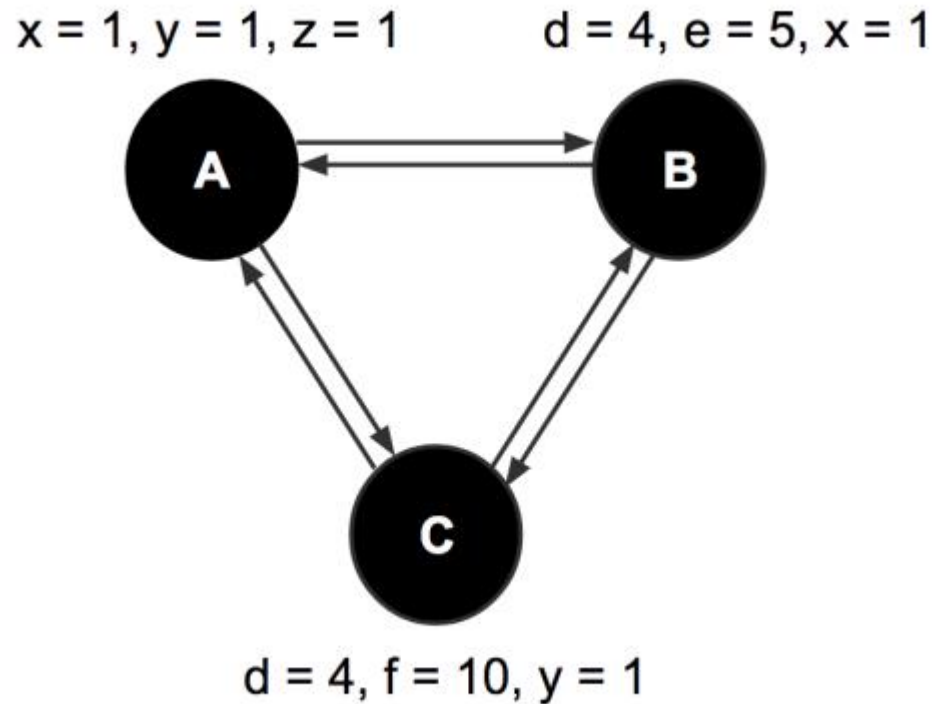


The following example is from Princeton's COS418 course material (CC license)

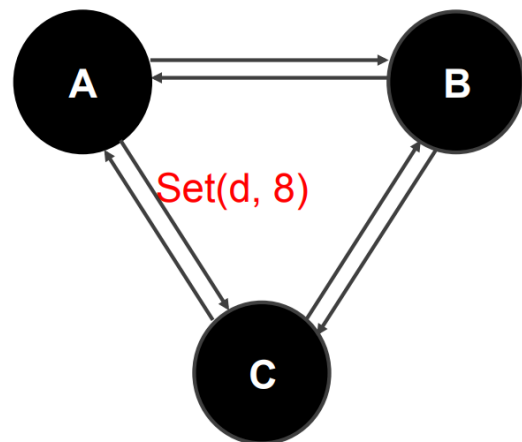
Example

Initial State



B	$e = 10$
A → B	sends Set(d, 8)
A → C	sends Set(d, 8)
B	receives Set(d, 8) from A, $d = 8$
C	$y = 3$
C → A	sends Set(y, 3)
C	starts snapshot
C	receives Set(d, 8) from A, $d = 8$
A	receives Set(y, 3) from C, $y = 3$
B	receives Marker from C
B	$e = 4$
B → A	sends Set(x, 4)
A	receives Marker from C
A	receives Marker from B
A	receives Set(x, 4) from B, $x = 4$
C	receives Marker from B
C	receives Marker from A
B	receives Marker from A

$x = 1, y = 3, z = 1$ $d = 8, e = 10, x = 1$



$d = 4, f = 10, y = 3$

A	$x = 1, y = 3, z = 1$
B	$d = 8, e = 10, x = 1$
C	$d = 4, f = 10, y = 3$

Link(BA)	--
Link(CA)	--
Link(AB)	--
Link(CB)	--
Link(AC)	Set(d, 8)
Link(BC)	--

B $e = 10$
 A → B sends Set(d, 8)
 A → C sends Set(d, 8)
 B receives Set(d, 8) from A, $d = 8$
 C $y = 3$
 C → A sends Set(y, 3)
 C **starts snapshot**
 C receives Set(d, 8) from A, $d = 8$
 A receives Set(y, 3) from C, $y = 3$
 B receives Marker from C, **starts snapshot**
 B $e = 4$
 B → A sends Set(x, 4)
 A receives Marker from C, **starts snapshot**
 A receives Marker from B, **ends snapshot**
 A receives Set(x, 4) from B, $x = 4$
 C receives Marker from B
 C receives Marker from A, **ends snapshot**
 B receives Marker from A, **ends snapshot**