Collaboration

draft-vvds-add-paths-analysis-00
- Focus on analysis of different path selection algorithms
  - All paths
  - N paths
  - All AS-wide best paths
  - All neighbor AS group best paths
  - Best LocPref/2\textsuperscript{nd} best LocPref
  - Paths at decisive step -1
- Some discussion of different applications

draft-uttaro-idr-add-paths-guidelines-00
- General focus on providing implementation recommendations
- Detailed discussion of fast convergence use case, other applications highlighted
- Discussion of advertise N paths algorithm and implications of selecting different values of N per peer, prefix, etc.

draft-uttaro-idr-add-paths-guidelines-01, 02, etc.
- Provide recommendations to implementers, maintain focus on the question of which set of paths to advertise
- Add new path selection algorithms if appropriate
- Complete discussion of different applications, providing recommendations specific to each one
Upcoming Plans

• Make recommendation for default path selection algorithm
  – MUST be available in all Add-Paths implementations
  – Applicable to largest number of applications/use cases, reasonable scalability/complexity
  – Converging towards N-paths or a variant of all AS-wide best paths
Upcoming Plans

• Complete discussion of different use cases for Add-paths, at least
  – Fast convergence
  – Loadsharing
  – Route oscillation mitigation
  – Graceful shutdown

• Provide recommendations for each, particularly wrt path selection mode
Upcoming Plans

- Discussion about forwarding paths vs. advertised paths
  - Multipath considerations
  - Tunneled vs. non-tunneled transport to BGP next-hop
Looking for Feedback

- Other Applications
- Other Path Selection Modes
- Choice of default Path Selection Mode
Questions?