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
Route Diversity using Exclude Routes

- Accepted as a WG document
- V-01 is a fairly major rewrite, not to change functionality, but to enhance readability
- Changed the name of the subobject from LSP to PATH
  - Subobject may represent
    - The path of a particular LSP or
    - The path of a tunnel
- Consistently call the ends source and destination (eliminated use of ingress / egress)
Clarified changes to the Path excluded

- If loose “L” bit is not set, processing node MUST send a Error* message notifying the source; the Path_State_Removed Flag is NOT set
- If loose “L” bit is set, processing node SHOULD send a Error* message notifying the source; the Path_State_Removed Flag is NOT set
- * If the processing node is able to find a path that meets all the original constraints, then the error is “Better Path Exists”, otherwise it sends “Route Blocked by Exclude Route” or “Failed to Respect Exclude Route”
Next Steps

• Consider draft nearly ready for last call
• (Chairs) How many have read v-01?
• Solicit comments on list
• Address any comments; final edit pass
• Ask for last call before Berlin