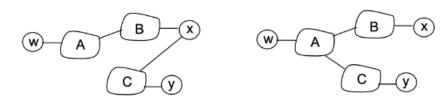
Solution Quiz#5(5K)

Q1)



X's view of the topology

Cost to

W's view of the topology

In the above solution, X does not know about the AC link since X does not receive an advertised route to w or to y that contain the AC link (i.e., X receives no advertisement containing both AS A and AS C on the path to a destination.

Q2)

Node x table

From	x y z	x 0 ∞ ∞	y 3 ∞ ∞	z 4 ∞ ∞	
		Cost to			
		X	у 3	Z	
_	X	0	3	4	
From	У	3 4	0 6	6 0	
	Z	4	0	U	
Node y table					
		Cost to			
		X	y	Z	
_	X	00	00	00	
From	У	3 ∞	0 ∞	6 ∞	
	Z	0.0	ω	00	
		Cost to			
		X	y 3	Z	
	X	0	3	4	
From	У	3	0	6	
	Z	4	6	0	
Node z table					
		Cost to			
		X	y	Z	
Enom	X	00	00	00	
From	y	00	00	00	
	z	4	6	0	
		Cost to			
	X	0	y 3	4	
From y		3	0	6	
	Z	4	6	0	