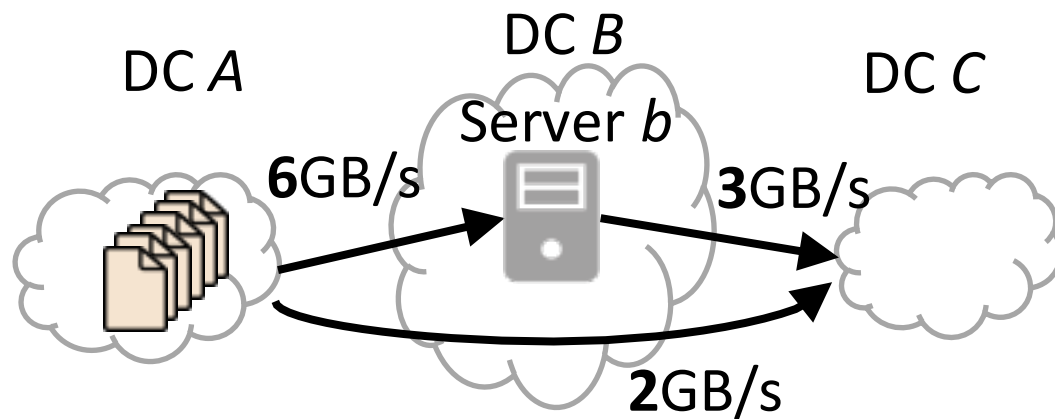
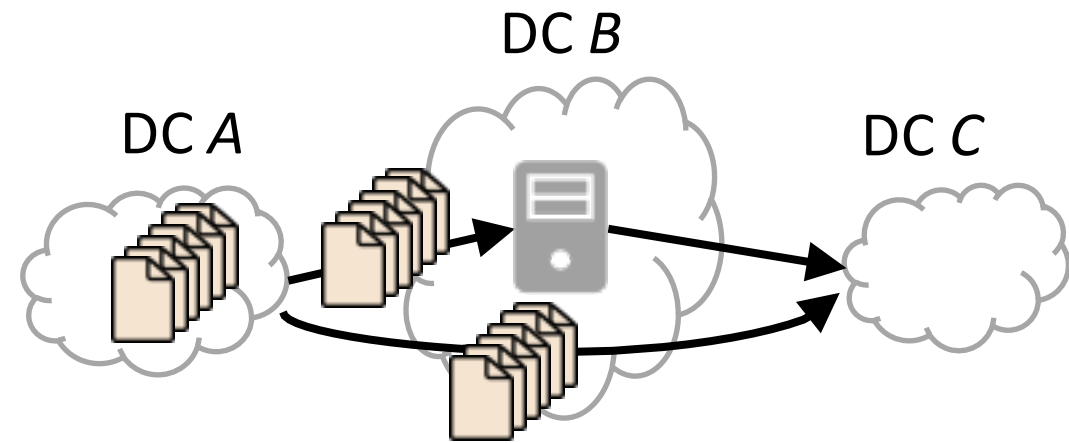


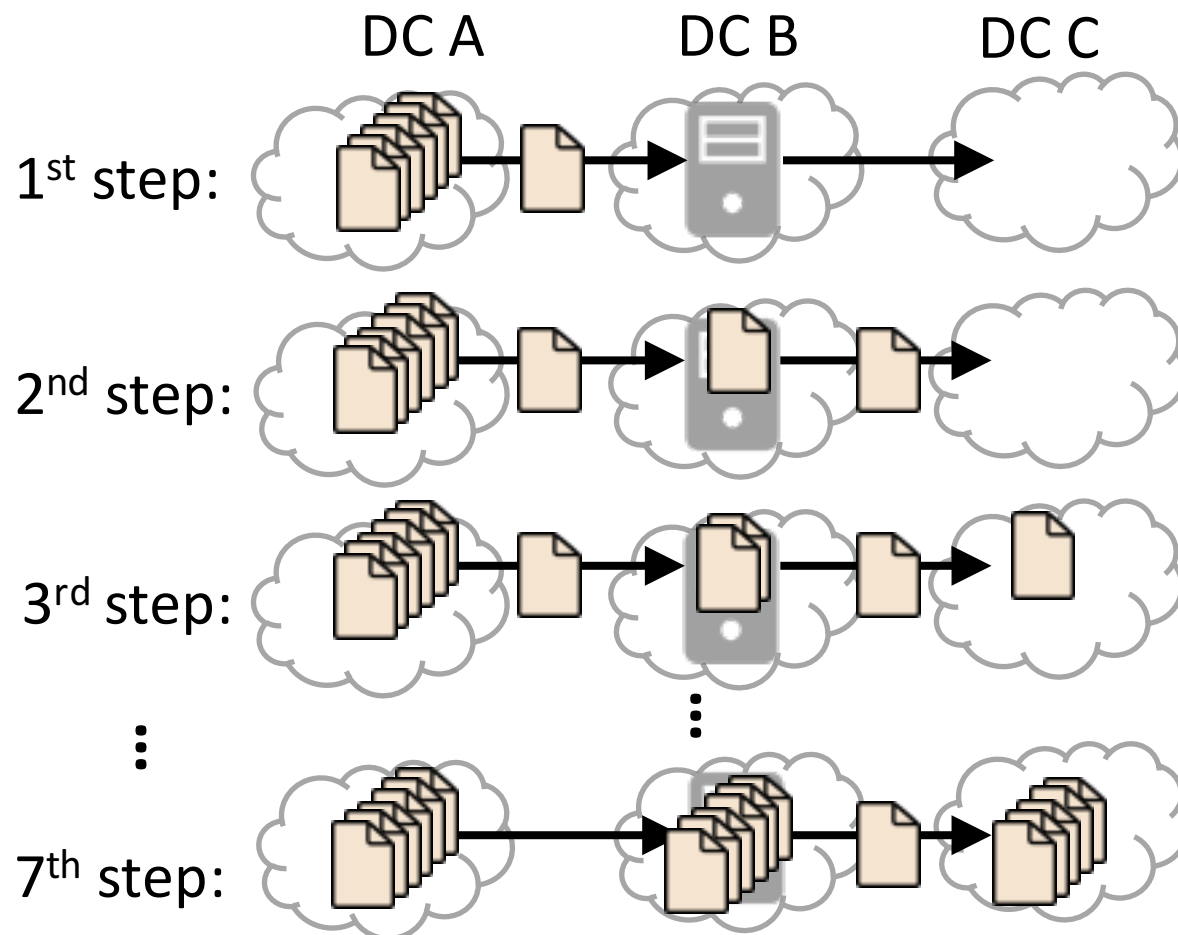
Send from A to B & C a 36GB-file which consists of six 6-GB blocks (6 x )



