Quiz 4b Solutions

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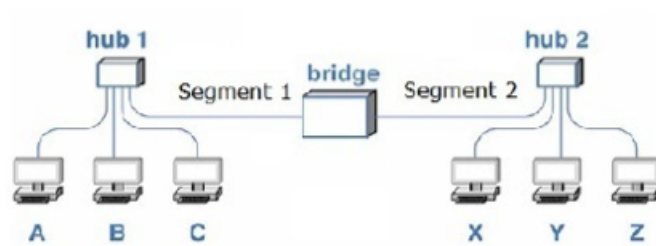
| Packet Sent	Segment 1	Segment 2
from A to B	A	
from B to A	A, B	
broadcast from A	A, B	
from Y to X	A, B	Y
from Y to A	A, B	Y
from A to B	A, B,	Y

2.
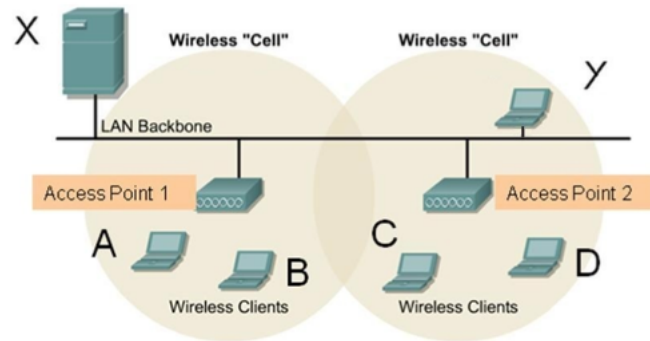
Key: Wireless packet (A1, A2, A3), Ethernet packet (DA, SA)

(a) X to D
Two packets will be sent from X to D.
(D, X) Ethernet
(D, AP2, X) Wireless

(b) C to B
Three packets will be sent from C to B.
(AP2, C, B) Wireless
(B, C) Ethernet
(B, AP1, C) Ethernet