**MULTICAST OPTIMIZATION – Formula**

If we consider only one source s:

* : whole set of nodes (s is the only source node)
* : whole set of edges
* set of destinations (d is one node)
* edge between nodes
* it denotes whether edge is selected into the path (if =1) or not (if =0)
* Network flow between nodes , a sequence of packets from a source computer to a destination:

Connected network

Objective function :

*s.t.*