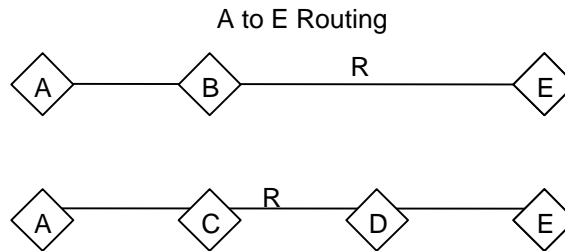
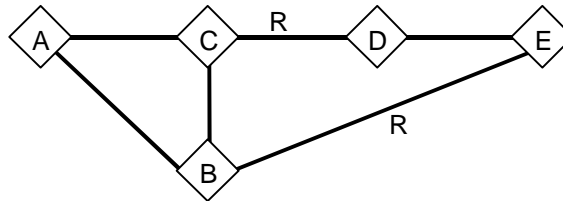


LSP Selection Example



Example event dependent routing (EDR) LSP selection method (success-to-the-top (STT) EDR):

1. if LSR-A to LSR-E bandwidth needs to be modified (say increased by delta-BW for CT i) primary LSP-p (e.g., LSP A-B-E) is tried first
2. available bandwidth tested locally on each link in LSP-p, if bandwidth not available (e.g., setup priority is “apply-reservation” state and link BE is in reserved R state), crankback to LSR-A
3. if delta-BW is not available on one or more links of LSP-p, then the currently successful LSP-s (e.g., LSP A-C-D-E) is tried next
4. if delta-BW is not available on one or more links of LSP-s, then a new LSP is searched by trying additional candidate paths until a new successful LSP-n is found or the candidate paths are exhausted
5. LSP-n is then marked as the currently successful path for the next time bandwidth needs to be modified