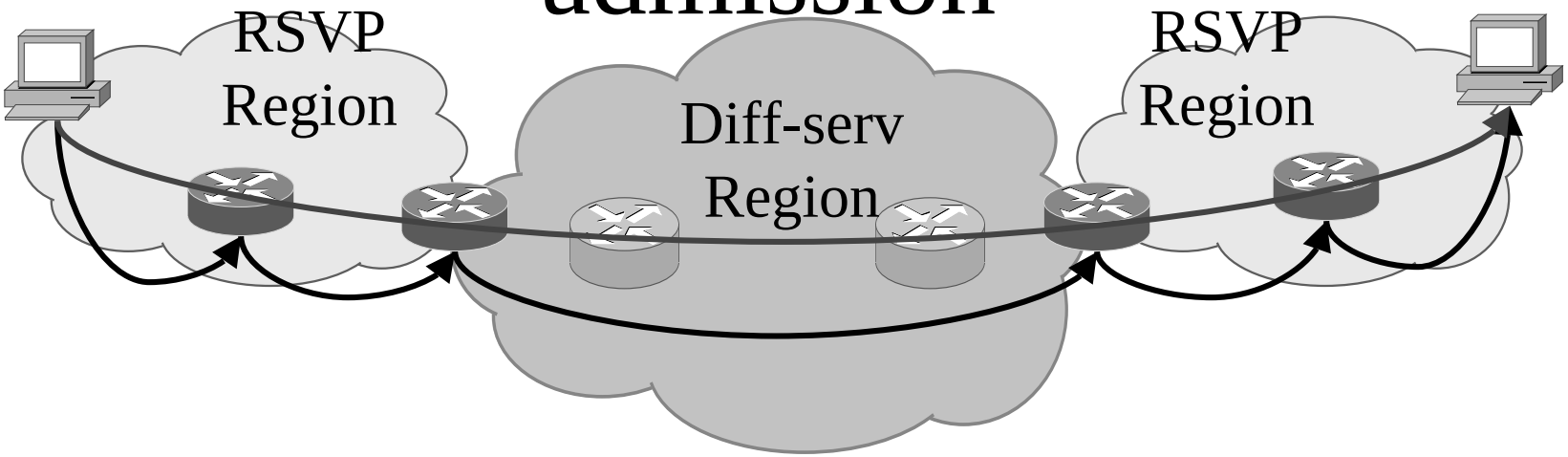
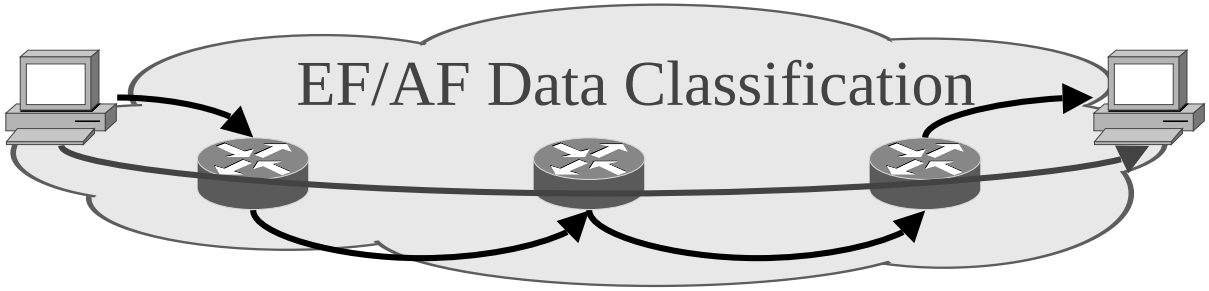
Aggregate RSVP

What I'm not talking about

- Aggregate classification for micro-flow admission - that was Yoram
- Tunnel Draft
  - Constrained by routing
- Berson Draft
  - Measurement-based edge-only admission
  - Presumes configured bandwidth between router pairs

