Setting Stage:
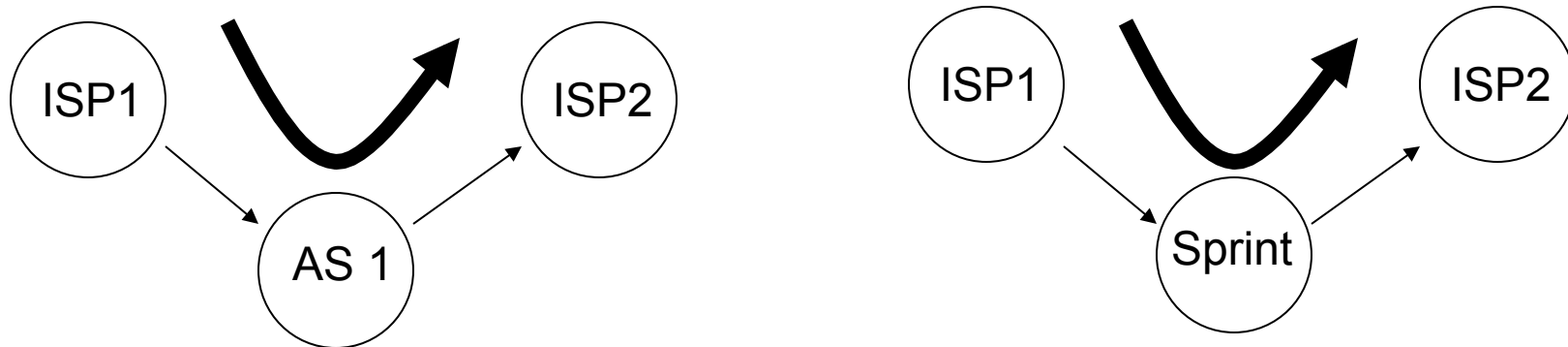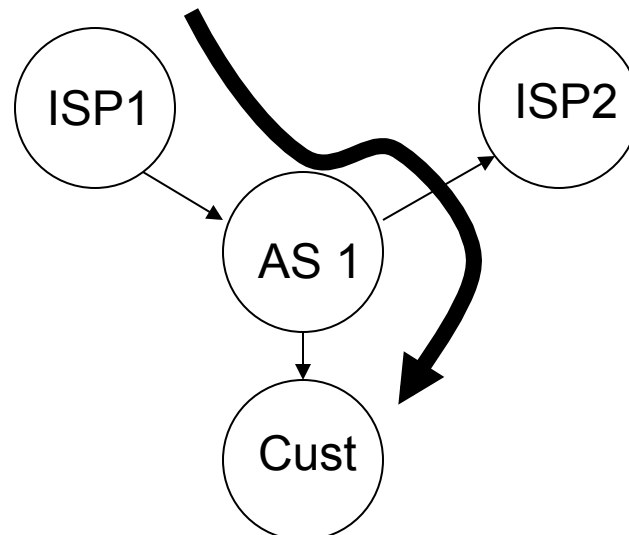# Route Leaks

Sandra Murphy

Is This a Route Leak?

- To be able to detect a route leak:

