Advanced Multipath Use Cases

Advanced Multipath Use Cases and Design Considerations

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Status of Advanced Multipath Use Cases

- Terminology changes: Composite Link to Advanced Multipath

- Pending: update to references (draft rev numbers)

- Pending: some spelling errors
What is in it and why do we care

• Two foundation use cases:
  1. Load balance of local links direct to adjacent host
  2. Load balance of multiple paths to a distant host

• Use case assumptions regarding services carried

• Background information on ”classic multipath”

• Specific uses or problems addressed:
  1. Delay sensitive applications
  2. Large volume of IP and LDP traffic
  3. Multipath and packet ordering

• Appendices containing background information
  1. An operators perspective on relevant practices
  2. Existing multipath techniques
So again - why do we care?

- Purely informational
- Useful to know providers intended use
- Background information on existing techniques is helpful
- Implied gap analysis from discussion of existing techniques
- Use cases and background information does not belong in requirements or framework but should not be lost