



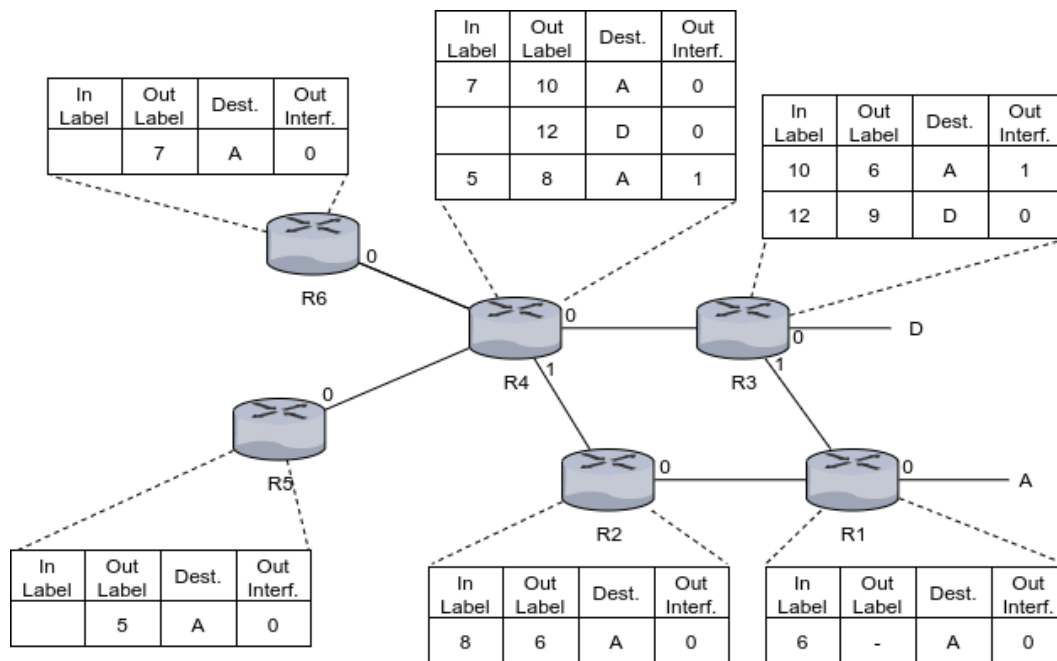
تکلیف نهم

مریم سعیدمهر
شماره دانشجویی: ۹۶۲۹۳۷۳

۱ سوال 6.P29

Consider the MPLS network shown in Figure 6.29, and suppose that routers $R5$ and $R6$ are now MPLS enabled. Suppose that we want to perform traffic engineering so that packets from $R6$ destined for A are switched to A via $R6 - R4 - R3 - R1$, and packets from $R5$ destined for A are switched via $R5 - R4 - R2 - R1$. Show the MPLS tables in $R5$ and $R6$, as well as the modified table in $R4$, that would make this possible.

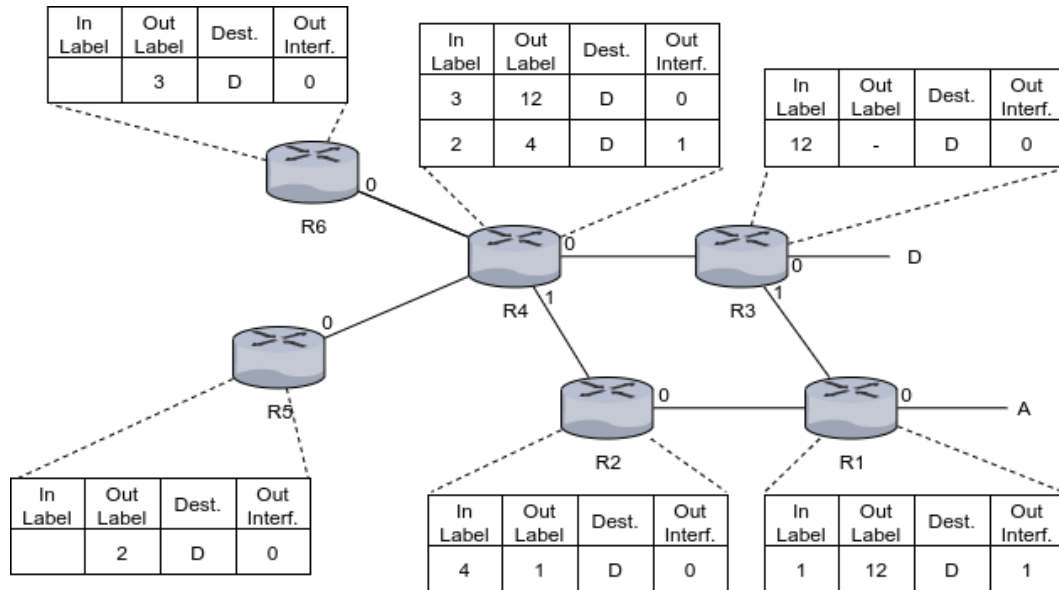
۱.۱ پاسخ



شکل ۱: پاسخ سوال ۲۹

Consider again the same scenario as in the previous problem. but suppose that packets from $R6$ destined for D are switched via $R6 - R4 - R3$, while packets from $R5$ destined to D are switched via $R4 - R2 - R1 - R3$. Show the MPLS tables in all routers that would make this possible.

۱.۲ پاسخ



شکل ۲: پاسخ سوال ۳۰

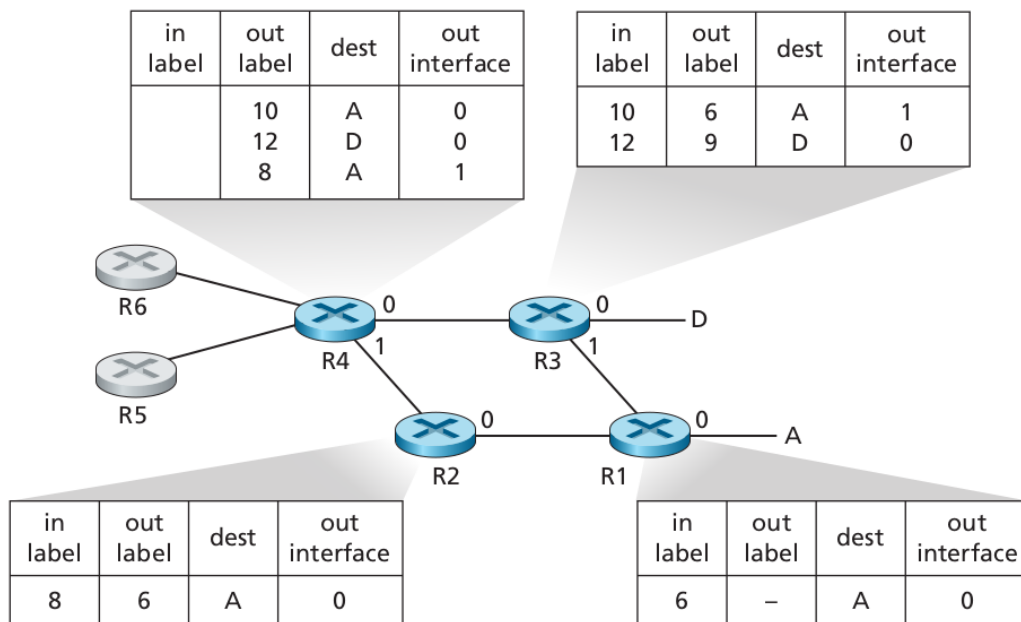


Figure 6.29 : MPLS – enhanced forwarding