- Given a received Update with AS_PATH AS1…ASn
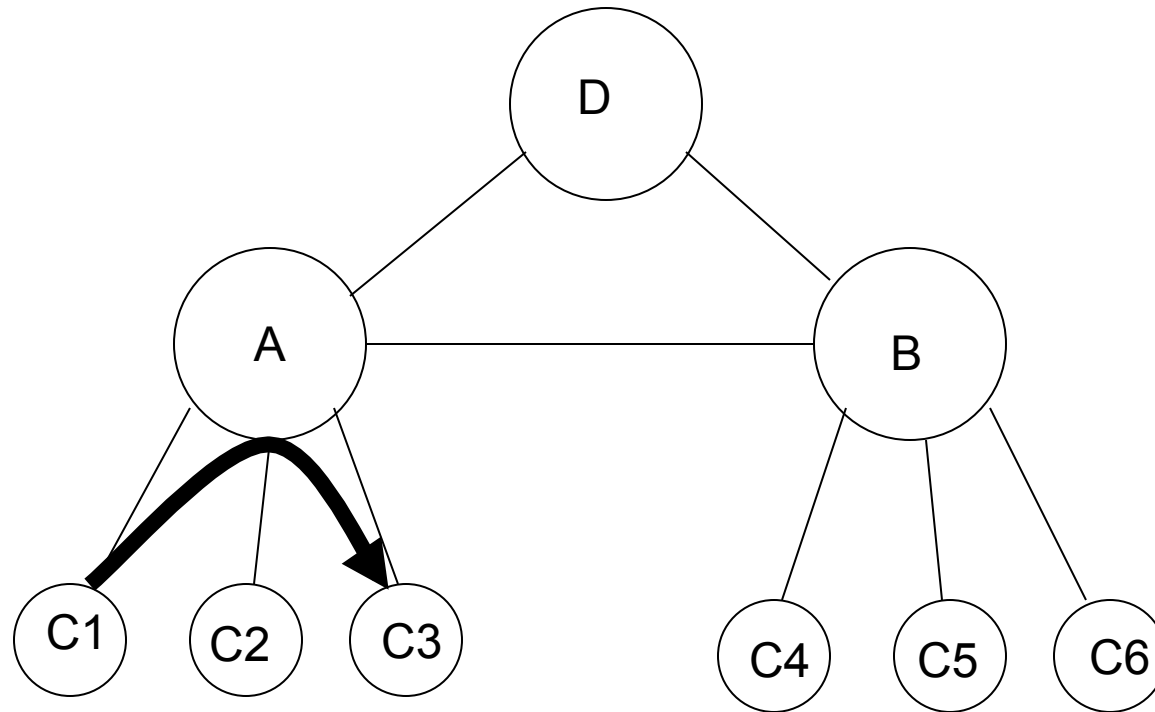
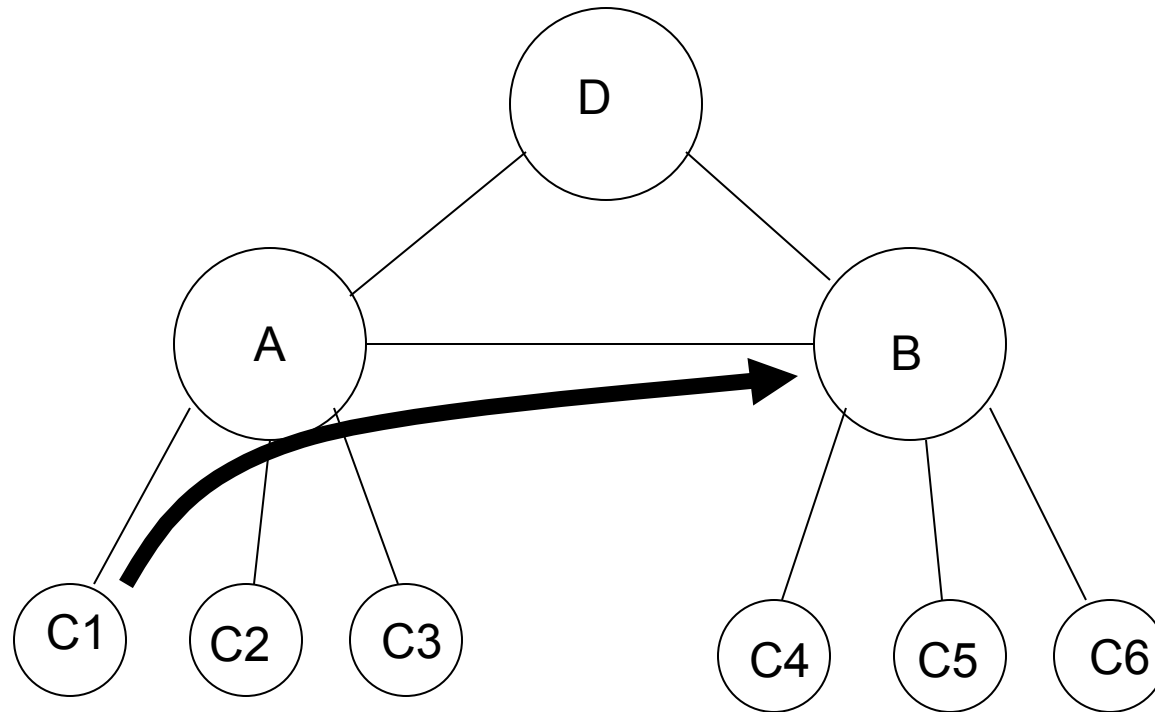- Answer the question: Is this a route leak?

