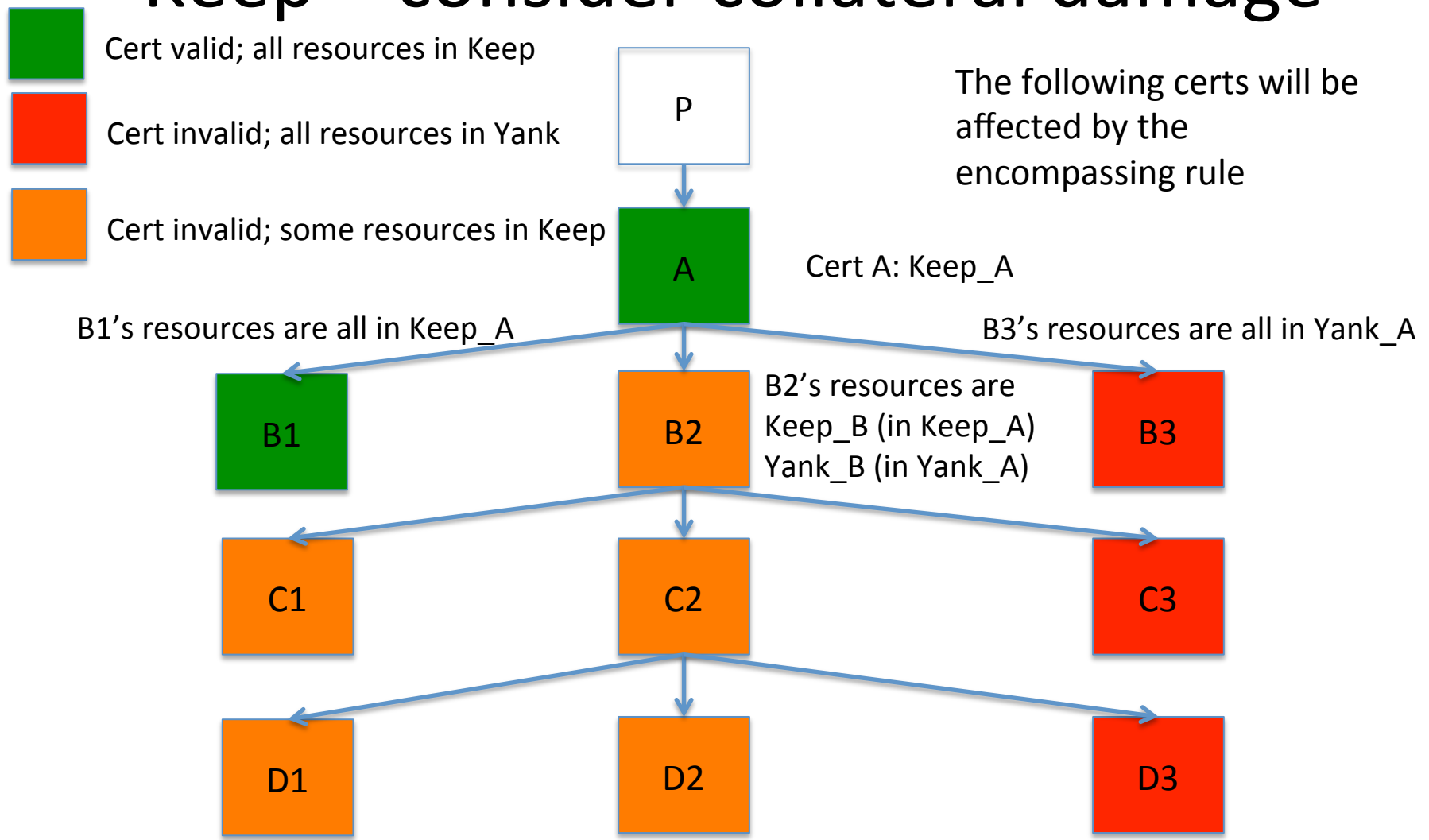
Suppose P reduces A's resources