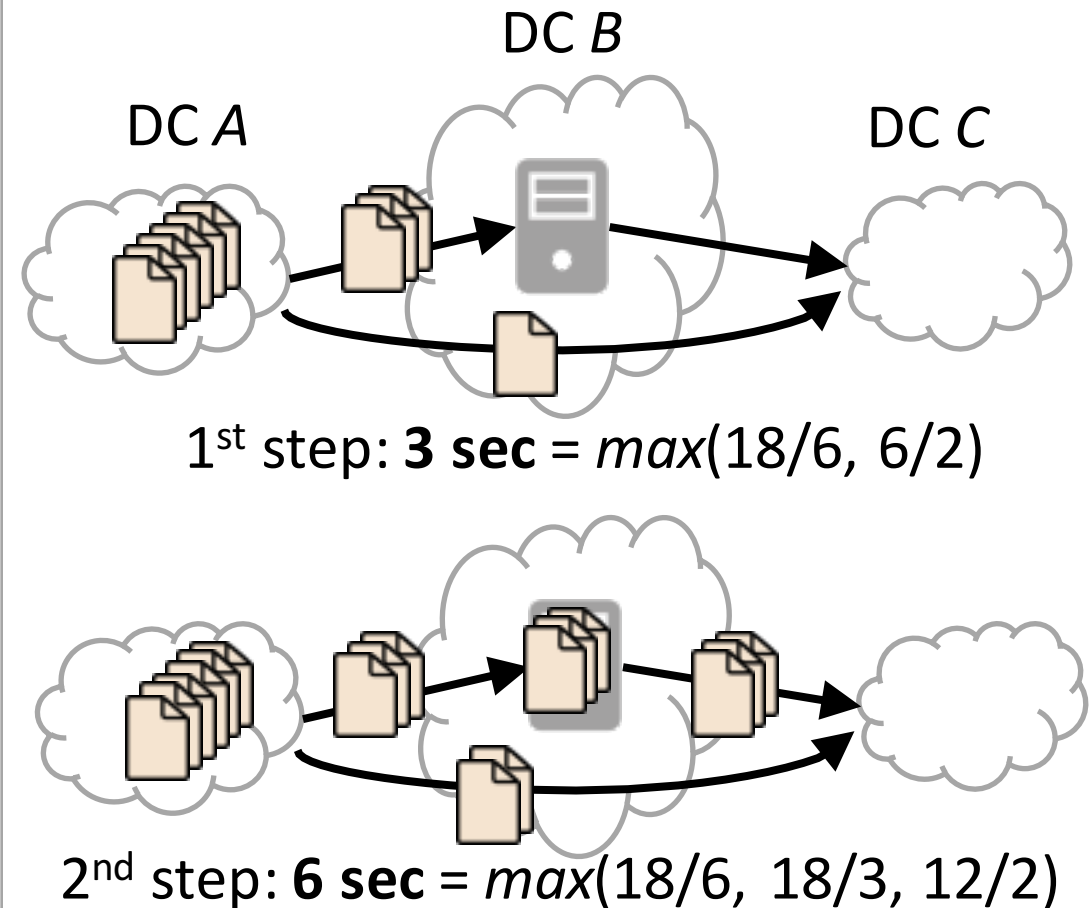
(a) Set up and topology



(b) No overlay: 18 sec
(= $\max(36/6, 36/2)$)



(c) Chain replication: 13 sec
(= $6/6 + 6/3 + 6/3 + 6/3 + 6/3 + 6/3 + 6/3$)



(d) Smart overlay: 9 sec (= 3+6)