Is This a Route Leak

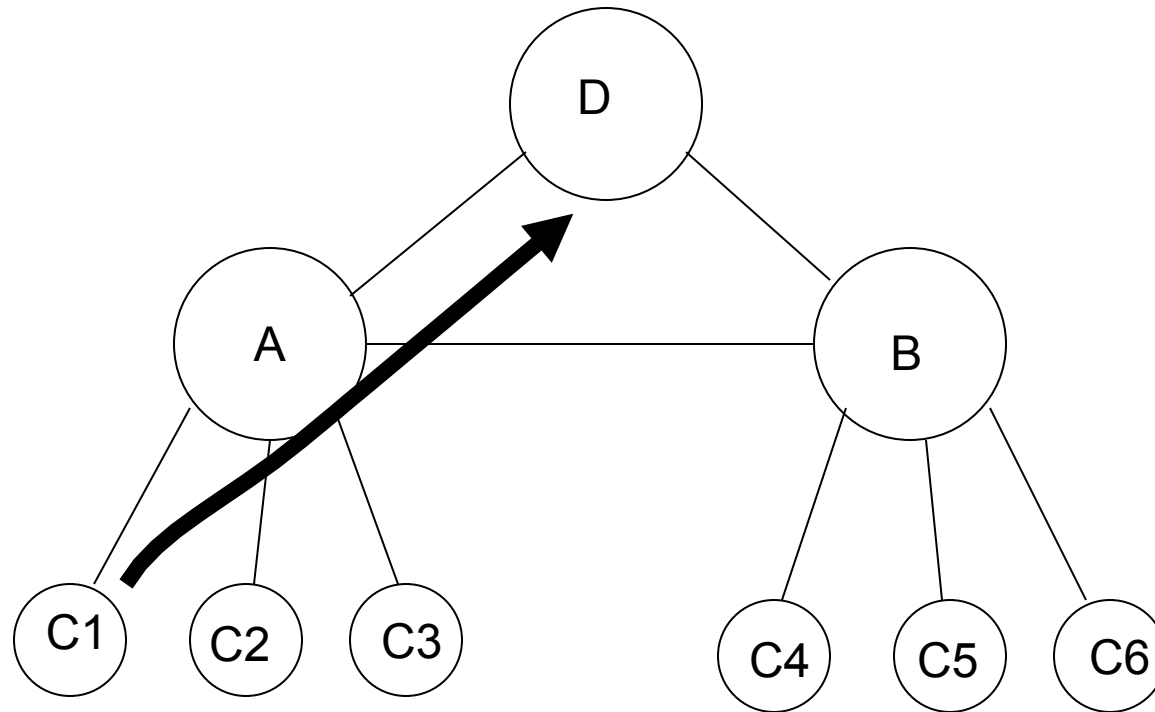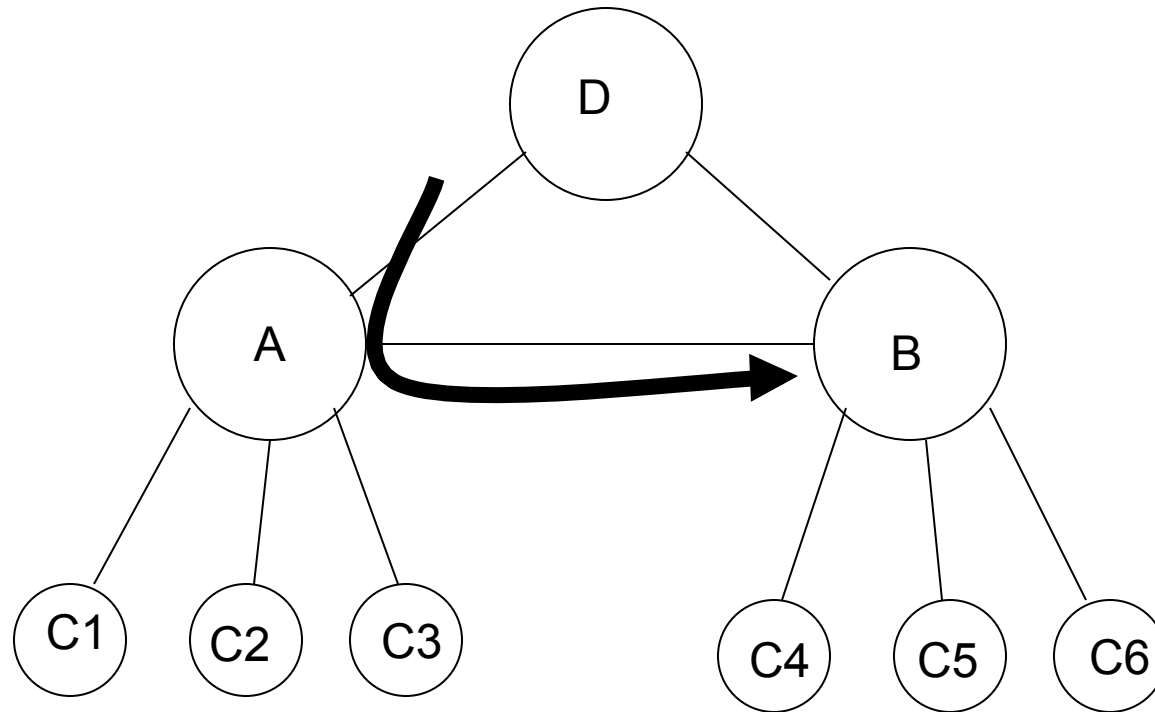