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