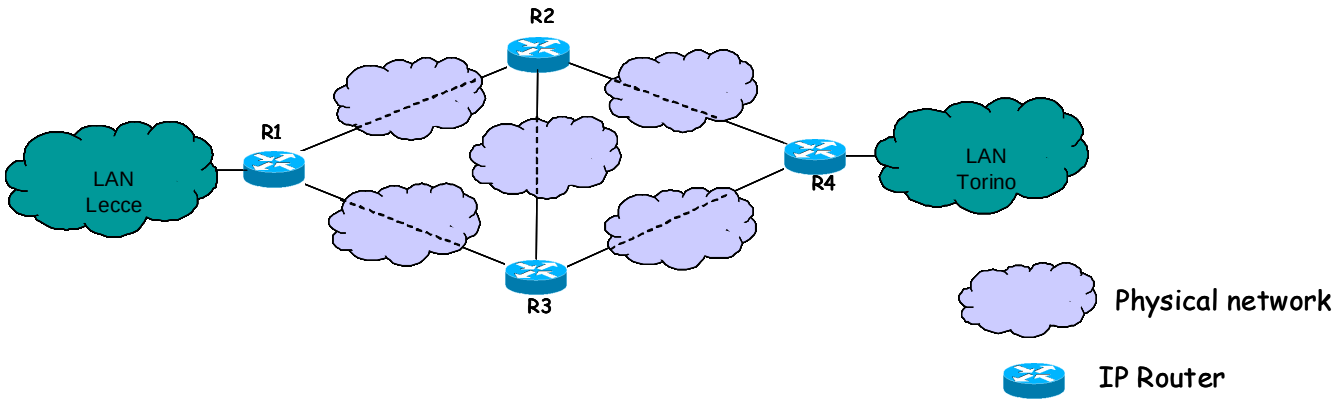
Network Technologies

Consider the network in the figure below.



Let $R_L(t)$ denote the reliability of links and assume that routers are fault-free. Evaluate the reliability of the path from Lecce to Torino.

Possible routes for packets:

R1-R3-R4
R1-R3-R2-R4
R1-R2-R4
R1-R2-R3-R4