



ii) crowbar switching switching via interconnection network overcomes but band width limitations because there's no bus connecontention There are many advanced design for this switching via interespice chions network 19 Describe how parket loss can occur at input ports. Describe how parket loss at input ports can be eliminated. I Packet loss occurs if queue size at the input port grows large because of 21000 switching tobac speed & thue onbe outling the router's buffer space It can be diminated it the switching spred is at least tin in times father where in it the number of input ports present in the router 20 Diceus owning each input part in a high speed router stores the dose copy of the forwarding table. The forwarding decision of the patches are deferpadecentralized in high speed muter which means that the butes processor is not only the one responsible for the forwarding of the packets The awitching fobric is also forwarding of responsible in packet forwarding. Thus to decrease the traffic in the bottleneck processing in the router, a shadow copy of forwarding table is stored in the input port of the muter.