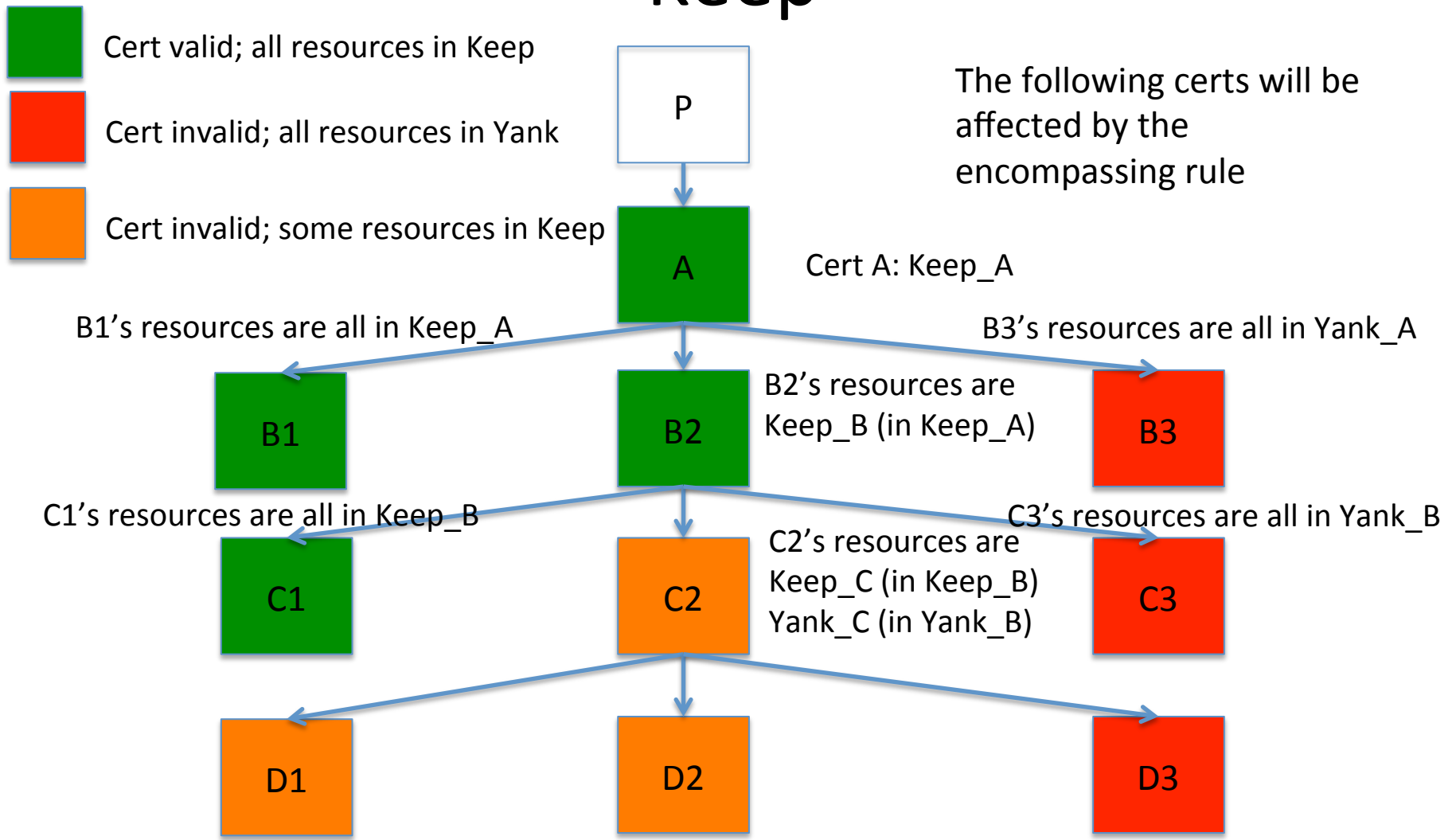
P issues a new cert for A with only Keep