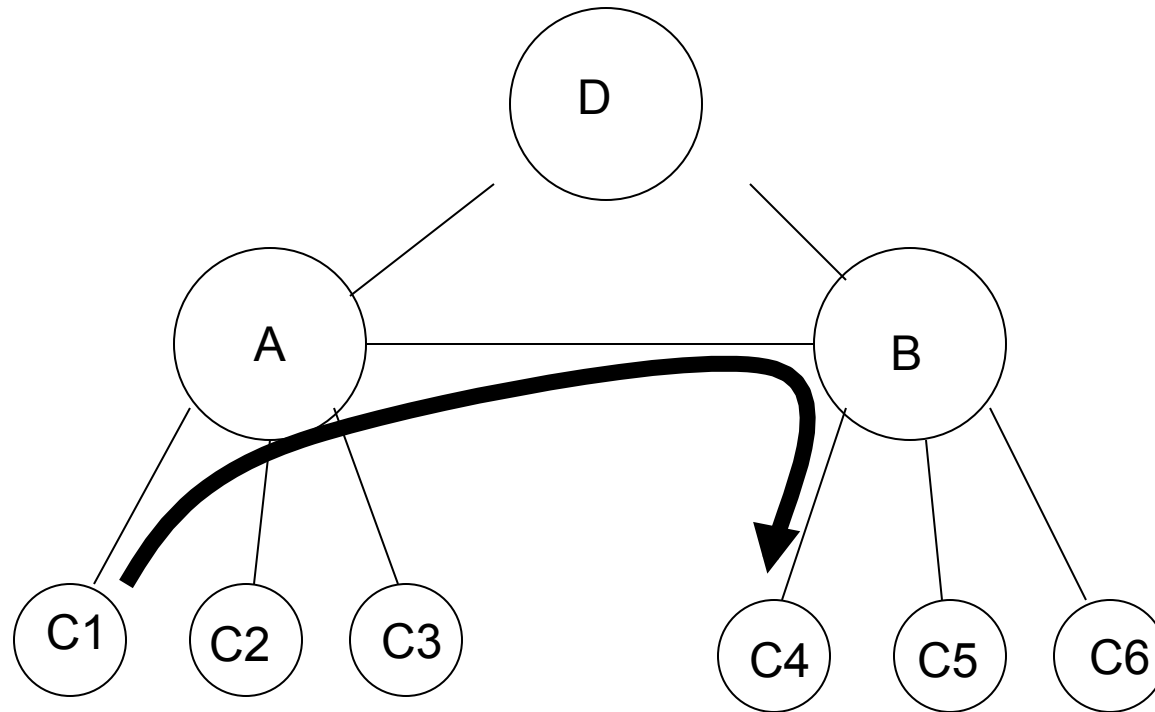draft-foo-sidr-simple-leak-attack-bgpsec-no-help

