CSA 0735

NETWORK []]\\\]T-\\\ ASSIGNMENT

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Scenario: Real time train updates auce multicast to 5 Control Centeus

Parameter:

1> Stream duplication

1 PIM- SM efficiency

L> Band width.

Questions:

1. If 50 trains each send IMbps, what's bandwidth with unicast?

Ans: Bandwidth with unicast.

= 5Mbps per train.

4 50 trains x 6 Hbps = 250 Mbps to tal outbound band width.

Total uni cast Bandwidth = 250 Mbs.

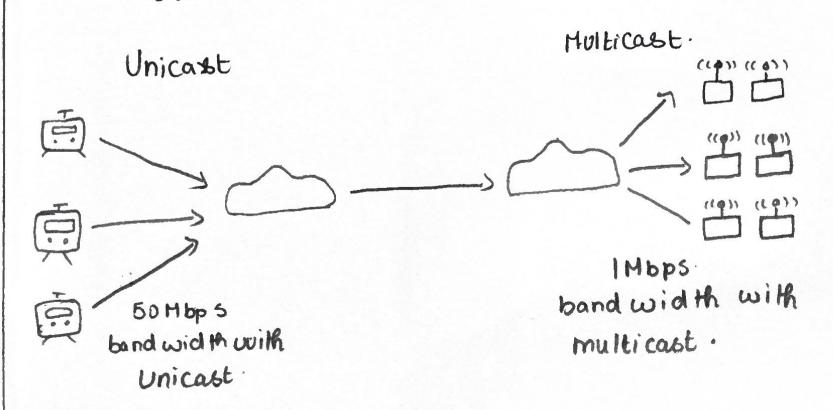
2. What's the band width with multicast?

Ans:

With multi cast (PIM-SM).

- into the network.
- needed, efficiently distributing to 5 centers.
- 4) 50 trains x IMbps = 50 Mbps.

Total Multi Cast Band width = 50 Mbps.



2. What's the band width with multicast?

Ans:

With multi cast (PIM-SM).

- into the network.
- Deuter suplicate packets only as needed, efficiently distributing to 5 centers.

4) 50 trains x IMbps = 50 Mbps.

Total Multi Cast Bandwidth = 50 Mbps.