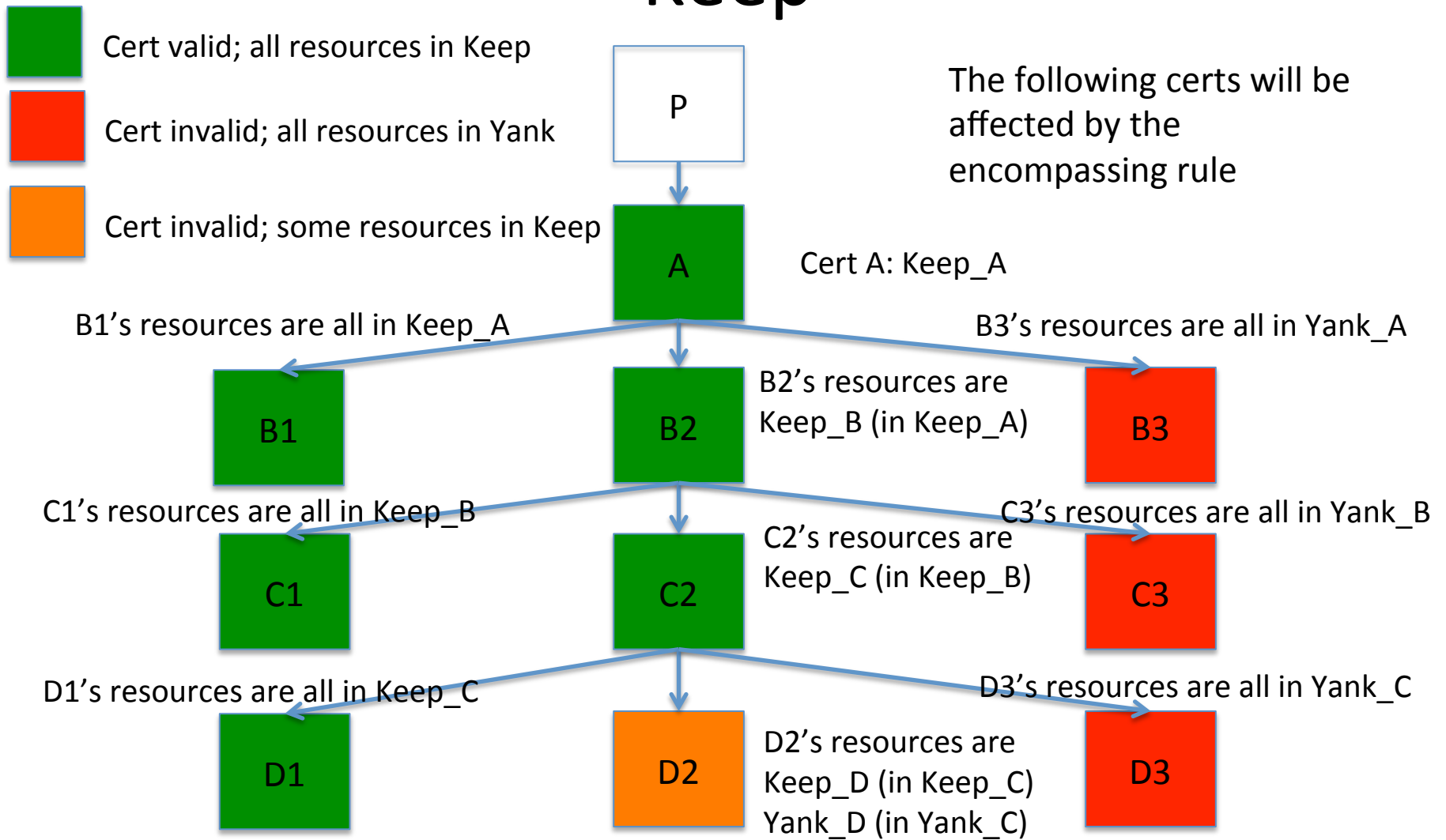
P issues a new cert for A with only Keep – consider collateral damage