Diff-edge: Aggregate classification with micro-flow admission

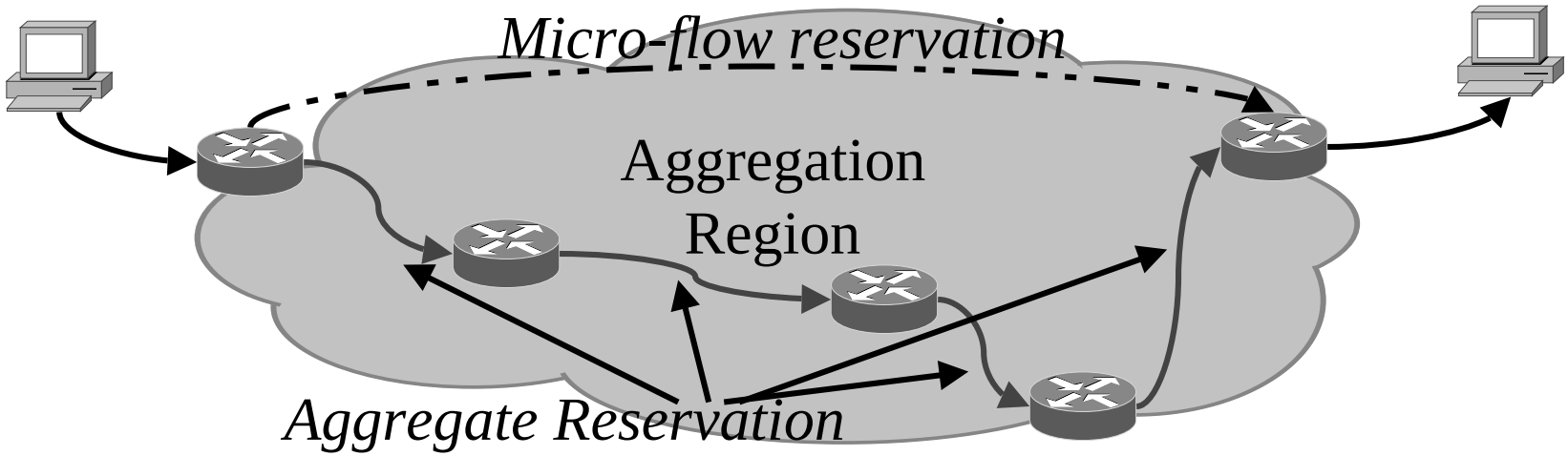




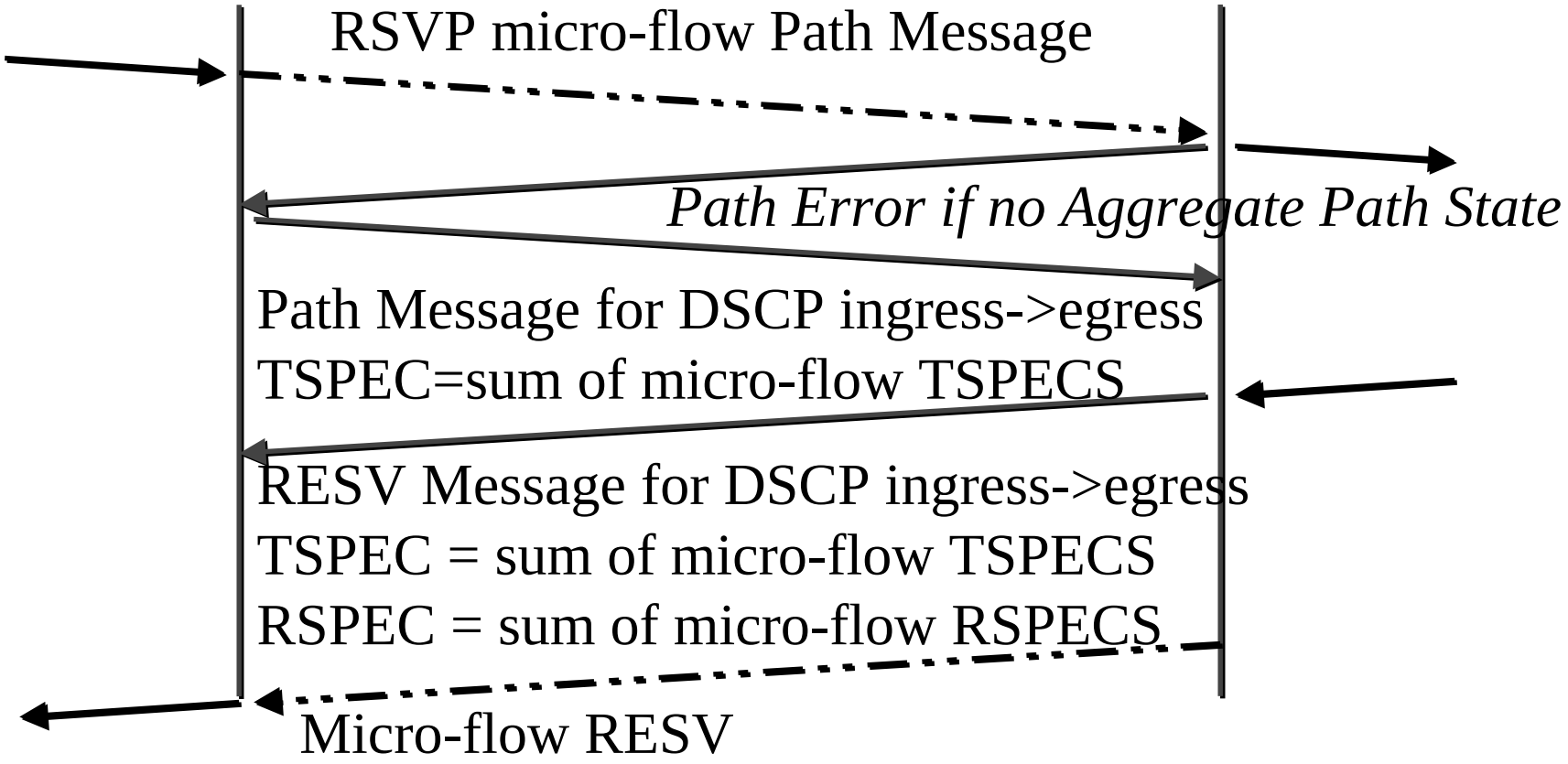
RSVP micro-flow admission

Aggregated RSVP reservations

- Aggregate classification (EF/AF) used in aggregation region
- Aggregate Admission from known ingress point to known or unknown egress



Setup scenario



Discussion issues among Authors

- Fred thinks that the de-aggregator (egress router) should not forward micro-flow RESV, but reply RESV ERROR, if bandwidth not available in aggregate reservation
- Carol, Bruce, and Francois think that the aggregator (ingress router) should do that

Other discussion issues

- **Multicast?**
  - Addressed in document, but may not work
- **Gee, is there a way to avoid the N^2 problem?**
  - That's probably no longer RSVP