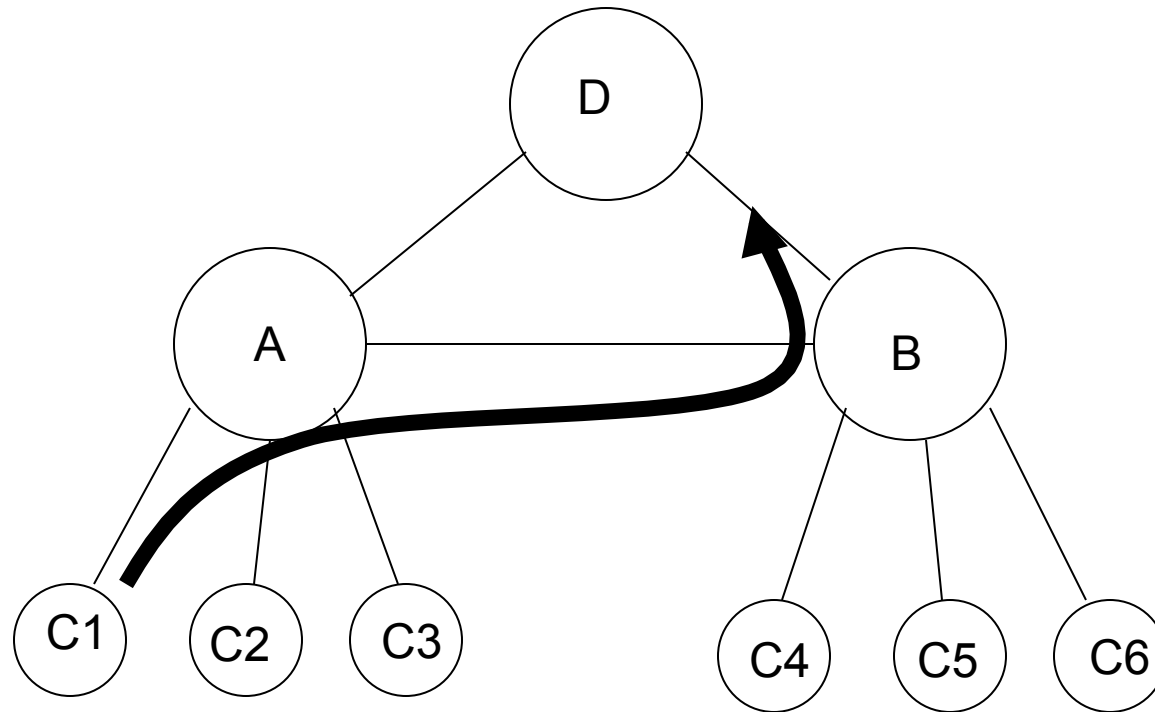# Is This a Route Leak

Is This a Route Leak

Is This a Route Leak
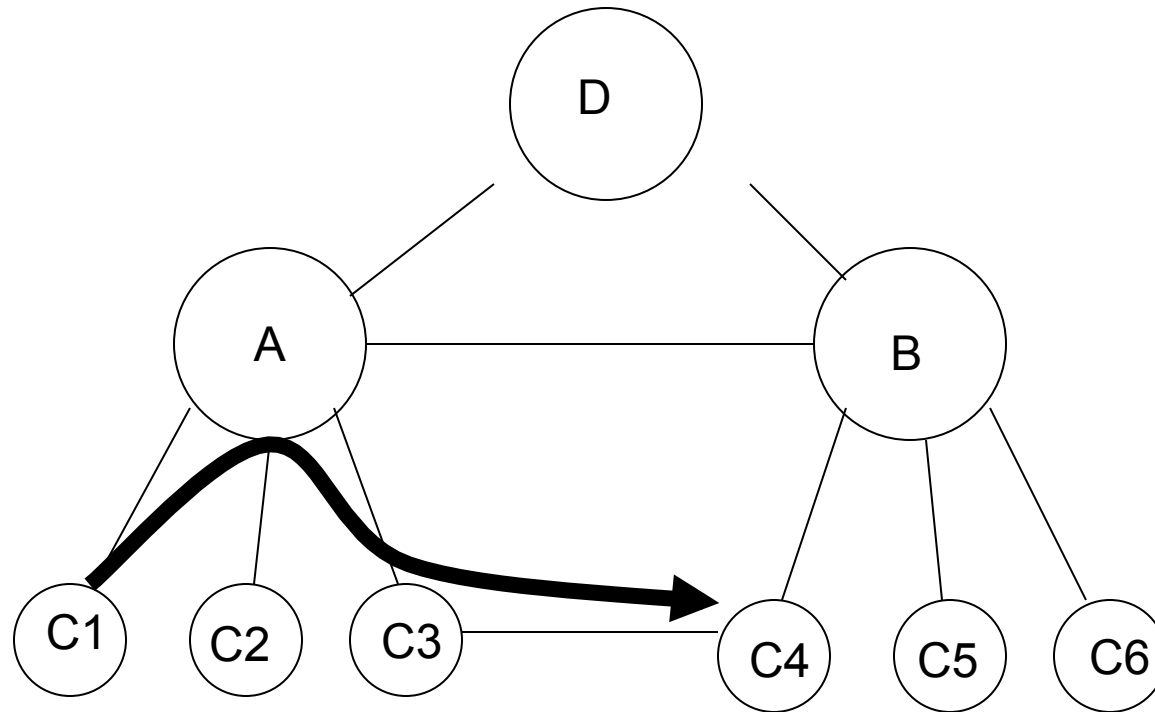
Is This a Route Leak

