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	not only the hop-court is considered but also link quality is checked at regular interval to ensure the selection of not only shortest path but also the most efficient path for the destination.
	2 Route Poisoning - route poisoning refers to the pratice of advertising a route, but with a special metric value called Infinity. The main disadvantage of poison reverse is that it can significantly increase the size of routing announcement in certain fairly common network topologies.
*	3. Use of Split harizon method.  A class B network on internet has a subrut mark of 255, 255, 240, 0, What is the maximum number of hast per subrut?
	Plas B address format is Net. Net. Node. Node.  Subject mask code -  1 = Cosition representing network or subject addresses  0 = Cosition representing the host address.
	be firstly convert subret mask into binary.  Subrit mask = 255, 255, 240, 0 -> 11111111 11111111 11110000 00000000
	Number of host per subret = $2^9 - 2$ , where $y = \text{numbers of 0's in node.}$ here, $y = 8$ : Number of host per subret = $2^8 - 2 = 266 - 2 = 254$ : 254 host is moscimum number of host per subret.