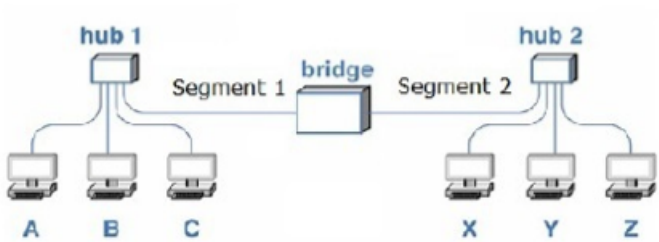


Quiz 4 Solutions

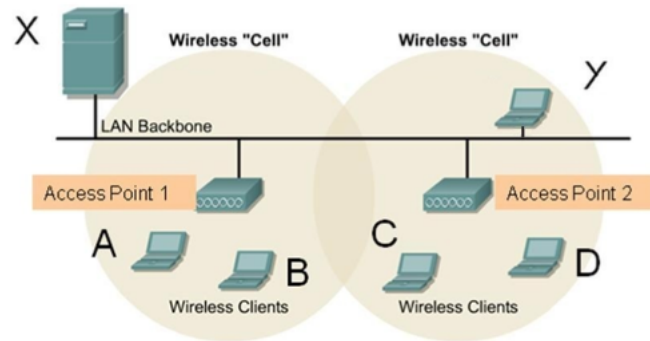
Sam Mansfield

1.



Packet Sent	Segment 1	Segment 2
from A to B	A	
from B to A	A, B	
broadcast from A	A, B	
from Y to X	A, B	Y
from Y to A	A, B	Y
from A to B	A, B,	Y

2.



Key: Wireless packet (A1, A2, A3), Ethernet packet (DA, SA)

- (a) A to D
Three packets will be sent from A to D.
(AP1, A, D) Wireless
(D, A) Ethernet
(D, AP2, A) Wireless
- (b) C to Y
Two packets will be sent from C to Y.
(AP2, C, Y) Wireless
(Y, C) Ethernet