Overall Problem Space

- Between areas, ASes, across UNIs and NNIs, visibility of TE Database information is limited
- The aim is to allow path diversity across such boundaries, while respecting that not information can or will be shared
- This draft pertains especially to boundaries where policy limits information flow
- E.g. at a UNI where the operator limits visibility into the network
Metric Recording

• Latency and latency variation have been identified as critical metrics e.g. in financial networks [draft-ietf-ospf-te-metric-extensions], [draft-previdi-isis-te-metric-extensions].

• In inter-domain or GMPLS overlay networks,
  - Ingress node may not know route of a uni-directional (FA) LSP.
  - Ingress and egress nodes may not know route of a bi-directional (RA) LSP.

• Endpoints of an FA or RA need to advertise these in client layer IGP
Changes from -00

• Added Matt Hartley as an author
• Now two authors in common with SRLG Collection draft
• Added use of LSP-ATTRIBUTES to allow partial collection if LSP-REQUIRED-ATTRIBUTES fails
• Text improvements
Next Steps

• Keep aligned with SRLG collection
  ➢ Add flags for Partial and Summarized information
    ▪ Useful if policy causes a UNI-N or other intermediate node to edit RRO before passing on
    ▪ For example to hide nodes between the UNI-Ns

• Request Working Group adoption