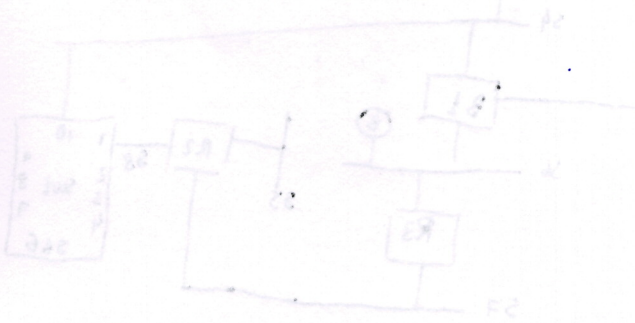


(2) 6.3.2

g) $A \rightarrow B: A \xrightarrow{34} R1 \xrightarrow{54(B1)564} B$

1 address for $A \rightarrow R1(\text{port})$
1 address for $R1(\text{port}) \rightarrow B$

} 2 pairs of addresses \Rightarrow 4 ~~add~~ addresses



(a) How many CD? On which side and SW? ports?
(b) How many BD? On which side and SW? ports?
(c) How many VNI? On which side and SW? ports?

We compare 4 port-side VNI on SW
VNI 1/34
VNI 2/56
VNI 3/54
VNI 4/56

(a) How many CD? On which side and SW? ports?
(b) How many BD? On which side and SW? ports?
(c) How many VNI? On which side and SW? ports?
(d) How many VNI? On which side and SW? ports?

(a) CD: (1/34), (2/56), (3/54), (4/56)
(b) BD: (1/34), (2/56), (3/54), (4/56)
(c) VNI: (1/34), (2/56), (3/54), (4/56)

(a) CD: (1/34), (2/56), (3/54), (4/56)
(b) BD: (1/34), (2/56), (3/54), (4/56)
(c) VNI: (1/34), (2/56), (3/54), (4/56)

(a) VNI: (1/34), (2/56), (3/54), (4/56)
(b) VNI: (1/34), (2/56), (3/54), (4/56)
(c) VNI: (1/34), (2/56), (3/54), (4/56)

(a) We could remove one pair of ports VNI 1/34 (1/2, 2/3) as a free port interface of R1.
(b) We could remove one pair of ports VNI 2/56 (2/3, 3/4) as a free port interface of R2.
(c) We could remove one pair of ports VNI 3/54 (3/4, 4/5) as a free port interface of R3.