Is This a Route Leak

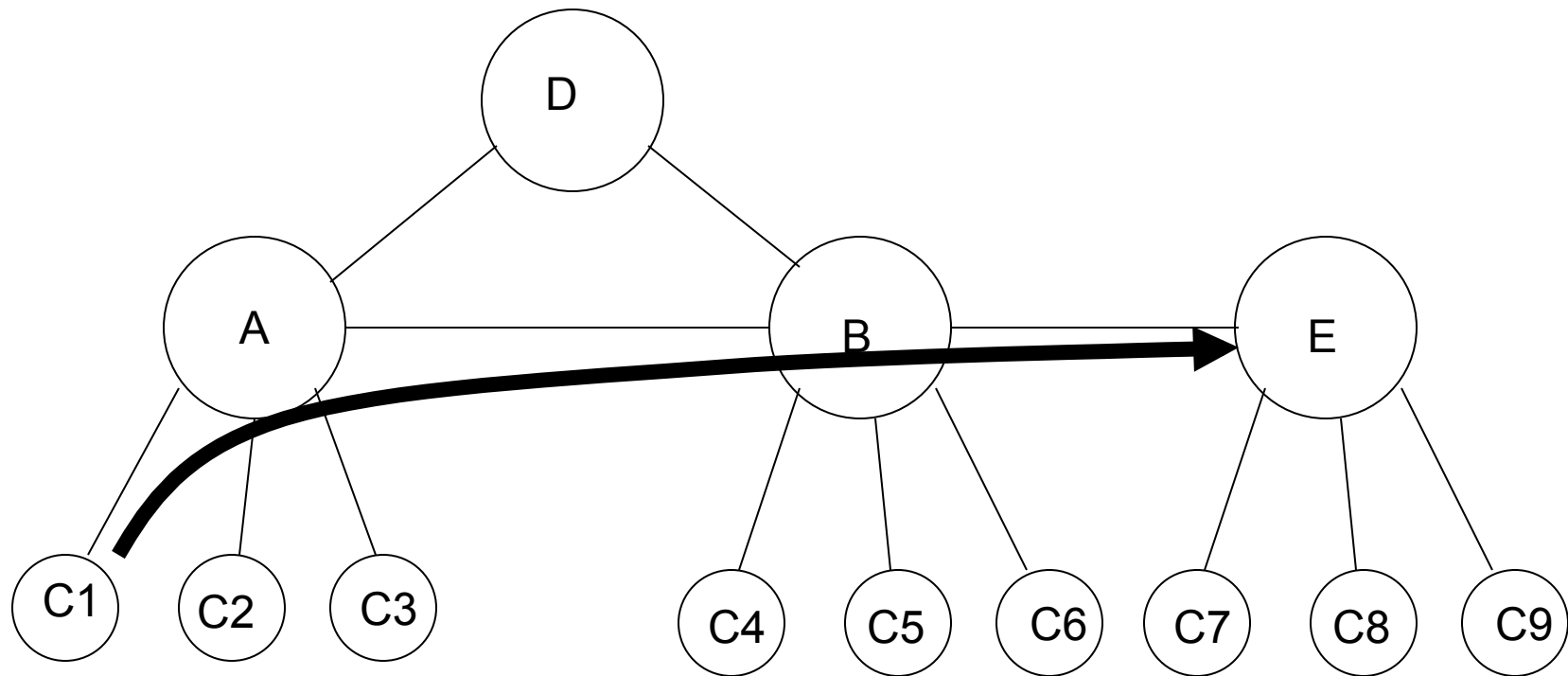# Is This a Route Leak

Is This a Route Leak

Is This a Route Leak

Questions

- Is there a precise definition of route leaks
- How do we detect route leak
- How do we respond to detected route leak
  - Mandated behavior
  - Local policy based
- Is additional info needed to detect leak
  - Who provides info
  - What is trust model for info
  - How is info carried
- Where does the work get done?

Message to IDR

- There is agreement that route leaks is a problem.
- There is agreement that a change to bgp might provide a solution, but concern about sidr undertaking the solution without idr participation.
- Would the idr be willing to work with sidr in
  - (a) defining the route leaks problem,
  - (b) devising a solution and
  - (c) securing that solution?
- The actual home for the work (idr, sidr, both, something else) would be discussed.