Module 2 Learning Bridge

Sunday, 12 May 2024   1:28 PM

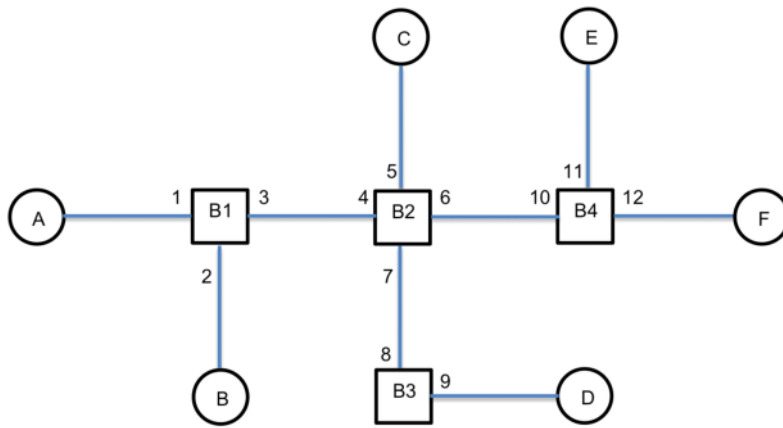## Problem 1:
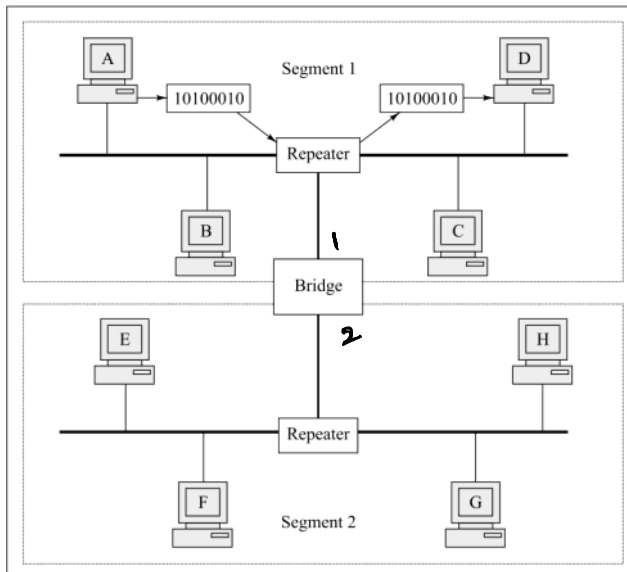
Frame sent by host	Frame sent to host
A	D ✓
D	C ✓
A	B —
B	C ✓
H	C ✓
E	G
F	E
G	B
C	E

Bridge Table 1

Station	Port
A	1
D	1
B	1
H	2
E	2
F	2
G	2
C	1

Problem 2:

✓ ⓘ A → B   ⓘⱽ F → D

✓ ⓘⓘ E → A   ⓥ C → F

✓ ⓘⓘⓘ D → B

Solution,

Bridge 1 :

Station	Port
A	1 ✓
E	3 ✓
D	3 ✓

Bridge 2 :

Station	Port
A	4 ✓
E	6 ✓
D	7 ✓
F	6 ✓
C	5 ✓

Bridge 3 :

Station	Port
A	8 ✓
E	8 ✗

This alone ~~come~~

Bridge 4 :

Station	Port
A	10 ✓
E	11

A   B

E   8   ✗   This alone
                             wont come

D   9   ✓

F   8   ✓

E   11

D   10

F   12

C   10

Note: E won't come
because the packets
won't be transmitted
to port 8 as it knows
A's position

Module 2 Spanning Tree Protocol

Sunday, 12 May 2024   2:13 PM

Problem 1:

Problem 2: