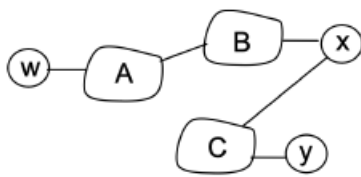
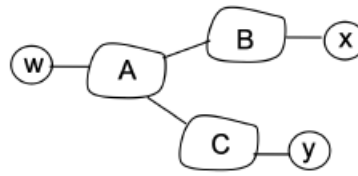


Solution Quiz#5(5K)

Q1)



X's view of the topology



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

		Cost to		
		x	y	z
From	x	0	3	4
	y	∞	∞	∞
	z	∞	∞	∞

		Cost to		
		x	y	z
From	x	0	3	4
	y	3	0	6
	z	4	6	0

Node y table

		Cost to		
		x	y	z
From	x	∞	∞	∞
	y	3	0	6
	z	∞	∞	∞

		Cost to		
		x	y	z
From	x	0	3	4
	y	3	0	6
	z	4	6	0

Node z table

		Cost to		
		x	y	z
From	x	∞	∞	∞
	y	∞	∞	∞

z 4 6 0

		Cost to		
		x	y	z
From	x	0	3	4
	y	3	0	6
	z	4	6	0