A issues a new cert for B2 with only Keep

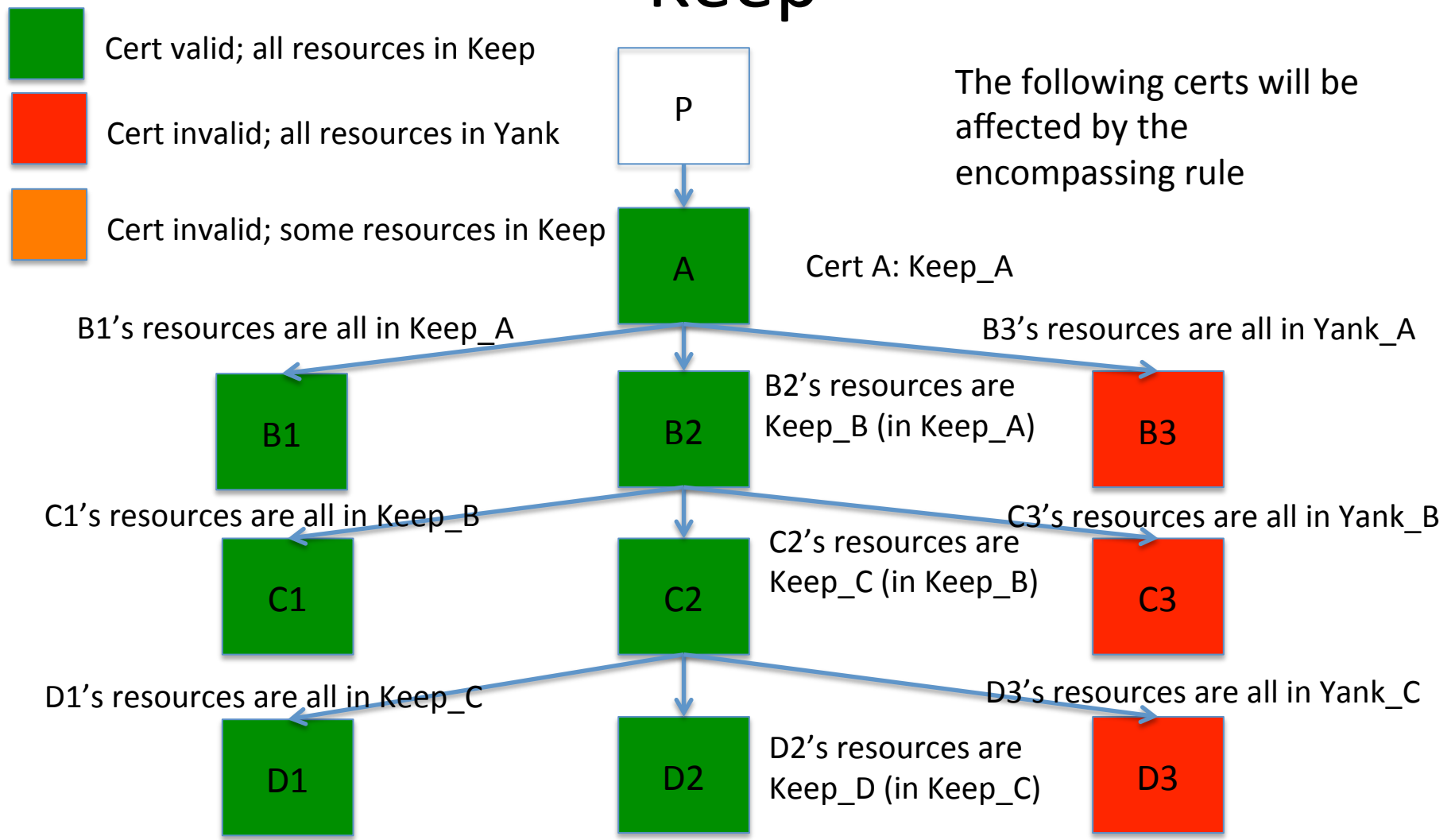


B2 issues a new cert for C2 with only Keep

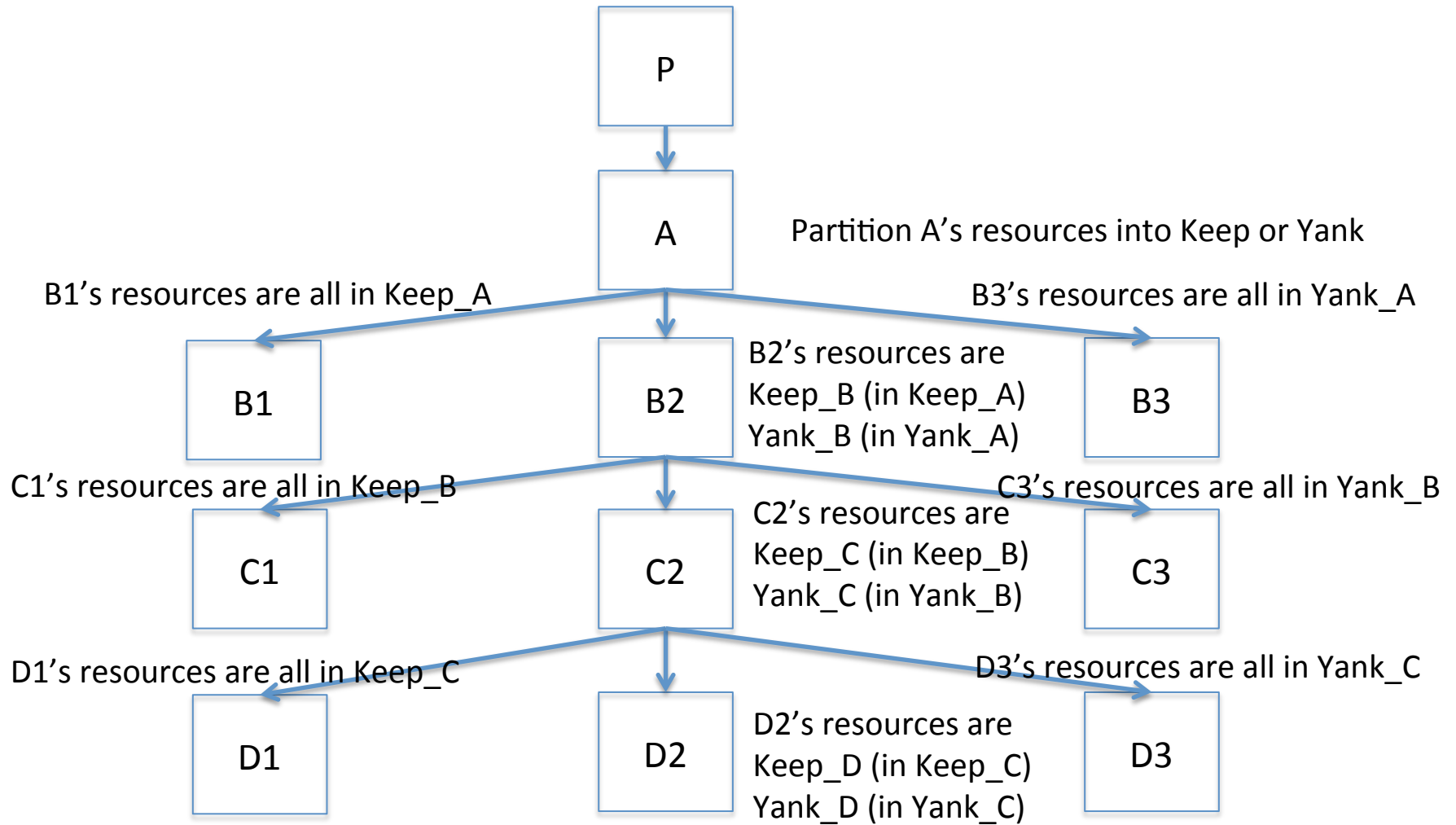


The following certs will be affected by the encompassing rule

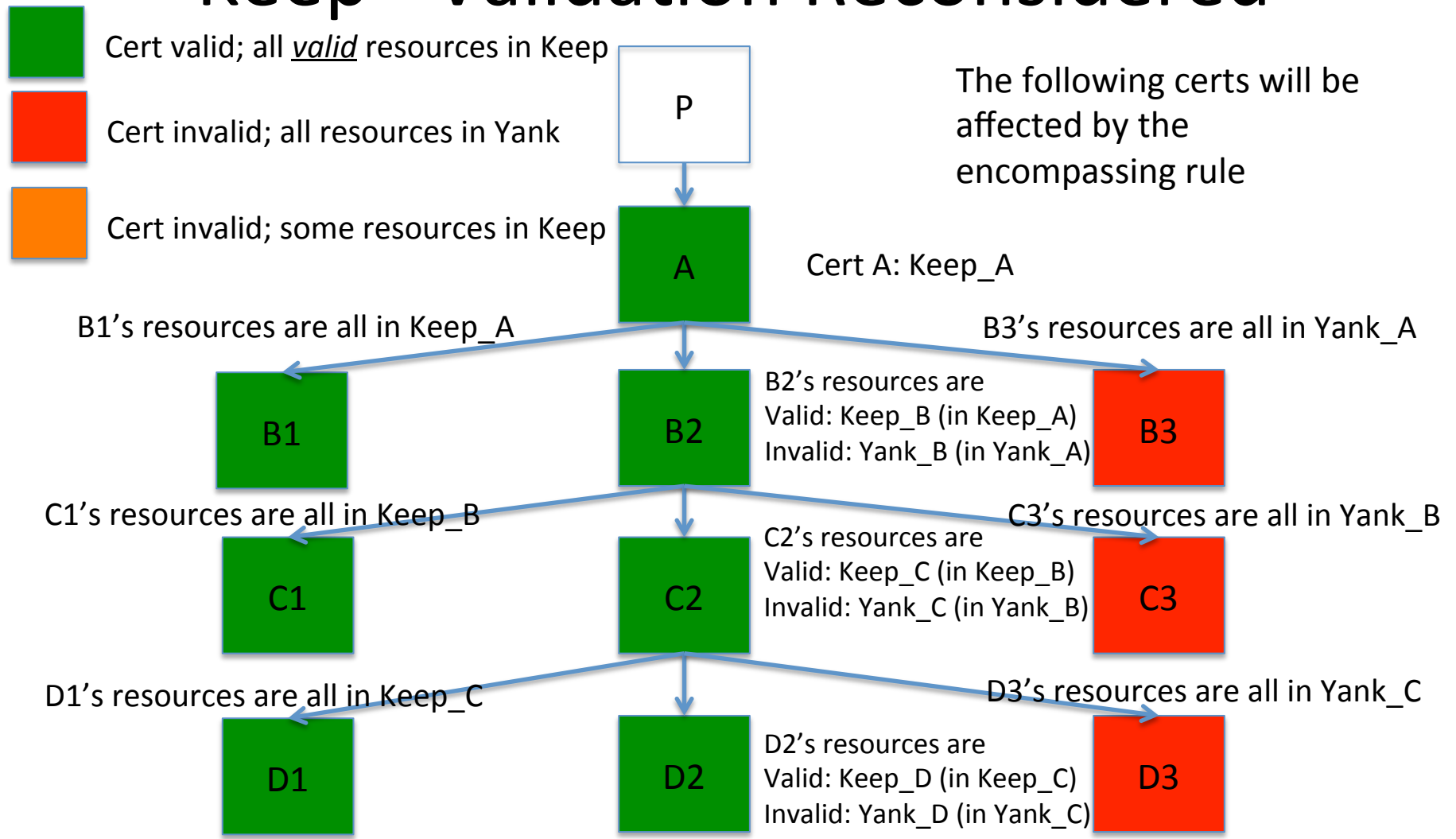
C2 issues a new cert for D2 with only Keep



Back to the Beginning: Suppose P reduces A's resources



P issues a new cert for A with only Keep - Validation Reconsidered



Behavior in current algorithm ...

- The correction spreads downward
- Eventually, all certs with resources in “Keep” are repaired
 - A, B2, C2, and D2 now have reduced resources
 - Certs for B3, C3, D3 containing Yank_* resources are all invalid and will remain so
- At the end state, all resources in Yank from A down are no longer certified